Laserliner

MEASURING TECHNOLOGY. SIMPLE. INTELLIGENT.

Professional Sales Program
2026/2027



4 YEARS WARRANTY
4 JAHRE GARANTIE
CERTIFIED DESIGN AND QUALITY

MEASURING TECHNOLOGY. SIMPLE. INTELLIGENT.



PRECISION IN THE HIGHEST QUALITY.

ACCURATE AND SAFE MEASURING TOOLS.
The Laserliner brand stands for modern measurement technology, which is characterised by high quality in daily use. Our products brings more safety and reliability to building sites, the trade and the industry.

CONVINCING PERFORMANCE DEMANDS THE HIGHEST STANDARDS.
Our TQM (Total Quality Management), in accordance with DIN EN ISO standards, guarantees the highest standard for our products. All products undergo statistical checks during production. Continuous audits monitor conformity to standards and ensure quality standards.

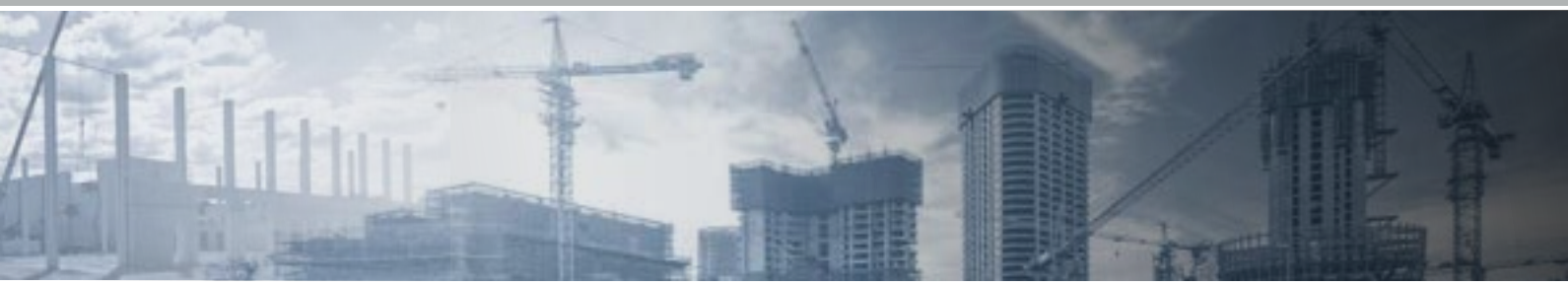
HIGH QUALITY & RELIABILITY.
We stand behind the quality of our products. That's why every purchase is backed by our comprehensive 4-year warranty, ensuring peace of mind and reliable performance year after year.

CERTIFIED DESIGN AND QUALITY









TOTAL QUALITY MANAGEMENT DIN ISO 9001

4 YEARS WARRANTY
4 JAHRE GARANTIE
CERTIFIED DESIGN AND QUALITY

LEADING BY EXAMPLE

Protecting the climate and providing energy for the future sustainability of our business location in the Sauerland.

CORPORATE SOCIAL RESPONSIBILITY

In the future it will become more and more important to be able to prove efficiency and quality. It encourages sustainability and creates economical solutions. We stand for transparency and ethical standards in supply chains. For this reason, we are continuously reviewed and evaluated by independent platforms – such as

Sedex Member ecovadis

Yours, Martin Wonisch
Laserliner
Executive Partner

LASERLINER APP STORE – INTELLIGENT MEASURING TECHNOLOGY MANAGEMENT

Multifunctional MeasureNote app

Digital control with the Commander app

DIGITAL CONNECTION

Data management made simple. Digital Connection – connection between Laserliner measuring devices and ...

App Wifi USB



BlackLine Professional Sales Program. Leading brand name products.

This catalogue contains professional tools designed for long-term use. Laserliner measuring technology enhances safety and reliability across construction sites, trades, and industries. It simplifies your work and enables precise measurements, even in inaccessible locations.

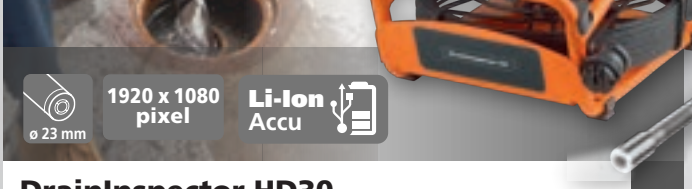
NEW PRODUCT PREVIEW

NEW!



ThermoCamera Pocket Pro
Compact, high-resolution thermal imaging camera with versatile measurement functions for detailed analysis.
20

NEW!



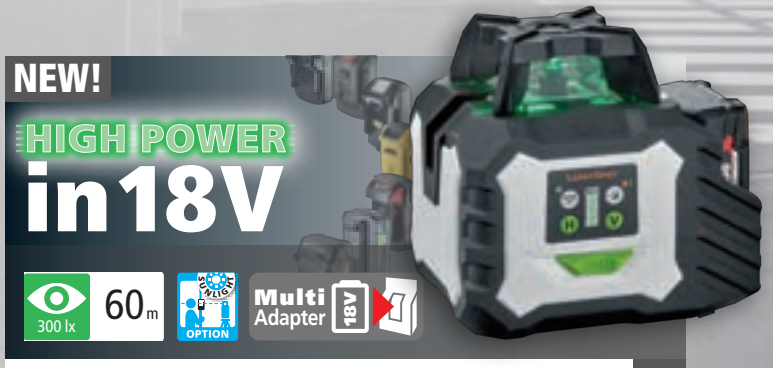
DrainInspector HD30
Professional pipe inspection system with high-resolution camera, 30-metre PushFlex cable and large colour display.
31

NEW!

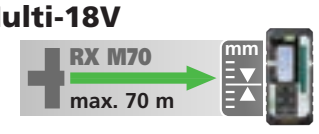


PowerPlane-Laser 3G Pro Multi-18 V
Three-dimensional green laser – compatible with 18V batteries from various well-known manufacturers.
61

NEW!



Duraplane GMX Multi-18V
Robust 360° hybrid laser – compatible with 18V batteries from various well-known manufacturers.



69

NEW!



Quadrum GSL M350
Extremely robust, fully automatic and easy-to-use rotary laser featuring green laser technology.

75

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The “footprint icon” indicates that the housing of these products is made from recycled plastic.

Humidity and moisture measuring devices









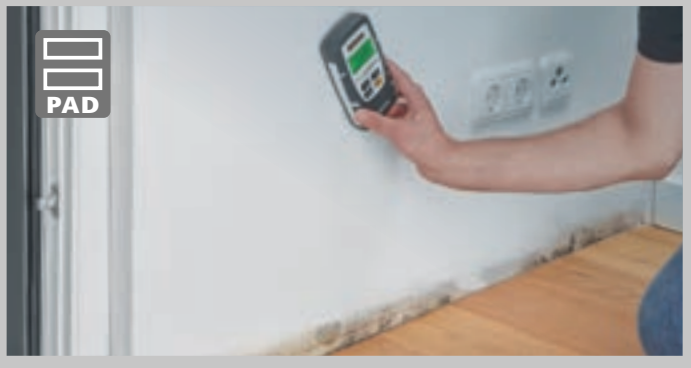


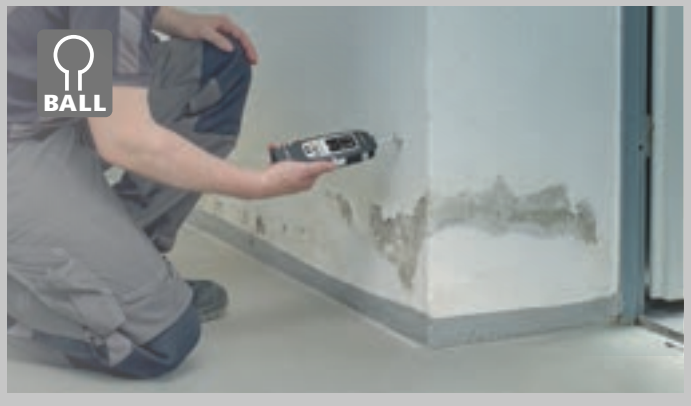

WOOD, HUMIDITY AND CONSTRUCTION MOISTURE

Protection against moisture is a major problem in buildings. Early detection of building and material moisture contribute to the sustained protection and preservation of building fabric. Moisture assessment and localisation with suitable instruments is essential for this. Early detection can also prevent harmful mould and mildew infestation.
Non-destructive material moisture detection using the capacitive measuring method, ensures measurement results are obtained effortlessly and quickly: without damaging the surface during and especially after the construction phase.
Measuring instruments utilising the precision measuring concept are used to determine the moisture in various building materials. This measuring method provides very accurate results.

Moisture assessment

PAD = Capacitive measuring methods with contact pad
BALL = Capacitive measuring methods with ball
PIN = Resistance measuring methods with measuring tips







CM – Calcium carbide measuring method

The calcium carbide measuring method is based on a chemical principle, where by building material samples (1) are tested for moisture in a pressure tank (2).



Non-destructive measurement MoistureMaster Compact Plus

The MoistureMaster Compact Plus can indicate the comparative value in CM% by means of the non-destructive, electronic measuring method.



Moisture measurement

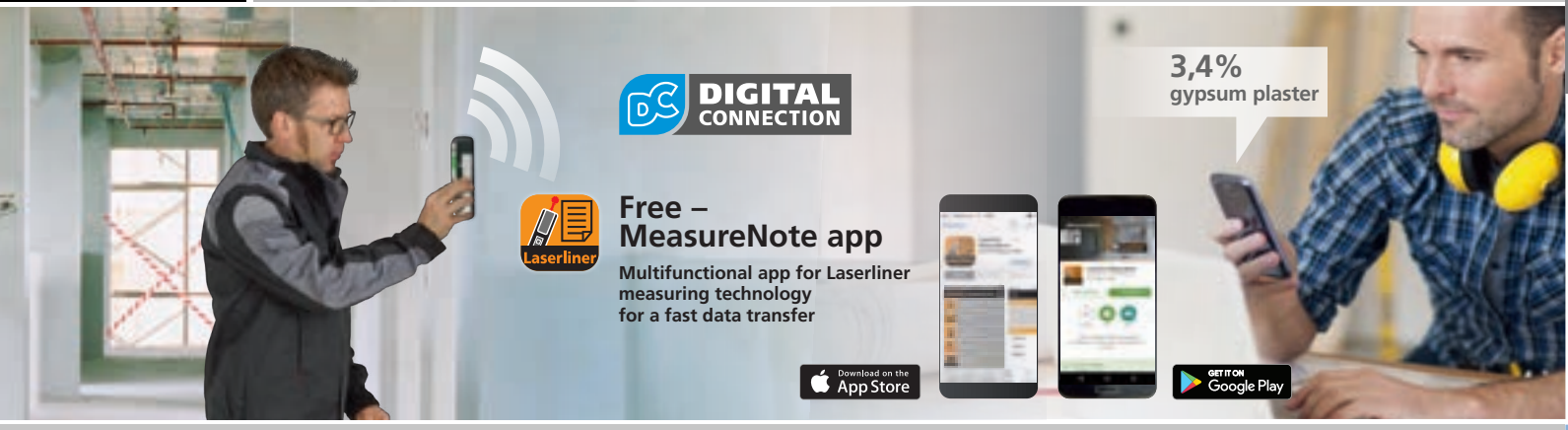


Overview



	MoistureMaster Compact Plus	MultiWet-Finder Plus	DampFinder Compact Plus	DampMaster Plus	MultiWet-Master Compact Plus
Measuring methods	Contact pad (Capacitive)	Ball (Capacitive)	Measuring tips (Resistance)	Measuring tips (Resistance)	Measuring tips / Contact Pad
Index mode	● / zoom	●	●	●	● / zoom
Building materials / percent by weight integrated or with table / MeasureNote App	**6 building materials** aerated concrete, anhydrite screed, cement screed, chalky sandstone, concrete, gypsum plaster	**3 building materials** Anhydrit-Estrich, Beton C20/25, Zementestrich	**8 building materials** aerated concrete, anhydrite screed, cement screed, chalky sandstone, concrete C12/15, concrete C20/25, concrete C30/37, gypsum plaster	**42 building materials** aerated concrete / ytong PPW4, ARDURAPID cement screed, asbestos cement board, cement-bonded particle board, cement mortar ZM 1:3, cement screed with bitumen additive, cement screed with plastic additive, clay bricks / bricks, elastizell screed, …	**31 building materials** aerated concrete / ytong PPW4, ARDURAPID cement screed, asbestos cement board, cement-bonded particle board, cement mortar ZM 1:3, cement screed with bitumen additive, cement screed with plastic additive, clay bricks / bricks, elastizell screed, …
Building materials / percent CM	**2 building materials** anhydrite screed, gypsum plaster **integrated**	**3 building materials** anhydrite screed, concrete C20/25, gypsum plaster **integrated**		**12 building materials** including cement screed and anhydrite screed, in CM %	**2 building materials** anhydrite screed, gypsum plaster **with MeasureNote App**
Types of wood integrated or with table / MeasureNote App	**56 types of wood** ash, alder, mahagony, beech, birch, cedar, douglas fir, elm, larch, linden, maple, oak, scots pine, spruce, teak, …		**102 types of wood** ash, alder, mahagony, beech, birch, cedar, douglas fir, elm, larch, linden, maple, oak, scots pine, spruce, teak, …	**111 types of wood** ash, alder, mahagony, beech, birch, cedar, douglas fir, elm, larch, linden, maple, oak, scots pine, spruce, teak, cork, imbuia, …	**108 types of wood** ash, alder, mahagony, beech, birch, cedar, douglas fir, elm, larch, linden, maple, oak, scots pine, spruce, teak, cork, imbuia, …
Moisture indicator DRY – WET	●	●		●	●
Room climate temperature, humidity, dew point		●			●
Protective cap with self-test function			●	●	●
Depth electrodes Connection of DampExtensions			●	●	●
Digital Connection data transfer to App	●	●	●	●	●
User interface	25 Languages	Symbols	Symbols	Symbols	Symbols

● = available





Measurement and documentation app for smartphones and tablets



- Store measured data in one place with map
- Insert markers in photos
- Send object photos with measured values by email, WhatsApp etc
- The last known location of the unit is stored
- Automatic voice output of measured values
- Direct link to operating instructions
- Calculator
- Note down important details
- Integrated material tables for material moisture measurement
- Languages: DE, EN, NL, DA, FR, ES, IT, PL, FI, SV, NO, JA

Surface measurement and building moisture analysis

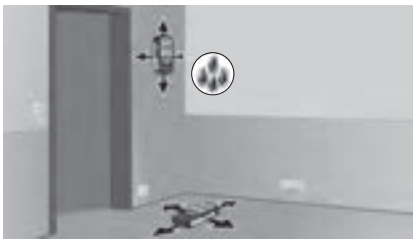
MoistureMaster Compact Plus





MeasureNote App







Professional material moisture measurement, quick and non-destructive – with Digital Connection interface
- CM mode for evaluating anhydrite screed and cement screed in CM% (comparable with CM method)
- Non-destructive measurement of material moisture by capacitive measurement. The tested material is not damaged.
- 62 selectable material characteristics: 56 wood and 6 building material types (cement screed, anhydrite screed, gypsum plaster, aerated concrete, concrete, chalky sandstone)
- Digital Connection interface for measurement data transfer
- Index-Zoom – Rapid location of moisture in thicker building materials
- Wet alarm: in addition to the red LED indication, a warning tone will be sounded for wet material.
- LED wet/dry indicator provide immediate measurement results for moisture content in the tested material.
- Menu system with 25 languages
- Illuminated, transparent display

Capacitive measurement Accuracy (absolute):	
Wood:	± 2%
Building materials:	± 0.2%

Inclusive: MoistureMaster Compact Plus, battery, carrying case

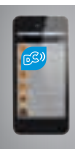
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082.334A	4 021563 699865	2





MultiWet-Finder Plus





MeasureNote App







Electronic material moisture measuring device for locating and evaluating moisture distribution and moisture damage in walls, floors and ceilings
- Non-destructive, capacitive measuring process
- Easy detection and evaluation of moisture distribution in walls, floors and ceilings
- Quick overview of the extent and severity of moisture damage as part of a building survey
- Simple transfer of measured data through Digital Connection interface to mobile phone
- Material parameters for cement screed, anhydrite screed, and concrete in CM % or mass %
- Easy-to-read display with reference, maximum and index value
- Switchable moisture indicator: acoustic alarm and 12-position LED display with configurable limit value
- Climate sensor provides additional relevant parameters for analysing damage and moisture conditions: humidity, ambient temperature and calculated dew point

Moisture content of material (capacitive) modes:	Index, Building materials, reference
Ambient temperature:	-10°C…60°C
Accuracy:	± 1°C
Relative humidity:	20%…90%
Accuracy (absolute)	20% … 80% (± 3%) <20% and >80% (± 5%)
Dew point temperature:	-20°C…60°C

Inclusive: MultiWet-Finder Plus, batteries, carrying case

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082.091A	4 021563 722617	2







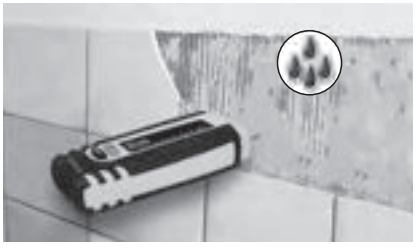
Push-in moisture measurement

DampFinder Compact Plus



MeasureNote App







Universal device for testing moisture in wood and building materials with Digital Connection interface
- For measuring moisture in building materials and timber
- 2 wood groups with 102 types of wood, 8 building materials and universal index mode
- Digital Connection interface for measurement data transfer
- MeasureNote support with integrated material tables
- Numerical display of measured value and ambient temperature
- Stabile, ergonomically designed, rubberised casing
- Illuminated, transparent display

Resistance measurement Accuracy (absolute):

Wood:	± 1% (5%…30%) / ± 2% (<5% and >30%)
Building materials:	± 0.15% (0%...10%) / ± 1% (>10%)

Inclusive: DampFinder Compact Plus, protective cap with self-test function, batteries

ORDER NO.	EAN-CODE	PU
082.016A	4 021563 705030	5

4x AAA · PIN

DampMaster Plus

NEW!



MeasureNote App







Professional material moisture measuring device for wood and building materials, featuring a Digital Connection interface and a clear display showing all relevant readings simultaneously
- Fast and precise measurement of wood and building moisture
- High measurement accuracy thanks to material-specific moisture analysis of 111 wood types and 42 building materials as mass in %
- CM mode: Evaluation of 12 building materials, including cement screed and anhydrite screed, in CM %, comparable to the calcium carbide method
- Clear display showing material moisture, maximum value, reference value and ambient temperature simultaneously
- Wet/dry indicator with 12 LEDs for visual evaluation of drying progress
- Wet/dry indicator can be deactivated for purely numerical moisture readings – useful for borderline values and for less experienced users who may be unnecessarily alarmed by a red LED
- Index mode: Quick determination of moisture through comparative measurements

Resistance measurement Accuracy (absolute):

Wood:	± 1% (5%…30%) / ± 2% (<5% and >30%)
Building materials:	± 0.15%

Inclusive: DampMaster Plus, batteries, carrying case



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082.328A	4 021563 734429	2

4x AAA · PIN · HARD



Depth moisture measurement and building moisture analysis

DampMaster AllroundSet

NEW!

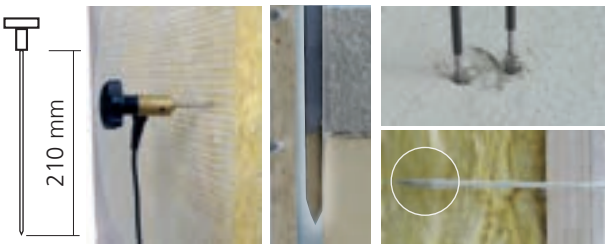


MeasureNote App



Universal inspection set for material moisture measurement in wood and building materials with Digital Connection, clear display, crocodile clips, and depth electrodes
– Product description same as DampMaster Plus

Depth electrodes and connection cable set
– 2 x non-insulated round electrodes: for moisture measurements in building and insulating materials
– 2 x insulated metal electrodes: for moisture measurements in multi-layer wall or ceiling structures
– 2 x insulated flat electrodes: for moisture measurements in concealed material layers, specifically for wall-ground transition
– 2 x brush electrodes: for moisture measurements in hard building materials such as concrete or screed



Resistance measurement Accuracy (absolute):	
Wood:	± 1% (5%…30%) / ± 2% (<5% and >30%)
Building materials:	± 0.15%

Inclusive: DampMaster Plus, protective cap with self-test function, Deep electrodes, crocodile clips connecting cable, batteries, carrying case



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082.327A	4 021563 742271	2

4x AAA · PIN · HARD

MultiWet-Master Compact Plus



MeasureNote App







Non-destructive surface scan and precision spot measurement of material moisture.
Room climate measurement with dew point and Digital Connection interface
– 2 measuring methods: Resistance, capacitive (non-destructive)
– Resistance measurement:
3 wood groups with 108 types of wood,
31 building materials and universal index mode
– Capacitive measurement:
2 wood groups divided into softwood/hardwood and universal index/index-zoom mode
– Digital Connection interface for measurement data transfer
– MeasureNote support with integrated material tables
– Pop-out sensor for measuring ambient temperature, relative humidity and calculating dew point
– Index functions for optimum analysis of different material categories (construction materials, wood and composite materials)
– Programmable, 12-position wet/dry LED indicator for quick assessment
– Illuminated LCD display

Accuracy (absolute):	
Resistance measurement	
Wood:	± 1% (5%…30%) ± 2% (<5% and >30%)
Building materials:	± 0.15%
Capacitive measurement	
Wood:	± 2%
Room climate measurement	
± 2°C (-10°C…60°C) ± 3% (20%…90%)	

Inclusive: MultiWet-Master Compact Plus, protective cap with self-test function, battery, carrying case



ORDER NO.	EAN-CODE	PU
082.390A	4 021563 694440	2

9V · PIN · PAD · HARD

HammerProbe Compact

NEW!



Robust, external hand-held electrode
– Ideal for when frequently measuring wood and soft materials
– Easy to push into the item to be measured thanks to the ergonomic grip
– Can be used with DampFinder Compact Plus, DampMaster Compact Plus and MultiWet-Master Compact Plus





ORDER NO.	EAN-CODE	PU
082.324A	4 021563 698400	2

HARD

Humidity and condensation



ROOM CLIMATE

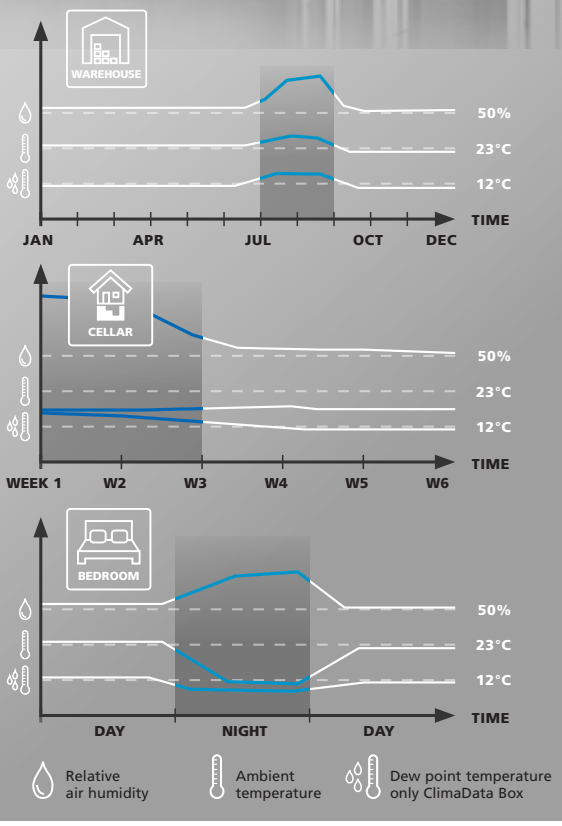


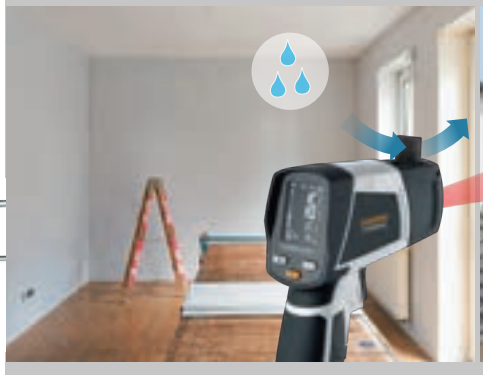
Software inclusive

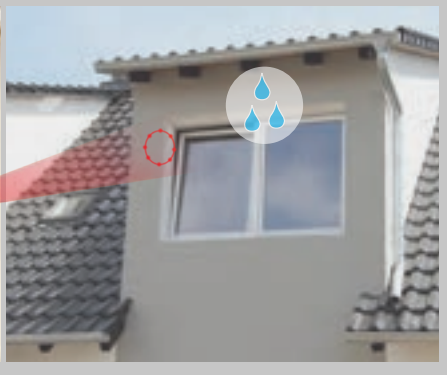
Long-term measurement for exact evaluation on PC

- Download the recorded readings with date and time for optimal evaluation
- Presentation as list and diagram
- Define measurement-specific settings
- Save and print the results
- Windows compatible

Long-term measurement







Surface temperature < Dew point temperature => Moisture condensation

Optional:
K-type-temperature sensor ThermoSensor Air / Tip / Touch / Clamp
(Product description same as page 15) for CondenseSpot XP





Humidity and condensation

ClimaData Box











Digital hygrometer for long-term measurement of ambient temperature, humidity and dew point with evaluation on PC
- Temperature measurement range (-40 °C...70 °C)
- Digital display with max./min. values
- Mit alarm functions
- USB interface for evaluation on PC
- Data memory with date/time
- Anti-theft safeguard possible

Ambient temperature measuring range:		-40 °C...70 °C
	Accuracy:	± 1°C (-10%rH...40%rH)
	Relative air humidity:	0%rH...100%rH
	Accuracy:	± 3%rH (40%rH...60%rH)
	Dew point temperature:	-40 °C...70 °C
	Accuracy:	± 2°C (40%rH...100%rH)

Inclusive: ClimaData Box, software, USB cable, wall bracket, battery, carrying case

ORDER NO.	EAN-CODE	PU
082.031A	4 021563 665006	2



CondenseSpot Pro









Professional climate/humidity/temperature measuring device for localising therma bridges and wall moisture with Digital Connection interface
- For locating thermal bridges and condensation moisture to prevent mould and mildew
- Temperature measurement range (-40°C…600°C)
- Emission ratio: 0.01…1.0 (adjustable)
- The 8-point laser circle pinpoints the measuring zone exactly
- Min/Max function
- Colour alarm function: Thermal bridge warning
- Bargraph condense water indicator: wall moisture alarm
- Digital Connection interface for measurement data transfer
- Lens 12:1
- Illuminated multifunction display





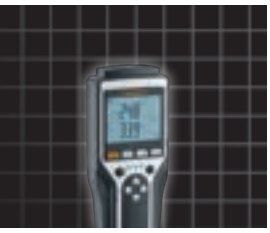
Infrared temperature measuring range:		-40°C…600°C
	Accuracy:	± (1°C + 10%) (-40°C…0°C), ± 1°C (0°C…30°C), ± 2°C (30°C…100°C), ± 2°C (> 100°C)
	Ambient temperature:	-20°C…65°C
	Accuracy:	± 1°C (0°C…50°C)
	Relative air humidity:	1%…99%
	Accuracy:	± 3% (20%…80%)
	Dew point temperature:	-50°C…50°C

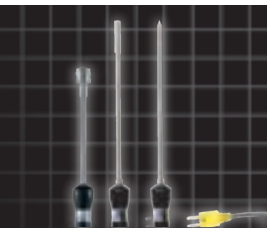
Inclusive: CondenseSpot Pro, batteries

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082.049A	4 021563 710928	2



Temperature measuring instruments

















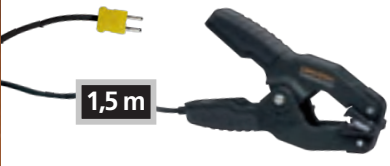


Contact and ambient temperature measurement



ThermoMaster Plus set





Dual input contact thermometer for precise measurement of temperatures with Digital Connection interface
– Large temperature measurement range: -150°C…1370°C
– Functions: contact temperature, prolonged and differential measurements
– Memory function
– Temperature alarm
– Dual thermocouple inputs type K / J / T / E
– Digital Connection for measurement data transfer
– Large, illuminated display

ThermoSensor Clamp
– K-type-temperature sensor with heat resistent handle
– Temperature sensor for metallic pipes with diameters ranging from 6 to 35mm (1/4"…3/8")
– Temperature measurement range: -40°C…100°C

Optional accessories
ThermoSensor Air / Tip / Touch





Contact temperature measuring range:
Type K: -150°C…1370°C, Type T: -150°C…400°C,
Type J: -150°C…1200°C, Type E: -150°C…900°C
Accuracy: -150°C…-100°C (± (0.2% of measured value + 1°C))
-100°C…1370°C (± (0.1% of measured value + 1°C))

K-type-temperature sensor:
-50°C…300°C

Inclusive: ThermoMaster Plus, 1x K-type-temperature sensor, ThermoSensor Clamp, batteries, carrying case

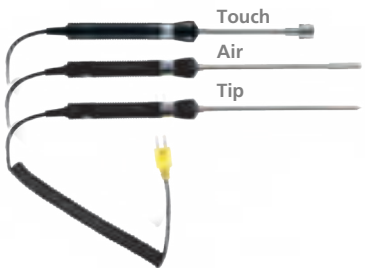


ORDER NO.	EAN-CODE	PU
082.036A	4 021563 706693	2

4x AAA

HARD

ThermoSensor Air / Tip / Touch



Infos Air Infos Tip Infos Touch

K-type-temperature sensor –
ThermoSensor Air for measuring air and gas temperature
ThermoSensor Tip for inserting in soft, highly viscous materials
ThermoSensor Touch as a surface probe on solid backgrounds
– Sensor length: 165mm
– Heat resistant handle
– Accuracy class: 2
– ThermoSensor Air: Temperature sensor protected by metal sleeve (ø 6.5mm)

For ThermoMaster, ThermoMaster Plus, ThermoSpot XP, CondenseSpot XP, MultiMeter XP and ClampMeter XP

Measuring range: ThermoSensor Air / Tip: -50°C…800°C
ThermoSensor Touch: -50°C…400°C

Inclusive: ThermoSensor, spiral cable

ORDER NO.	EAN-CODE	PU
Air 082.435A	4 021563 706204	2
Tip 082.436A	4 021563 706211	2
Touch 082.437A	4 021563 706228	2

Infrared temperature measurement



ThermoSpot Plus



Non-contact infrared temperature instrument with integrated laser
– The non-contact measuring method is ideal for measuring temperature in places difficult to access as well as for hazardous applications such as moving machine parts or electrical installations.
– Large temperature measurement range (-38°C…600°C)
– Lens: 12:1
– Emission ratio: 0.01…1.0 (adjustable)
– The 8-point laser circle pinpoints the measuring zone exactly
– Max-Read: The highest measured value is shown on the display during measurement.
– Illuminated display

Infrared temperature measuring range:	-38°C…600°C
Accuracy:	± 2°C + 0.05°C / degree (-38°C…0°C) ± 2°C or ± 2% depending on the higher value (0°C…600°C)

Inclusive: ThermoSpot Plus, batteries, belt holster

ORDER NO.	EAN-CODE	PU
082.042A	4 021563 688081	2

Laser 650 nm | 2 | 2x AAA | SOFT

ThermoSpot XP









optional
ThermoSensor
Air / Tip / Touch /
Clamp

Infrared temperature instrument for the precise measurement of surfaces in the high-temperature range with Digital Connection interface
– The non-contact measuring method is ideal for measuring temperature in places difficult to access as well as for hazardous applications such as moving machine parts or electrical installations.
– Large temperature measurement range (-40°C…1500°C)
– Lens 50:1
– Emission ratio: 0.01…1.0 (adjustable) with quick selection of 5 memory locations
– The 8-point laser circle pinpoints the measuring zone exactly
– Min/Max/AVG/Dif function: The smallest, largest, average or difference infrared measured value can be displayed.
– Colour alarm function: Deviations from the desired temperature range are indicated in colour in the display.
– Connection for K-type temperature sensor
– Memory function: 50 storage locations
– Digital Connection interface for measurement data transfer
– Illuminated multifunction display

Infrared temperature measuring range:	**-40°C…1500°C**
Accuracy:	± (1°C + 0,1°C / 1°C) (-40°C…0°C) ± 1°C or ± 1% depending on the higher value (0°C…33°C) ± 2°C or ± 2% depending on the higher value (>33°C)
Contact temperature K-type:	-30°C…1372°C
Accuracy:	± 1°C or ± 1% depending on the higher value

Inclusive: ThermoSpot XP, batteries, carrying case



ORDER NO.	EAN-CODE	PU
082.043A	4 021563 698929	2

Laser 650 nm | 2 | DC | K | 1/4" | 2x AA | HARD



Thermal imaging cameras



















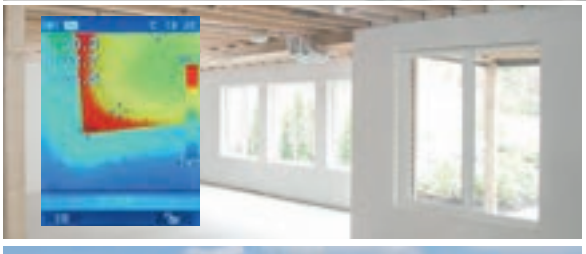
Thermal visualisation and thermal analysis

Overview



	ThermoVisualizer Pocket	ThermoVisualizer Pro	ThermoCamera Pocket / Pro	ThermoCamera Connect	ThermoCamera HighSense / Pro	
Measuring system	Thermoelectric array sensor, 9 Hz, 8-14 µm	Uncooled microbolometer, 9 Hz, 8-14 µm	Uncooled microbolometer, 9 Hz, 8-14 µm	Uncooled microbolometer, 9 Hz, 8-14 µm	Uncooled microbolometer, 9 Hz, 8-14 µm	
Display	1,8" TFT colour display	2,4" TFT colour display	2,8" TFT colour display / 3,5" TFT-Touchscreen	3,2" TFT colour display	3,5" TFT colour display	
IR- temperature resolution	32 x 32 pixels	96 x 96 pixels	160 x 120 pixels / 256 x 192 pixels	220 x 160 pixels	160 x 120 pixels	384 x 288 pixels
IR-Field of view (FOV)	33°	50°	42° x 32° / 62° x 46.5°	27° x 35°	20,7° x 15,6°	41,5° x 31,1°
IR-Focus	focus-free	focus-free	focus-free	focus-free	adjustable approx. 0,5 - 30 m	adjustable approx. 0,5 - 100 m
Thermal sensitivity (NETD @ 30°C)	0,15°C	0,06°C	0,05 °C / 0,04 °C	0,07°C	0,05°C	
Measurement range	–20°C…650°C	-20°C… 400°C	-20 °C…550 °C	-20…350°C	–20°C…650°C	
Accuracy	± 3°C or ± 3% of measured value	± 2 °C (0°C … 40°C) 4 °C or 3 % (<=0 °C, >40 °C)	± 2°C or ± 2% of measured value ± 2°C or ± 2% of measured value	± 2°C or ± 2% of measured value	± 2°C or ± 2% of measured value	
Image modes	infrared image, digital image, MIX image	infrared image, digital image, dew point, MIX imag	infrared image, digital image, MIX image infrared image, digital image, MIX image, image-in-image	infrared image, digital image, MIX image	infrared image, digital image, MIX image, image-in-image	
Analysis function	colour palettes, real-time analysis	colour palettes, dew point	colour palettes, real-time analysis, CustomApps for application-specific analysis	colour palettes, real-time analysis	colour palettes, real-time analysis, CustomApps for application-specific analysis	
Measuring points / function	central measuring point, hot/cold spot measurement	central measuring point, Min/Max	central measuring point, hot/cold spot measurement point, line, area, hot/cold spot measurement	central measuring point, hot/cold spot measurement	point, line, area, hot/cold spot measurement	
Image / video function	● / –	● / –	● / ● ● / ●	● / –	● / ●	
Memory / USB / WIFI	● (Micro-SD) / ● / –	● (Micro-SD)/ ● / –	● (Micro-SD) / ● / – ● (Micro-SD) / ● / ●	● (internal) / – / ●	● / ● / ●	
Digital Connection	● (USB)	● (USB)	● (USB) ● (USB +WLAN)	● / Browser	● / App	
Radiometric Software (PC)			● ●		●	

● = available







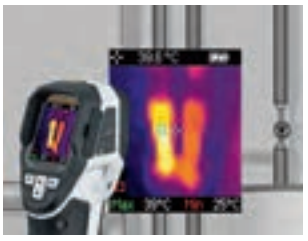
Thermal visualisation

ThermoVisualizer Pocket





Thermal imaging camera for visualisation of temperature curves for use in construction, electrical engineering, and industrial applications
- High-resolution 1.8" colour display for reliable evaluation and analysis of temperature conditions
- Infrared sensor with 32 x 32 pixel resolution
- Large measuring range from -20°C…650°C
- Visualisation of temperature curves, energy loss, thermal bridges and electrical overloads
- Flexible display with infrared image, digital image and mix image
- Wide range of possible applications thanks to large measuring range
- Data storage on exchangeable micro-SD card
- High-contrast TFT colour display
- USB interface
- Min./Max.-display
- Auto power off





IR sensor:	Thermoelectric array sensor Resolution: **32 x 32 pixels**
IR optics:	High-quality infrared lens Field of View (FOV): **33°**, Focus: **fixed-focus**
Thermal sensitivity:	NETD 0,15°C
Measuring range:	–20°C…650°C
Accuracy:	≤100°C (± 3°C), >100°C (± 3%)
Display:	1,8" TFT colour display
Image modes:	Infrared image, digital image, MIX image
Digital camera:	Resolution: 640 x 480 pixels
Format:	BMP format
Memory:	Micro-SD memory card up to 16 GB
Interface:	Mini-USB
Connections:	Mini-USB

Inclusive: ThermoVisualizer Pocket, micro-SD card, batteries, softbag

ORDER NO.	EAN-CODE	PU
082.074A	4 021563 713639	1

DISPLAY 1,8" colour TFT | CAMERA 640 x 480 pixel | REC bmp | DCV | MINI USB | micro SD | IP 54 | 4x AAA | SOFT

ThermoVisualizer Pro





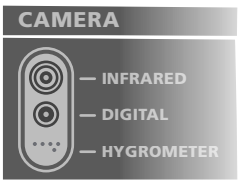




Innovative thermal camera with visual dew point function for the efficient detection of thermal bridges and condensation
- Reliable visualisation of temperature curves, energy loss, thermal bridges and electrical and mechanical overloads
- Determining surface temperatures, relative humidity, ambient temperature and dew point temperature
- Flexible display with infrared image, digital image and mix image
- Visual dew point function for precise marking of surfaces that have reached or fallen below the dew point
- Perfect for critical interior space inspections, for example to detect condensation and with a clear thermal bridge warning

IR sensor:	Uncooled microbolometer, 9 Hz, 8-14 µm Resolution: **96 x 96 pixels**
IR optics:	Field of View (FOV): **50°**, Focus: **fixed-focus**
Thermal sensitivity:	NETD 0,06°C
Infrared temperature	Measuring range: -20°C … 150°C, 0°C … 400°C Accuracy: ± 2 °C (0°C … 40°C), ± 4 °C or 3% (<=0 °C, >40 °C)
Ambient temperature / dew point temperature:	Measuring range: -20°C … 60°C Accuracy: ± 1°C (0°C … 60°C), ± 2°C (<0°C)
Humidity:	Measuring range (relative): 0% ... 100% Accuracy (absolute) Humidity (relative): ± 2% (20% … 80%), ± 3% (<20%, >80%)
Display:	2,4" TFT colour display
Image modes:	Infrared image, digital image, dew point, MIX image
Digital camera:	Resolution: 320 x 240 pixels
Format:	BMP format
Memory:	Micro-SD memory card up to 32 GB
Connections:	USB type C





Inclusive: ThermoVisualizer Pro, USB-cable, micro-SD card, Li-Ion battery, softbag

ORDER NO.	EAN-CODE	PU
082.078A	4 021563 735426	1

DISPLAY 2,4" colour TFT | CAMERA 320 x 240 pixel | REC bmp | DCV | micro SD | IP 54 | 1/4" | Li-Ion Accu | SOFT

Thermal visualisation

ThermoCamera Pocket



Extremely practical thermal image camera with professional infrared properties – perfect for quick and reliable image analyses

– High-resolution infrared microbolometer sensor enables highly detailed analyses, even with the smallest temperature differences
– Versatile: Practical measuring device for quick infrared image analyses in the construction industry, electrical engineering and mechanical engineering
– Comprehensive analysis using infrared image and MIX image (automatic overlay of infrared and digital images)
– Loadable CustomApps for rapid preconfiguration for standard applications: Identify extreme temperature points, air leaks, visualise temperatures flows, etc.
– High thermal sensitivity, ideal for building thermography, for identifying thermal bridges, damp spots, failed insulation, overheating, analysis of heating pipes, identifying defective solar cells



IR sensor:	Uncooled microbolometer, 9 Hz, 8-14 µm Resolution: **160 x 120 pixels**
IR optics:	High-quality infrared lens Field of View (FOV): **42° x 32°** Focus: **fixed-focus**
Thermal sensitivity:	NETD 0.05°C
Measuring range:	–20°C…150°C, 0°C…550°C
Accuracy:	± 2°C or ± 2% of measured value
Display:	2.8" TFT colour display
Image modes:	Infrared image, digital image, MIX image
Digital camera:	Resolution: 640 x 480 pixels
Format:	JPEG format, MPEG-4 (with radiometric data)
Memory:	Micro-SD memory card up to 128 GB
Connections:	USB type C

With radiometric software

Inclusive: ThermoCamera Pocket, USB-cable, micro-SD card, Li-Ion battery, carrying case



ORDER NO.	EAN-CODE	PU
082.079A	4 021563 740314	1

DISPLAY 2,8" colour TFT | CAMERA 640 x 480 pixel | REC JPG/MP4 | DCS | USB | Micro | IP 54 | Li-Ion Accu | SOFT

ThermoCamera Pocket Pro

NEW!



Compact, high-resolution thermal imaging camera with versatile measurement functions for detailed analyses in the construction industry, mechanical engineering and electrical engineering – ideal for detecting even the smallest differences in temperature

– Versatile: Handy measuring device for professional infrared image analyses in the construction industry, electrical engineering and mechanical engineering
– The ideal solution for detailed image analysis and identifying extremely small temperature differentials using high-resolution infrared microbolometer sensors
– Extremely high thermal sensitivity, perfect for building thermography, for identifying thermal bridges, damp spots, failed insulation, overheating, analysis of heating pipes, identifying defective solar cells
– Large field of view (FOV) captures larger objects and provides more detail per image
– Large field of view (FOV) captures larger objects and provides more detail per image
– Individually configurable measurement points, measurement lines and measurement areas for precise temperature analysis
– Loadable CustomApps for rapid preconfiguration for standard applications: Identify extreme temperature points, air leaks, visualise temperatures flows, etc.
– Connectible measuring functions, such as central, hot and cold point provide an immediate overview of the temperature situation at a glance
– Large, easy-to-read touchscreen with intuitive and comfortable operation
– Long battery operating time thanks to powerful lithium-ion rechargeable battery



IR sensor:	Uncooled microbolometer, 9 Hz, 8-14 µm Resolution: **256 x 192 pixels**
IR optics:	High-quality infrared lens Field of View (FOV): **62° x 46.5°** Focus: **fixed-focus**
Thermal sensitivity:	NETD 0.04°C
Measuring range:	–20°C…150°C, 0°C…550°C
Accuracy:	± 2°C or ± 2% of measured value
Display:	3.5" TFT touch screen
Image modes:	Infrared image, digital image, MIX image, image-in-image
Digital camera:	Resolution: 640 x 480 pixels
Format:	JPEG format, MPEG-4 (with radiometric data)
Memory:	Micro-SD memory card up to 8 GB
Connections:	USB type C

With radiometric software

Inclusive: ThermoCamera Pocket Pro, integrated Li-ion battery pack, micro SD card, hand grip, USB-A to USB-C cable, carrying case



ORDER NO.	EAN-CODE	PU
082.077A	4 021563 747344	1

DISPLAY 3,5" colour TFT | CAMERA 640 x 480 pixel | REC JPG/MP4 | DCS | USB | Micro | IP 54 | 1/4" | Li-Ion Accu | SOFT

Thermal analysis

ThermoCamera Connect



Compact thermal imaging camera for applications in construction, electrical engineering and mechanical engineering with WLAN interface
– High-resolution 3.2" colour display for reliable evaluation and analysis of temperature conditions
– Infrared sensor with 220 x 160 pixels resolution enables quick and easy measurement for evaluating temperature profiles
– Large measuring range from -20°C…350°C
– Adjustable emissivity range from 0.01 to 1.0 or selection from material table
– Analysis in various image modes – Full screen: infrared image, digital image MIX image: Crossfade infrared/digital image
– Central measuring point for temperature analysis and additional hot/cold spot measurement
– Selectable standard colour pallets: SPECTRUM, IRON, COOL, WHITE, BLACK
– Digital Connection: Data transfer and control via WIFI, with display of the infrared live image
– Simple and easy to operate thanks to easy-to-access menu buttons

IR sensor:	Uncooled microbolometer, 9Hz, 8-14 µm Resolution: **220 x 160 pixels**
IR optics:	High-quality infrared lens FOV: **27° x 35°** Focus: **fixed-focus**
Thermal sensitivity:	NETD 0.07°C @ +30°C
Measuring range:	–20°C…350°C
Accuracy:	± 2°C or ± 2% of measured value
Display:	3.2" TFT colour display
Image modes:	Infrared image, digital image, MIX image
Digital camera:	Resolution: 640 x 480 pixels
Format:	JPEG format
Memory:	Integrated SD memory (more than 20,000 images)
Interface:	WLAN
Connections:	Micro-USB (charging)
Other features:	Choice of 9 languages

Inclusive: ThermoCamera Connect, Li-Ion battery pack, power supply/battery charger with international adapter, USB charging cable, carrying case



ORDER NO.	EAN-CODE	PU
082.086A	4 021563 706730	1



IR-SENSOR 220 x 160 pixel | DISPLAY 3,2" colour TFT | CAMERA 640 x 480 pixel | REC jpg | DCS | IP 54 | Li-Ion Accu pack | HARD

ThermoCamera HighSense



High-resolution thermal imaging camera for use in the construction industry, mechanical engineering and electrical engineering – perfect for detailed image analysis
– The ideal solution for detailed image analysis and identifying extremely small temperature differentials using high-resolution infrared microbolometer sensors
– Versatile applications in construction work, and electrical and mechanical engineering
– High thermal sensitivity, ideal for building thermography, for identifying thermal bridges, damp spots, failed insulation, overheating, analysis of heating pipes, identifying defective solar cells
– Optimal image quality through precise automatic calibration and manual focus
– Loadable CustomApps for rapid preconfiguration for standard applications: Identify extreme temperature points, air leaks, visualise temperatures flows, etc.
– Comprehensive range of functions: Measurement of hot and cold spots, measurement at three points, in three areas, or horizontal/vertical lines
– Comprehensive analysis using infrared image and MIX image (automatic overlay of infrared and digital images)
– Appropriate representation of recorded infrared temperatures using 8 standard and 4 special colour palettes
– Individually configurable measurement points, measurement lines and measurement areas for precise temperature analysis
– Versatile control by touchscreen and buttons

IR sensor:	Uncooled microbolometer, 9Hz, 8-14 µm Resolution: **160 x 120 pixels**
IR optics:	Germanium-infrared lens FOV: **20.7° x 15.6°** IFOV**: 2.6 mrad** Focus: **adjustable approx. 0.5 - 30m**
Thermal sensitivity	NETD 0,05 @ +30°C
Measuring range:	–20°C…150°C, 0°C…650°C
Accuracy:	± 2°C or ± 2% of measured value
Image modes:	Infrared image, digital image, MIX image, image-in-image
Image function:	32x digital zoom
Digital camera:	Resolution: 640 x 480 pixels
Format:	JPEG format, MPEG-4
Memory:	Micro-SD memory card 8GB
Interface:	WIFI, USB type C
Connections:	Micro-SD, USB type C, 1/4" tripod thread
Other features:	Choice of 10 languages

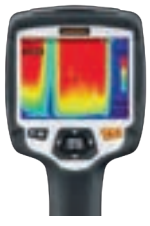




Inclusive: ThermoCamera HighSense, 2x Li-Ion battery pack, charging cradle with power supply/battery charger and international adapter, USB-cable, micro-SD-card with adapter, carrying case



ORDER NO.	EAN-CODE	PU
082.075A	4 021563 688067	1



IR-SENSOR 160 x 120 pixel | DISPLAY 3,5" colour TFT ZOOM 32x | CAMERA 640 x 480 pixel | REC jpg/mp4 | micro SD | DCS | USB-C | IP 54 | 1/4" | Li-Ion Accu pack | Software Download | HARD

ThermoCamera HighSense Pro

Product description same as ThermoCamera HighSense
– IR-sensor resolution: 384 x 288 pixels
– FOV: 41.5° x 31.1°
– IFOV: 1.89 mrad
– Focus: adjustable ca. 0.5 - 100m

Inclusive: ThermoCamera HighSense Pro, 2x Li-Ion battery pack, charging cradle with power supply/battery charger and international adapter, USB-cable, micro-SD-card with adapter, carrying case

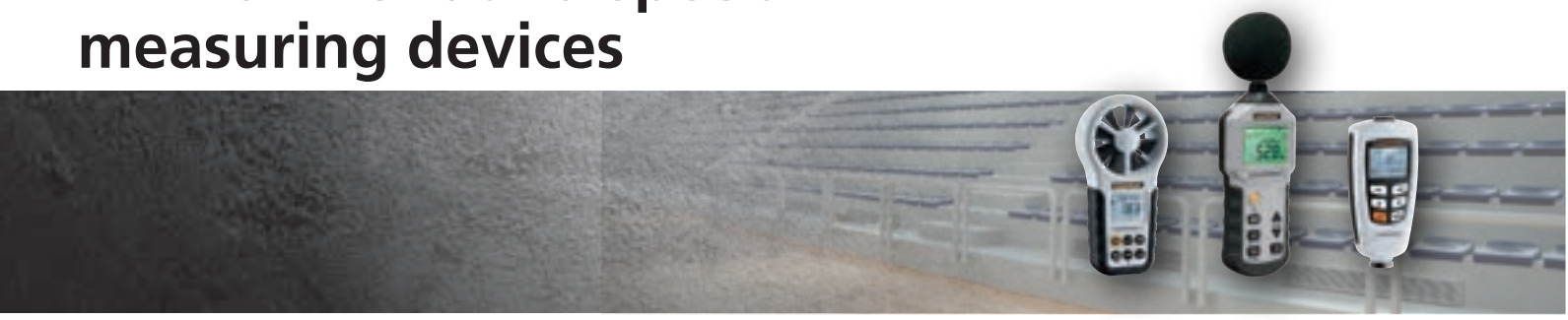


ORDER NO.	EAN-CODE	PU
082.076A	4 021563 719358	1



IR-SENSOR 384 x 288 pixel | DISPLAY 3,5" colour TFT ZOOM 32x | CAMERA 640 x 480 pixel | REC jpg/mp4 | micro SD | DCS | IP 54 | 1/4" | Li-Ion Accu pack | Software Download | HARD

Environment and special measuring devices



AirflowTest-Master



Professional anemometer for measuring air flow, volumetric flow and wind speed
- Integrated sensor for measuring ambient temperature, relative humidity and dew point calculation
- Digital Connection: USB interface for saving measured data
- PC software for real-time logging
- Large impeller: 65mm
- Min./Max. display
- 1/4" tripod connection for long-term measurement
- Illuminated, clearly arranged display with permanently visible ambient temperature and relative humidity

REC | DCI | USB | 1/4" | 9V | Software Download | HARD

Measuring range / Accuracy:
Flow rate: 0.80...30m/s / ± 2%
Ambient temperature: -10...60°C / ± 1.5°C
Relative humidity: 20%...80% / ± 3%
Measuring range:
Airflow: 0...99990CMM

Inclusive: AirflowTest-Master, software, USB cable, batteries, carrying case

ORDER NO.	EAN-CODE	PU
082.140A	4 021563 680566	2

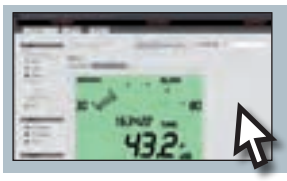


SoundTest-Master



Noise level measuring instrument with integrated long-term storage
- Measurement of noise levels with frequency weighting filter according to dB (A) and dB (C) standard curves as per IEC 61672 (type 2)
- Selectable time weighting factors (fast 125ms/slow 1s) for optimum adaptation to noise dynamics
- Long-term recording function with 16,000 storage points or real-time logging on PC
- Selectable analogue indicator for visual assessment
- Calibrated and adjusted by means of standard 94dB/1 kHz noise level calibrator
- Sensitive electret condenser microphone with detachable wind guard
- Analogue outputs: DC and AC
- Digital Connection: PC software
- Illuminated, transparent display

REC | DCI | USB | 1/4" | 6 x AAA | Software Download | HARD



DATA-LOGGING/ -RECORDING

Measuring range / Accuracy:
30…130dB (A,C) / ± 1.5dB
Frequency range:
31.5Hz…8KHz

Inclusive: SoundTest-Master, software, USB cable, batteries, carrying case

ORDER NO.	EAN-CODE	PU
082.070A	4 021563 676330	2

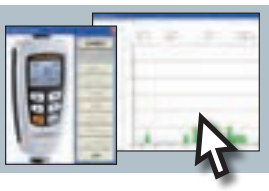


CoatingTest-Master



Coating thickness measuring instrument for measuring non-metallic layers on metal surfaces
- Coating thickness measurement based on induction or eddy current principle
- Measurable coatings: non-magnetic coatings (paint), insulating coatings (paint) on non-ferrous metals
- Automatic identification of base material (ferrous / ferromagnetic, non-ferrous / non-ferromagnetic)
- Internal memory for 400 measured values
- One-point and two-point calibration
- Digital Connection: USB interface for transferring measurement data and software evaluation
- Min./Max./Avg display
- Illuminated, transparent display

REC | DCI | USB | 2 x AAA | Software Download | HARD



DATA-LOGGING/ -RECORDING

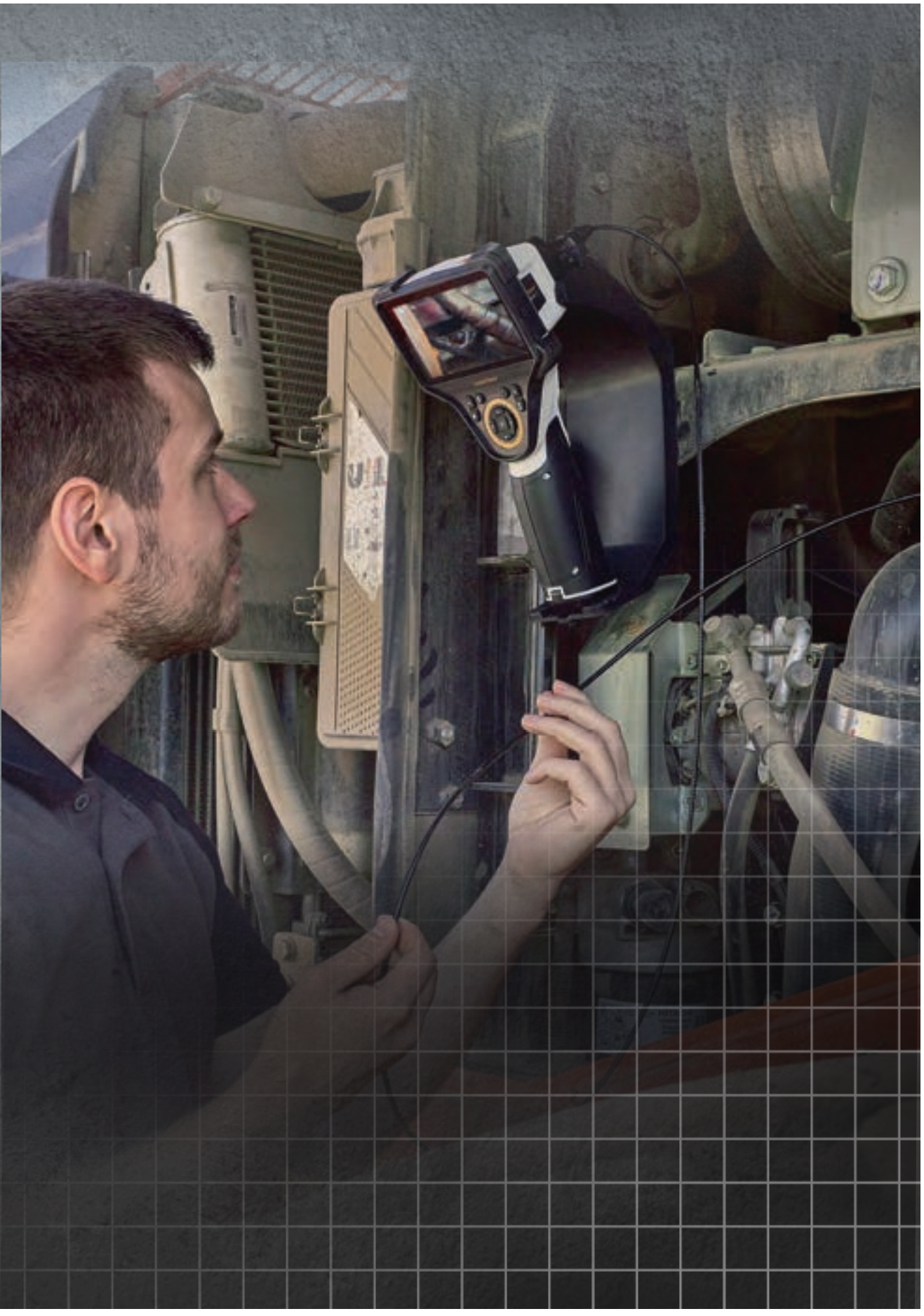
Magnetic induction
Measuring range: 0…1250µm
Accuracy: 0…850µm / (± 3% ± 1µm), 850…1250µm / (± 5%)
Eddy current principle
Measuring range: 0…1250µm
Accuracy: 0…850µm / (± 3% ± 1µm), 850…1250µm / (± 5%)

Inclusive: CoatingTest-Master, calibration references, software, USB cable, batteries, carrying case

ORDER NO.	EAN-CODE	PU
082.150A	4 021563 680597	2



Video inspection







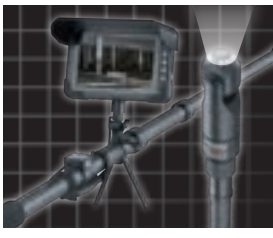












Video endoscopes



MICRO-DIGITAL INSPECTION

Special applications and places difficult to access require innovative solutions to ensure optimum use. The smaller and more stable the camera unit the more varied the applications – whether used at home, in industry or by tradesman.

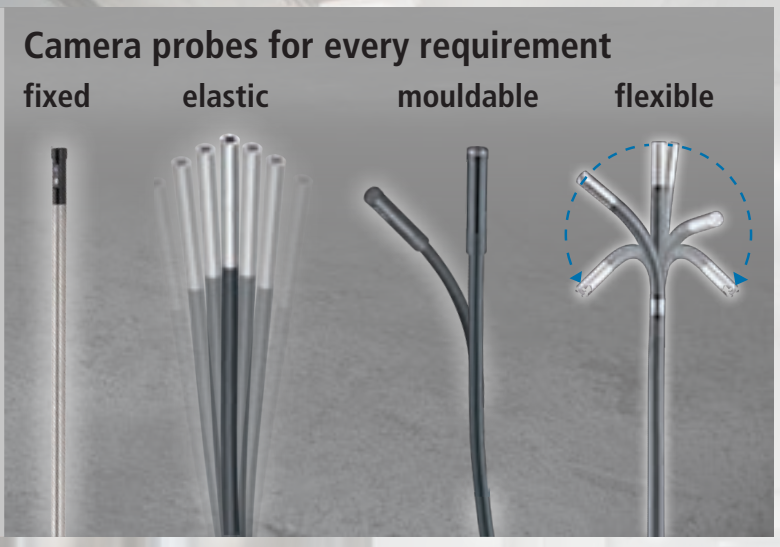
3D-Generation

Manual 3D control of the small titanium camera head



Camera probes for every requirement

fixed elastic mouldable flexible



Overview

	 VideoPocket HD / HDM Duo	 VideoInspector / XXL / Mini	 VideoInspector 3DX / 3DM / 3DL	 VideoFlex HD / Micro/HD Duo1/2	 VideoInspector 3D Micro	 VideoFlex G4 Ultra	 Drain Inspector HD30	 VideoPilot 3D 5m
Camera	1280 x 720 pixels	1280 x 720 pixels	1280 x 720 pixels	1280 x 720 pixels	960 x 720 pixels	640 x 480 pixels	1920 x 1080 pixels	2560 x 1944 Pixel
Front and side camera	– / ●			– / – / ● / ●				
Colour display	480 x 272 pixels	640 x 480 pixels	640 x 480 pixels	1280 x 720 pixels	640 x 480 pixels	320 x 240 pixels	1024 x 600 pixels	1800 x 800 Pixel
Image rotation	180°	180°	180°	180°	90°	180°	90°	180°
Zoom-function	2x in 25% increments	2x in 10% increments	2x in 10% increments	2x in 10% increments	4x in 10% increments	2x in 20% increments	2.5x digital zoom in 3 stages	Digital z oom: 10 zoom levels
LED lighting	6 LED / 6 + 1 LED	8 LED	8 LED	8 LED / 6 LED	6 LED	4 LED	15 LED	12 LED
Data storage	●	●	●	●	●	●	●	●
Image recording	●	●	●	●	●	●	●	●
Video recording	●	●	●	●	●	●	●	●
External image output				USB-C	HDMI	Video out	SD card	HDMI
3D function			●	– / – / ● / ●	●			● motor-controlled
Length of flex cable	1 m	1,5 / 5 / 1,5 m	1 / 1 / 2 m	1.5 / 2 / 2 / 3 m	1 m	10 m	30 m	5 m
Camera head ø	5.2 mm	7,9 / 7,9 / 6 mm	9 / 6 / 6 mm	7.9 / 3.9 / 5 / 7.9 mm	3,9 mm	9 mm	23 mm	39 mm
Camera head / IP class	IP67	IP67	IP68	IP68	IP68	IP67	IP67	IP68
Li-ion battery		●	●	●	●	●	●	●
TopClips	●	● / ● / –		● / – / ● / ●		●		
Accessory						TopGuide	SkidAdapter Keypad	headset

● = available

Video endoscopes



VideoPocket HD



High-resolution compact video inspection system with large display for hard-to-reach places
- 2x digital zoom in 25% increments
- Screen size: 4.3"
- REC-Function: still picture and video
- Evaluation and documentation using internal photo memory, micro SD card and USB interface
- 6 high-performance LEDs on the camera for powerful object lighting
- Suitable image available on the monitor through rotation and mirroring
- Small camera unit ideal for hard-to-reach places
- Identify specific differences with the compare image function
- Camera head: ø 5.2 mm
- DOF: Focal depth 3…8 cm
- TopClips: Hook, magnet and mirror attachment for fixing on the camera head



Camera:	Resolution: 1280 x 720 pixels
Display:	4.3" TFT-colour display Resolution: 480 x 272 pixels
Memory (external):	Supports up to max. 32 GB micro SD-card

Inclusive: VideoPocket HD, TopClips, micro-SD-card, batteries, carrying case

ORDER NO.	EAN-CODE	PU
082.262A	4 021563 721917	2



ø 5,2 mm

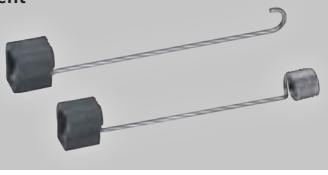
CAMERA: 1280 x 720 pixel · LED LIGHT · IP 67
DISPLAY: 480 x 272 pixel · 4,3" TFT · 180° · ZOOM 2x
REC · micro SD · USB · MICRO USB · 4x AA · HARD

ACCESSORIES

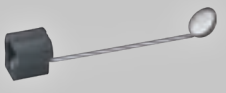
Hook, magnet and mirror attachment for fixing on the camera head



Hook / magnet attachment
Pull / lift difficult to reach objects



Mirror attachment
Mirror allows objects to be viewed at 90° angle



VideoPocket HDM Duo



High-resolution, compact video inspection system with large display, compare image function, multi-functional holder and waterproof camera unit, including front and side view
- Effective problem localisation behind or in objects, walls, pipes, cavities
- High-resolution camera for detailed image and video capture
- Multifunctional holder combines stand, magnet and hook for versatile mounting options and variable positioning for every inspection
- Flexible display: The display shows perspectives of front and side cameras individually or simultaneously in a split screen view
- Identify specific differences with the compare image function
- Small camera unit ideal for hard-to-reach places
- 6+1 high-performance LEDs on the camera for powerful object lighting
- Large, exceptionally easy-to-read display
- Waterproof and dustproof camera unit
- TopClips: Magnet and hook attachment for fixing on the camera head





Camera:	Resolution: 1280 x 720 pixels
Display:	4.3" TFT-colour display Resolution: 480 x 272 pixels
Memory (external):	Supports up to max. 32 GB micro SD-card

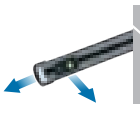
TOPCLIPS Magnet and hook attachment



Inclusive: VideoPocket HDM Duo, TopClips, micro-SD-card, batteries, carrying case

ORDER NO.	EAN-CODE	PU
082.264A	4 021563 735051	2





ø 5,5 mm

CAMERA: 1280 x 720 pixel · LED LIGHT · IP 67
DISPLAY: 480 x 272 pixel · 4,3" TFT · 180° · ZOOM 2x
REC · micro SD · USB · MICRO USB · magnetic · 4x AA · HARD

Video endoscopes



VideoInspector



Professional video inspection system for visually inspecting areas that are difficult to access

VideoInspector
– 2x digital zoom in 10% increments
– Media gallery with date / time information on the images
– Various views available through rotation and mirroring
– REC-Function: picture and video
– Screen size: 3.5“
– Can also run on mains power
– USB port for data transfer and charging battery
– Energy-saving, automatic switch-off after an adjustable set period of time
– Quick replacement of camera unit

InspectorCamera
– 8 high-performance LEDs on the camera for powerful object lighting
– Camera head and probe resistant to petrol and diesel
– Camera head: ø 7,9 mm
– DOF: Focal depth 3…8 cm
– TopClips: Mirror, magnet and hook attachment for fixing on the camera head





TOPCLIPS Mirror, magnet and hook attachment

LI-ION POWER USB-C

Camera:	Resolution: 1280 x 720 pixels
Display:	3.5" TFT-Colour display Resolution: 640 x 480 pixels
Memory (external):	Supports up to max. 32 GB micro-SD-card

Inclusive: VideoInspector, InspectorCamera, TopClips, Li-ion battery, power supply/battery charger incl. international adapter, USB cable, micro-SD-card, magnetic holder, carrying case



ORDER NO.	EAN-CODE	PU
082.233A	4 021563 732197	1

ø 7,9 mm | CAMERA 1280 x 720 pixel | LED LIGHT | IP68 | DISPLAY 640 x 480 pixel | 3,5" TFT | 180° | ZOOM 2x | REC | micro SD | USB-C | 1/4" | magnetic | Li-Ion Accu | HARD

VideoInspector XXL

Product description same as VideoInspector with InspectorCamera XXL
– Camera head: ø 7,9 mm
– DOF: Focal depth 3…8 cm
– TopClips: Mirror, magnet and hook attachment for fixing on the camera head



TOPCLIPS Mirror, magnet and hook attachment

LI-ION POWER USB-C

Inclusive: VideoInspector, InspectorCamera XXL, TopClips, Li-ion battery, power supply/battery charger incl. international adapter, USB cable, micro-SD-card, magnetic holder, carrying case



ORDER NO.	EAN-CODE	PU
082.238A	4 021563 737796	1

ø 7,9 mm | CAMERA 1280 x 720 pixel | LED LIGHT | IP68 | DISPLAY 640 x 480 pixel | 3,5" TFT | 180° | ZOOM 2x | REC | micro SD | USB-C | 1/4" | magnetic | Li-Ion Accu | HARD

VideoInspector Mini

Product description same as VideoInspector with InspectorCamera Mini
– Camera head: ø 6 mm
– DOF: Focal depth 3…8 cm



LI-ION POWER USB-C

Inclusive: VideoInspector, InspectorCamera Mini, Li-ion battery, power supply/battery charger incl. international adapter, USB cable, micro-SD-card, magnetic holder, carrying case



ORDER NO.	EAN-CODE	PU
082.237A	4 021563 737789	1

ø 6 mm | CAMERA 1280 x 720 pixel | LED LIGHT | IP68 | DISPLAY 640 x 480 pixel | 3,5" TFT | 180° | ZOOM 2x | REC | micro SD | USB-C | 1/4" | magnetic | Li-Ion Accu | HARD

Video endoscopes



VideoInspector 3DX

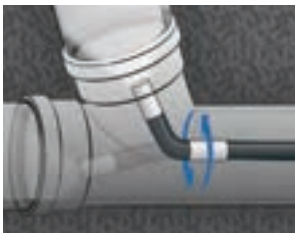


Professional video inspection system with flexible InspectorCamera 3DX with 3D-control of the camera head

VideoInspector
– Maximum flexibility and optimum viewing with manual 3D control of the camera head
– Perfect for hard to reach locations which cannot be viewed with fixed camera
– 2x digital zoom in 10% increments
– Media gallery with date/time information on the images
– Various views available through rotation and mirroring
– REC-Function: picture and video
– Screen size: 3.5"
– Can also run on mains power
– USB port for data transfer and charging battery
– Energy-saving, automatic switch-off after an adjustable set period of time
– Quick replacement of camera unit

InspectorCamera 3DX
– 8 high-performance LEDs on the camera for powerful object lighting
– Camera head and probe resistant to petrol and diesel
– Camera head: ø 9 mm
– DOF: Focal depth 1.5…10 cm







Camera:	Resolution: 1280 x 720 pixels
Display:	3.5" TFT-Colour display Resolution: 640 x 480 pixels
Memory (external):	Supports up to max. 32 GB micro-SD-card

Inclusive: VideoInspector, InspectorCamera 3DX, Li-ion battery, power supply/battery charger incl. international adapter, USB cable, micro-SD-card, magnetic holder, carrying case



ORDER NO.	EAN-CODE	PU
082.235A	4 021563 723294	1

ø 9 mm | CAMERA: 1280 x 720 pixel | LED LIGHT | IP 68 | DISPLAY: 640 x 480 pixel | 3,5" TFT | 180° | ZOOM 2x | 3D | REC | micro SD | USB-C | 1/4" | magnetic | Li-Ion Accu | HARD

VideoInspector 3DM

Product description same as VideoInspector with InspectorCamera 3DM
– Camera head: ø 6 mm
– DOF: Focal depth 3…8 cm





Inklusive: VideoInspector, InspectorCamera 3DM, Li-ion battery, power supply/battery charger incl. international adapter, USB cable, micro-SD-card, magnetic holder, carrying case



ORDER NO.	EAN-CODE	PU
082.234A	4021563 736829	1

ø 6 mm | CAMERA: 1280 x 720 pixel | LED LIGHT | IP 68 | DISPLAY: 640 x 480 pixel | 3,5" TFT | 180° | ZOOM 2x | 3D | REC | micro SD | USB-C | 1/4" | magnetic | Li-Ion Accu | HARD

VideoInspector 3DL

Product description same as VideoInspector with InspectorCamera 3DL
– Camera head: ø 6 mm
– DOF: Focal depth 3…8 cm





Inklusive: VideoInspector, InspectorCamera 3DL, Li-ion battery, power supply/battery charger incl. international adapter, USB cable, micro-SD-card, magnetic holder, carrying case



ORDER NO.	EAN-CODE	PU
082.236A	4 021563 723300	1

ø 6 mm | CAMERA: 1280 x 720 pixel | LED LIGHT | IP 68 | DISPLAY: 640 x 480 pixel | 3,5" TFT | 180° | ZOOM 2x | 3D | REC | micro SD | USB-C | 1/4" | magnetic | Li-Ion Accu | HARD

Industrial endoscopes



VideoFlex HD









Professional, high-resolution video inspection system

VideoFlex HD
- Effective problem localisation behind or in objects, walls, pipes, cavities
- Very detailed image and video capture using high-resolution camera and 1:1 reproduction on the display with no loss of quality
- 2x digital zoom in 10% increments
- REC-Function: picture and video
- Evaluation and documentation using micro-SD-card and USB-C interface
- Extremely clear digital zoom due to camera's high resolution
- Screen size: 5"
- Manual 180° image rotation on the monitor
- Suitable image available on the monitor through rotation and mirroring
- Webcam function for live transmission of inspections to a PC – perfect for stationary operation in industry
- Optimum greyscale contrast reproduction
- Quick replacement of camera unit

HD FlexCamera
- 8 high-performance LEDs on the camera for powerful object lighting
- Camera head and probe resistant to petrol and diesel
- Camera head: ø 7.9 mm
- DOF: Focal depth 3…8 cm
- TopClips: Mirror, magnet and hook attachment for fixing on the camera head

Camera:	Resolution: 1280 x 720 pixels
Display:	5" TFT-Colour display Resolution: 1280 x 720 pixels
Memory (external):	Supports up to max. 32 GB micro-SD-card

TOPCLIPS
Mirror, magnet and hook attachment

HIGH CAPACITY PACK USB-C

Inclusive: VideoFlex HD, HD FlexCamera, TopClips, Li-ion battery pack, power supply/battery charger incl. international adapter, USB cable, magnetic holder, micro-SD-card, carrying case

ORDER NO.	EAN-CODE	PU
082.282A	4 021563 732210	1



ø 7,9 mm

CAMERA 1280 x 720 pixel | LED LIGHT | IP68

DISPLAY 1280 x 720 pixel | 5" TFT | 180° | ZOOM 2x

REC | micro SD | USB-C | magnetic | Li-Ion Accu pack | HARD

VideoFlex HD Micro



Product description same as VideoFlex HD with HD MicroCamera
- Small camera head, ideal for places that are hard to reach
- 6 high-performance LEDs on the camera for powerful object lighting
- Camera head and probe resistant to petrol and diesel
- Camera head: ø 3.9 mm
- DOF: Focal depth 3…8 cm

HIGH CAPACITY PACK USB-C

Inclusive: VideoFlex HD, HD MicroCamera, Li-ion battery pack, power supply/battery charger incl. international adapter, USB cable, magnetic holder, micro-SD-card, carrying case

ORDER NO.	EAN-CODE	PU
082.281A	4 021563 723324	1



ø 3,9 mm

CAMERA 1280 x 720 pixel | LED LIGHT | IP68

DISPLAY 1280 x 720 pixel | 5" TFT | 180° | ZOOM 2x

REC | micro SD | USB-C | magnetic | Li-Ion Accu pack | HARD

Industrial endoscopes and accessories



VideoFlex HD Duo

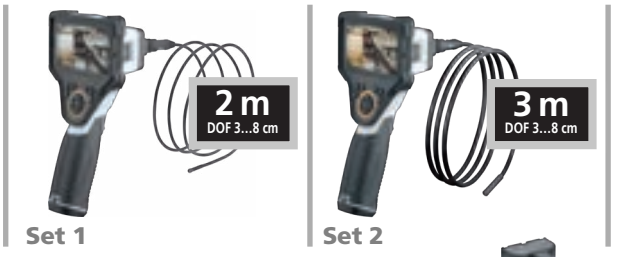


Professional, high-resolution video inspection system with front and side view camera

VideoFlex HD
– Product description same as VideoFlex HD with set HD DuoCamera ø 5 mm / 2 m or ø 7.9 mm / 3 m

HD DuoCamera ø 5 mm / 2 m
– Quick change of view at the touch of a button thanks to front and side cameras
– 6 high-performance LEDs on the camera and 1 LED on the side for powerful object lighting
– Camera head and probe resistant to petrol and diesel
– Camera head: ø 5 mm
– DOF: Focal depth front: 3…8 cm / side: 2…5 cm
– TopClips: Magnet and hook attachment for fixing on the camera head

HD DuoCamera ø 7.9 mm / 3 m
– Product description same as HD DuoCamera ø 5 mm / 2 m
– Camera head: ø 7.9 mm
– DOF: Focal depth front 3…8 cm / side 2…5 cm



TOPCLIPS Magnet and hook attachment

HIGH CAPACITY PACK USB-C

Inclusive: VideoFlex HD, HD DuoCamera, TopClips, Li-ion battery pack, power supply/battery charger incl. international adapter, USB cable, magnetic holder, micro-SD-card, carrying case

Set 1: HD DuoCamera ø 5 mm / 2 m

Set 2: HD DuoCamera ø 7.9 mm / 3 m



ORDER NO.		EAN-CODE	PU
Set 1	082.283A	4 021563 732258	1
Set 2	082.280A	4 021563 713622	1



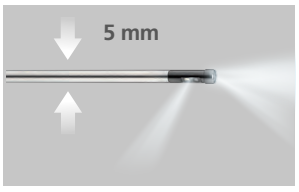


CAMERA 1280 x 720 pixel LED LIGHT IP68 | DISPLAY 1280 x 720 pixel 5" TFT 180° ZOOM 2x | REC micro SD USB-C magnetic Li-Ion Accu pack | HARD

HD BoreScope-Duo Camera



Digital endoscope for VideoFlex HD with small diameter and front and side cameras
– 6 high-performance LEDs on the camera and 1 LED on the side for powerful object lighting
– Camera head: ø 5 mm
– DOF: Focal depth front: 3…8 cm / side: 2…5 cm





Inclusive: HD BoreScope-DuoCamera, softbag

ORDER NO.	EAN-CODE	PU
082.284A	4 021563 732234	1

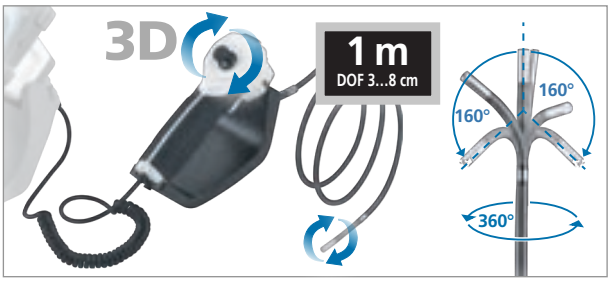


CAMERA 1280 x 720 pixel LED LIGHT IP67 | SOFT

HD 3DM-Controller Camera



Controllable camera unit for VideoFlex HD
– Joystick control of the camera head provides maximum flexibility and optimum viewing
– 8 high-performance LEDs on the camera for powerful object lighting
– Camera head and probe resistant to petrol and diesel
– Camera head: ø 6 mm
– DOF: Focal depth 3…8 cm



Inclusive: InspectorCamera 3DM, HD controller

ORDER NO.	EAN-CODE	PU
082.286A	4 021563 732487	1



CAMERA 1280 x 720 pixel LED LIGHT IP68 | HARD

Industrial endoscopes



VideoFlex G4 Ultra



Professional video inspection system for visually inspecting areas that are difficult to access

VideoFlex G4
– 2x digital zoom in 20% increments
– SmartView: optimal image alignment
– Connection of external monitors via TV Out
– REC-Function: picture and video
– Evaluation and documentation using micro SD card and USB-C interface
– Screen size: 3.5“
– Image rotation in 180° increments
– Mirror function for correcting mirror-inverted images.
– Quick replacement of camera unit

UltraCamera
– 4 high-performance LEDs on the camera for powerful object lighting
– Bright LED lighting means that the camera is able to provide clear still images and video recordings even when lighting conditions are at their poorest.
– Camera head: ø 9 mm
– DOF: Focal depth 1…6 cm
– TopClips: Mirror, magnet and hook attachment for fixing on the camera head



TOPCLIPS
Mirror, magnet and hook attachment



TOPGUIDE
Guide sleeve



Camera:	Resolution: 640 x 480 pixels
Display:	3.5" TFT-Colour display Resolution: 320 x 240 pixels
Memory (external):	Supports up to max. 16 GB micro-SD-card

LI-ION POWER



Inclusive: VideoFlex G4, UltraCamera, TopClips, TopGuide, Li-ion battery, power supply/battery charger incl. international adapter, USB cable, micro-SD-card, video cable, carrying case



ORDER NO.	EAN-CODE	PU
082.240A	4 021563 715725	2

ø 9 mm

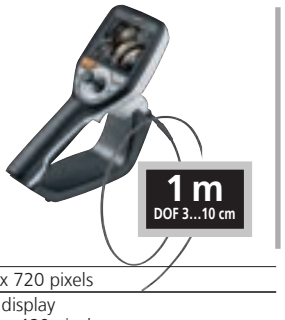
CAMERA 640 x 480 pixel | LED LIGHT | IP68
DISPLAY 320 x 240 pixel | 3,5" TFT | 180° | ZOOM 2x
REC | micro SD | DSI | USB-C | Li-Ion Accu
HARD

VideoInspector 3D Micro









Professional video inspection system with individually movable, extremely compact camera head for confined areas

VideoInspector 3D
– 4x digital zoom in 10% increments
– Connection of external monitors via HDMI
– REC-Function: picture and video
– Screen size: 3.5"
– Image rotation in 90° increments
– Hold function: freeze frame
– USB port for charging battery
– Quick replacement of camera unit

InspectorCamera 3D Micro
– Manual 3D control of titanium camera head which moves through max. 150°
– Small camera head, ideal for places that are hard to reach
– 6 high-performance ceramic LEDs on the camera for powerful object lighting
– Camera head and probe can be used in petrol and diesel
– Camera head: ø 3.9 mm
– DOF: Focal depth 3…10 cm
– High-grade, long-life flexible tungsten tubing

Camera:	Resolution: 960 x 720 pixels
Display:	3.5" TFT-Colour display Resolution: 640 x 480 pixels
Memory (external):	Supports up to max. 8 GB micro-SD-card

LI-ION POWER



Inclusive: VideoInspector 3D, InspectorCamera 3D Micro, Li-ion battery, USB charge cable, magnetic holder, HDMI cable, micro-SD-card, card reader, screwdriver, carrying case



ORDER NO.	EAN-CODE	PU
082.277A	4 021563 734924	1

ø 3,9 mm

CAMERA 960 x 720 pixel | LED LIGHT | IP67
DISPLAY 640 x 480 pixel | 3,5" TFT | 90° | ZOOM 4x
3D | REC | micro SD | magnetic | Li-Ion Accu
HARD

Industrial endoscopes



Drain Inspector HD30

NEW!



Professional pipe inspection system with high-resolution camera, 30-metre PushFlex cable and large colour display

– for pipe diameters from DN 50, ideal for plumbing, leak detection and building services
– 30 m PushFlex cable: Glass fibre-reinforced push cable, rigid enough for insertion yet flexible enough for branched pipe systems
– High-resolution camera for very detailed image and video capture
– Extremely clear digital zoom due to camera's high resolution
– 15 high-performance LEDs on the camera for powerful object lighting
– True colours for highly realistic image
– Compact all-in-one design, easy to carry with one hand and ready for immediate use
– 2 skid adapters (80 and 46 mm): Sliding adapters for smooth movement over joints, edges and debris
– Centring skid adapter (100 mm): Keeps the camera centred in the pipe for optimal image alignment and a full 360° view
– Easy-to-read colour LC display
– Long operating time through powerful lithium-ion battery
– Can also run on mains power
– Practical display of push cable length
– Data storage on SD card
– Media gallery with date/time information on the images
– Comment function via keyboard or audio recording
– Time stamp: Fixed date and time marking on all images
– 11 available languages
– Quick and easy to cleanh









SKID ADAPTER 46 mm



SKID ADAPTER 80 mm



CENTERING SKID ADAPTER 100 mm



Inclusive: DrainInspector HD30, keypad, skid adapter, car adapter, screwdriver, socket wrench, replacement seal for camera, network/charging device incl. international adapter

ORDER NO.	EAN-CODE	PU
084.230A	4 021563 740956	1



ø 23 mm

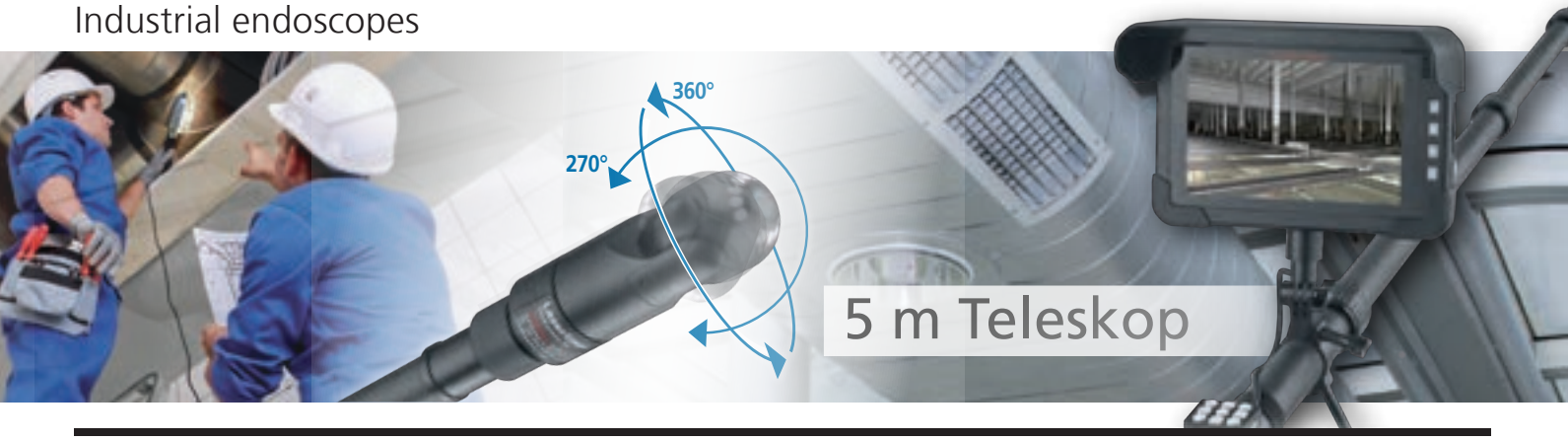
CAMERA 1920 x 1080 pixel | LED LIGHT | IP68 | AUTO LEVEL VIEW

DISPLAY 1024 x 600 pixel | 10,1" LCD | 90° | ZOOM 2,5x

REC jpg/mp4 | micro SD | Li-Ion Accu

HARD

Industrial endoscopes



VideoPilot 3D 5m

NEW!

Professional telescopic video inspection system with motor-controlled camera head, high-resolution 3D camera, 5 m pull-out rod and large 7" touchscreen

- Telescopic design ideal for reaching high, low or distant points
- Suitable for a wide range of applications, for example in maintenance, service, trades, industry and building services
- Camera head can be motorised to rotate through 360° and tilt through 270° for fast, flexible adjustment of the viewing angle
- Highly detailed image and video recordings using high-resolution camera and excellent display quality on the 7" TFT touchscreen
- Extremely clear digital zoom due to camera's high resolution
- High-intensity object illumination at the camera head via 12 high-performance LEDs, adjustable in 10 levels
- True colours for highly realistic image
- Optimum greyscale contrast reproduction
- Image orientation can be rotated in 90° increments on the monitor for correct display
- HDMI connection for transmitting the inspection image to an external monitor
- Powerful lithium-ion battery with long operating time
- Device rechargeable via multi-standard power supply unit
- Can also be used while charging
- Evaluation and documentation using micro SD card and USB-C interface
- Media gallery with date/time information on the images
- Time stamp: fixed marking of all images with date and time irrespective of the display medium
- 9 available languages
- Convenient device operation via touchscreen
- Sunshade on the touchscreen reduces ambient light for improved contrast reproduction, even in very bright surroundings
- Intercom function between camera head and headset
- Practical carrying case protects the device and accessories and is easy to transport











Camera:	Resolution: 2560 x 1944 pixels
Display:	7" TFT-Colour display Resolution: 1280 x 800 pixels
Memory (external):	Supports up to max. 128 GB micro-SD-card

Inclusive: VideoPilot 3D, PilotCamera 3D, Telescopic stand, Touchscreen display, Base, Headset, Integrated Li-ion battery pack, network/charging device incl. international adapter, USB-C-cable, HDMI cable, Monitor extension cable, screwdriver, hand grip, carrying case

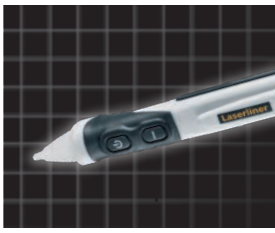
ORDER NO.	EAN-CODE	PU
084.330A	4021563746880	1

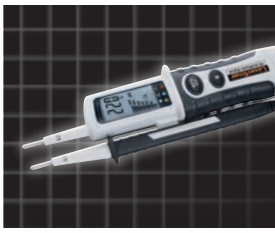
ø 35 mm

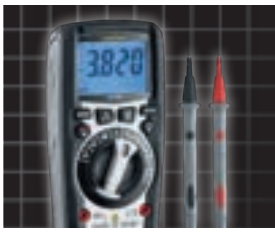
CAMERA 2560 x 1944 pixel · LED LIGHT · IP 65
DISPLAY 1280 x 800 pixel · 7" LCD · 180° · ZOOM 10x
REC jpg/mp4 · micro SD · MICRO USB · DSV · Li-Ion Accu · HARD

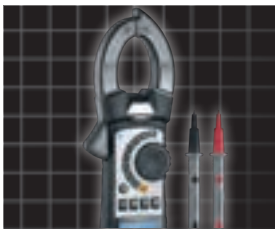
Electrical meters

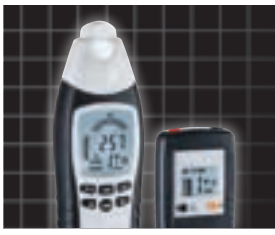


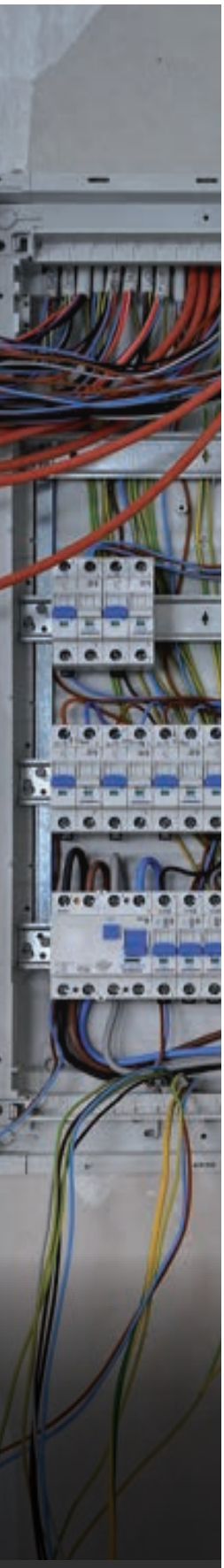












BUILDING INSTALLATIONS AND ELECTRICAL SYSTEMS

Whether non-contact voltage tester, fully-protected multimeter or universal cable tracer: Professional tradesmen appreciate the varied functions of electrical tester and will find the right measuring instrument for the job here. The user guide provides an overview of electrical test segments and working ranges.

Overview



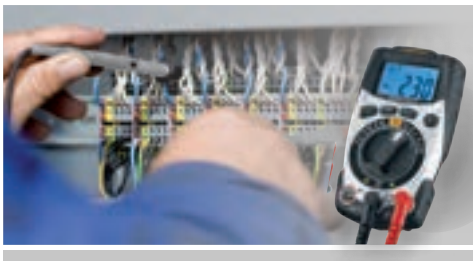





Working ranges	ActiveFinder Plus / Pro / XP	ActiveMaster Digital	MultiMeter Pocket XP	MultiMeter XP	Clamp-Meter XP	CableTracer Pro
Detecting AC	24 - ... / 100 - ... / 12 - 1000 V contactless	110 - 230 V	110 - 230 V contactless	110 - 230 V contactless	110 - 230 V contactless	110 - 230 V contactless
Locating Electrical / metal lines						12 - 250 V zero-potential/ mains voltage
Verifying Function / continuity test	phase	continuity / phase	continuity / diodes /	continuity / diodes / Low Z	Ccontinuity / diodes /	
Identifying Voltages		12, 24, 36, 50, 120, 230, 400, 690 V				12, 50, 120, 230, 400 V
Quantifying Units		5 - 690 V	V, A , Ω, F, %, Hz	V, A , Ω, F, %, Hz, °C/°F	V, A , Ω, F, %, Hz, °C/°F	
Overvoltage categories CAT	CAT III 1000V / CAT IV 1000V / CAT IV 1000V	CAT II 1000V / CAT III 1000V / CAT IV 600V	CAT III 600V / CAT IV 600V	CAT III 1000V / CAT IV 600V	CAT III 1000V / CAT IV 600V	CAT II 300V / CAT III 300V

Detecting	Detecting electrical alternating fields / potential
Locating	Locating line routing with transmitter and receiver
Verifying	Function and continuity test
Identifying	Identifying voltages
Quantifying	Determining electrical variables
Overvoltage categorie	Safety classification of working voltage and voltage peaks

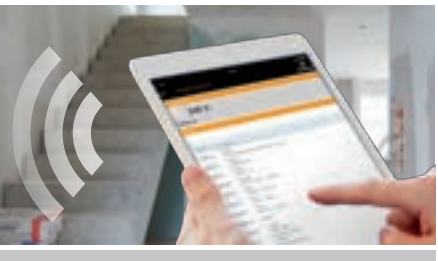
Electrical variable	Description	Unit	Alternating current = AC Direct current = DC
U	Voltage	V (volt)	AC / DC
I	Current	A (ampere)	AC / DC
R	Resistance	Ω (ohm)	DC
C	Capacitance	F (farad)	DC
f	Frequency	Hz (hertz)	AC
V	Duty factor	% (percent)	AC
T	Temperature	°C / °F	



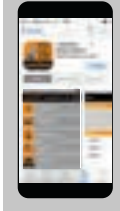
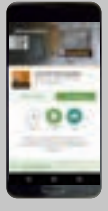
DIGITAL CONNECTION

Free – MeasureNote app

Multifunctional app for Laserliner measuring technology for a fast data transfer



Download on the App Store | GET IT ON Google Play

Measurement and documentation app for smartphones and tablets



- Store measured data in one place with map
- Insert markers in photos
- Send object photos with measured values by email, WhatsApp etc
- The last known location of the unit is stored
- Automatic voice output of measured values
- Direct link to operating instructions
- Calculator
- Note down important details
- Languages: DE, EN, NL, DA, FR, ES, IT, PL, FI, SV, NO, JA

Phase and voltage testers



ActiveFinder Plus



Contactless handy voltage tester – work safely on electrical lines
- Locates electrical voltages in cables, sockets, bulb sockets and fuses
- Tracing live cables, e.g. at power sockets and terminals
- Finds breaks in wires and cables
- Extremely high sensitivity for tracing lines at great depths (Zoom)
- Clearly visible LED for signalling electrical voltages
- Integrated flashlight

Voltage range:
24…1000 V/AC, frequency: 50…60 Hz

Inclusive: ActiveFinder, softbag, batteries

ORDER NO.	EAN-CODE	PU
083.011A	4 021563 695638	5

CAT III 1000V · AutoSound · 2x AAA · SOFT

ActiveFinder Pro



Contactless handy voltage tester – localisation of electrical wiring and systems
- Locates electrical voltages in cables, sockets, bulb sockets, fuses as well as control cabinet and system components
- Tracing live cables, e.g. at power sockets and terminals
- Finds breaks in wires and cables
- Indication of electrical voltages with visual LED multicolour signalling and acoustic warning
- Integrated flashlight

Voltage range:
100…1000 V/AC, frequency: 50…60 Hz

Inclusive: ActiveFinder Pro, softbag, batteries

ORDER NO.	EAN-CODE	PU
083.014A	4 021563 705078	5

CAT IV 1000V · AutoSound · 2x AAA · SOFT

ActiveFinder XP



Professional, contactless voltage tester – localisation of electrical wiring and systems
- Locates electrical voltages in cables, sockets, bulb sockets, fuses as well as control cabinet and system components
- Tracing live cables, e.g. at power sockets and terminals
- Finds breaks in wires and cables
- Indication of electrical voltages with visual LED multicolour signalling, acoustic and vibration warning
- For tracing lines at great depths (Zoom)
- Powerful, integrated flashlight
- Rugged, impact-resistant waterproof housing

Voltage range:
12…1000 V/AC, frequency: 50…60 Hz

Inclusive: ActiveFinder XP, softbag, batteries

ORDER NO.	EAN-CODE	PU
083.013A	4 021563 698905	5

CAT IV 1000V · AutoSound · IP 67 · 2x AAA · SOFT

ActiveMaster Digital



Digital voltage and continuity tester with bar graph and numerical measured value display
- Voltage tester with the most commonly used nominal voltages
- Automatic AC voltage and DC voltage test
- Automatic range and function changeover for direct testing and measurement
- Single-phase and rotary field test with phase sequence display
- Single-pole phase testing
- Automatic continuity tester with acoustic signal
- Safety self-test (AC warning) as from 50 V, operates in emergency mode without battery
- Rugged, practical enclosure with lockable test prod spacing (for standard EU connector)

LC-display / resolution:
3.5 places, 1999 digit / 1 V AC/DC (numerical display)
Voltage range:
6, 12, 24, 50, 120, 230, 400, 690 V AC/DC (bar graph display)
Peak current:
Is < 3.0 mA

Inclusive: ActiveMaster Digital, protective covers, batteries

ORDER NO.	EAN-CODE	PU
083.025A	4 021563 679836	2

CAT II 1000V · CAT III 1000V · CAT IV 600V · AutoSound · IP 64 · 2x AAA

Multimeters



MultiMeter Pocket XP





MeasureNote App





Precise and robust professional multimeter in a compact design with Digital Connection interface

- Precise voltage, current, resistance, capacitance, frequency and duty factor measurement
- Automatic range changeover and manual range preselection
- Automatic continuity tester
- Diode test function for determining integrity and polarity
- Digital Connection interface for measurement data transfer
- High display resolution of 4.000 counts for exact determination of all measured quantities
- Large measurement bandwidth for frequency measurement from 10 Hz to 10 kHz
- Min./Max function
- Compact, impact-resistant enclosure with base support and selector switch
- Large, easy-to-read LC display



Voltage range:	V/DC: 400 mV…4…40…400 V / 600 V ± (1,0% / 1,2%) V/AC: 4…40…400 V / 600 V ± (1,0% / 1,2%)
Current range:	A/DC: 400 µA / 4…40…400 mA / 10 A ± (1,0% / 1,5% / 2,5%) A/AC: 400 µA / 4…40…400 mA / 10 A ± (2,0% / 2,5% / 3,0%)
Resistance range:	400 Ω / 4…40…400 kΩ…4 MΩ / 40 MΩ ± (1,0% / 1,5% / 3,5%)
Capacitance range:	40 nF / 400 nF…4…40 µF / 400 µF / 4000 µF ± (5,0% / 3,0% / 4,0% / 5,0%)
Frequency range:	10…100…1000 Hz…10 kHz / ± 1,0%
Duty factor range:	1,0…99% / ± 1,2%

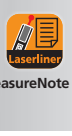
Inclusive: MultiMeter Pocket XP, 2 test prods, softbag, batteries

ORDER NO.	EAN-CODE	PU
083.036A	4 021563 699391	2

CAT III 600V · CAT IV 600V · AutoSound · 2x AAA · SOFT

MultiMeter XP





MeasureNote App





Precise and robust professional multimeter with Low Z low impedance mode and Digital Connection interface

- Precise voltage, current, resistance, capacitance, frequency, duty factor measurement and contact temperature
- Automatic range changeover and manual range preselection
- Automatic continuity tester
- Diode test function for determining integrity and polarity
- Digital Connection interface for measurement data transfer
- High display resolution of 6.000 counts for exact determination of all measured quantities
- Large measurement bandwidth for frequency measurement from 10 Hz to 10 kHz
- Low Z low impedance mode for the reliable prevention of stray or ghost voltages in cables and circuit elements
- Min./Max./AVG/PEAK function with PEAK +/- evaluation
- Thermometer function
- High-resolution analogue bar graph scale with 61 segments for reliable signal analysis
- Connection for K-type temperature sensor
- Compact, impact-resistant enclosure with base support and selector switch
- Large, easy-to-read LC display





Voltage range:	V/DC: 600 mV / 6…60…600 V / 1000 V ± (0,5% / 0,8% / 1,0%) V/AC: 6…60…600 V / 1000 V ± (1,0% / 1,2%) V/DC + V/AC Mode: 6…60…600…1000 V ± 1,5%
Current range:	A/DC: 600 µA…6…60…600 mA / 10 A ± (1,0% / 1,5%) A/AC: 600 µA…6…60…600 mA / 10 A ± (1,0% / 2,0%)
Resistance range:	600 Ω…6…60…600 kΩ…6 MΩ / 60 MΩ ± (1,5% / 2,0%)
Capacitance range:	60 nF / 600 nF…6…60…600 µF / 6000 µF ± (5,0% / 3,0% / 5,0%)
Frequency range:	10…100…1000 Hz…10 kHz / ± 1,0%
Duty factor range:	20%…80% / ± 1,2%
Contact temperature K-type:	-20 … 760°C / ± 1%

Inclusive: MultiMeter XP, 2 test prods, K-type-temperature sensor with adapter, batteries, carrying case



ORDER NO.	EAN-CODE	PU
083.037A	4 021563 699407	2

CAT III 1000V · CAT IV 600V · AutoSound · 4x AAA · HARD

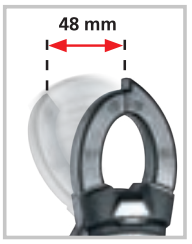
Multimeter and cable detector

ClampMeter XP









Professional, highly accurate and robust clip-on multimeter with Digital Connection interface
- Precise voltage, current, resistance, capacitance, frequency, duty factor measurement and contact temperature
- AC/DC clip-on ammeter with large clamping width of 48 mm
- Automatic range changeover
- Automatic continuity tester
- Diode test function for determining integrity and polarity
- Digital Connection interface for measurement data transfer
- Very high display resolution of 50.000 counts for exact determination of all measured quantities
- Large measurement bandwidth for frequency measurement from 50 Hz to 10 MHz
- Peak/INRUSH with Min./Max. function for determining short-term inrush currents and voltage peaks
- Min./Max. function
- Connection for K-type temperature sensor
- Impact-resistant housing with selector switch
- Large, easy-to-read backlit LC display with bar graph scale with 51 segments for reliable signal analysis

Voltage range:	V/DC: 500 mV…5…50…500 V / 1000 V ± (1,0% / 1,5%) V/AC: 500 mV…5…50…500 V / 1000 V ± (1,0% / 3,0%)
Current range:	A/DC: 500…1000 A / ± 2,5% A/AC (50-60 Hz) 500…1000 A / ± 2,5%
Resistance range:	500 Ω…5…50…500 kΩ / 5 MΩ / 50 MΩ ± (1,0% / 2,0% / 3,0%)
Capacitance range:	500 nF / 5000 nF…50…500 µF…5000 mF ± (3,5% / 5,0%)
Frequency range:	50…500 Hz…5…50…500 kHz…5…10 MHz ± 0,3%
Duty factor range:	5%…95% / ± 1,0%
Contact temperature K-type:	-100°C…1000°C / ± 1%



Inclusive: ClampMeter XP, 2 test prods, K-type-temperature sensor with adapter, batteries, carrying case



ORDER NO.	EAN-CODE	PU
083.043A	4 021563 699377	2

CAT III 1000V · CAT IV 600V · AutoSound · 9V · HARD

Cable tracer with transmitter, receiver, test prods, test clamps

- **Locates electrical cables, fuses, circuit breakers, metal pipes, interrupted cables, short-circuits**
- **Display of AC / DC voltages**



CableTracer Pro









Universal, flexible cable tracer set including transmitter and receiver
- Non-contact tracing of the transmission signal by the receiver
- Locates electrical cables, fuses, circuit breakers, metal pipes (such as heating pipes) and much more
- Locates interrupted cables in existing installations and short-circuits in existing installation cables
- May be used with or without mains voltage
- High frequency of 125 kHz
- Display of DC and AC voltages
- Signal coding allows as many as 7 senders to be used with one receiver and is thus ideal for complex installation settings
- Integrated AC voltage detector
- Permanent AC voltage warnings
- Integrated illumination of measuring points
- Clearly arranged, illuminated displays

Receiver CableTracer RECV
Measuring range: 0...2 m measuring depth



Inclusive: transmitter CableTracer TX, receiver RECV, connecting cable, test prods, test clamps, batteries, carrying case



ORDER NO.	EAN-CODE	PU
083.070A	4 021563 671212	1

CAT II 300V · CAT III 300V · 2x 9V · HARD

Electronic scanners









Stud, metal and power cable locating



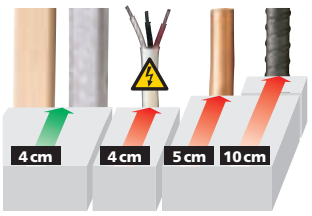
MultiFinder Pro



Universal detector for locating wood, metal, copper, iron and live wires
– One-button operation to switch between the different measurement modes
– The user guide on the LC display makes the device easy and reliable to use.
– Auto-Calibration: adjusts the device to different surfaces immediately after switching on.
– Auto-Cal Plus: allows objects to be localised easily in Metal-Scan mode.
– Acoustic and visual detection signals for finding objects.
– High safety is guaranteed by the permanent voltage warning function.
– Special feature: in metal mode, it is even able to detect concealed lines when they are not live.
– Illuminated display









Inclusive: MultiFinder Pro, softbag, battery



ORDER NO.	EAN-CODE	PU
080.966A	4 021563 703630	5

AUTO CALIBRATION · AUTO CAL PLUS · 9V · SOFT

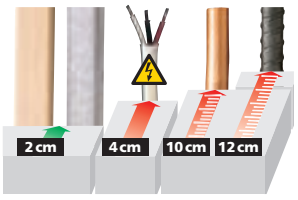
MultiScanner Plus



Electronic locating device for metal objects, live wiring, wall beams and joists – includes depth display in metal mode and centre/edge display when locating beams
– Targeted location of hidden, magnetic or non-manetic metals under stone, concrete, screed, wood, ceramic and mineral building materials
– Device provides information on whether magnetic or non-magnetic metal has been detected
– Precise depth display in metal mode to check drilling depths
– Precise location of live and non-live wiring, such as under plaster or wooden panelling
– Precise location of wall beams and joists in drywall structures, including centre/edge display
– Automatic and manual calibration functions for optimum adjustment to the surface and isolation of measured objects
– Suitable for all non-metallic structures
– Simple and reliable application thanks to user guide on LC display











Inclusive: MultiScanner Plus, Li-ion battery pack, USB-C-cable, carrying case



ORDER NO.	EAN-CODE	PU
080.967A	4 021563 719433	2

AUTO CALIBRATION · AUTO CAL PLUS · Li-ion Accu · HARD

Drill guides



CenterScanner Compact







Range 120 cm



Wall thickness display

Professional drill guide for accurate positioning of entry and exit points when drilling walls and ceilings
- System consisting of a transmitter and a receiver enables easy drill channel alignment up to a wall thickness of 120cm
- Clearly visible LED indicators enable precise localization of entry and exit positions and acoustic signals
- Easily accessible marking tools in the transmitter and receiver for centering purposes
- Integrated display can be used to determine the required drilling depth up to 150cm
- Visual and acoustic warning when metal and voltage are detected

Inclusive: transmitter CenterScanner Compact TX, receiver RECV, adhesive kit, sliding pads (4x), batteries, carrying case



ORDER NO.	EAN-CODE	PU
075.400A	4 021563 730346	2

AutoSound TX 3x AAA RECV 3x AAA HARD

CenterScanner Plus



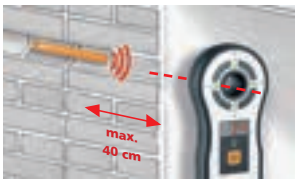




Range 150 cm



Wall thickness display



CENTERPLUG



CenterPlug Range 40 cm

Professional drill guide for accurate positioning of entry and exit points when drilling walls and ceilings
- System consisting of a transmitter and a receiver enables easy drill channel alignment up to a wall thickness of 150cm
- Clearly visible LED indicators enable precise localization of entry and exit positions and acoustic signals
- Easily accessible marking tools in the transmitter and receiver for centering purposes
- Integrated display can be used to determine the required drilling depth up to 200cm
- TX transmitter with integrated metal and voltage detection for safer drilling
- Visual and acoustic warning when metal and voltage are detected

CenterPlug for marking initially unused cables, concealed installations such as pipes or cables and drilling points for later installation work
- Remains detectable for up to 15 years
- Includes M8 thread and compatible with Fishtape to run new cables through walls

Inclusive: transmitter CenterScanner Plus TX, receiver RECV, CenterPlug, adhesive kit, sliding pads (4x), batteries, carrying case

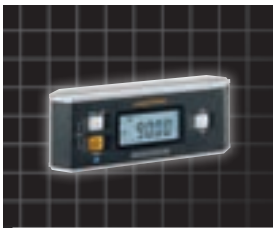


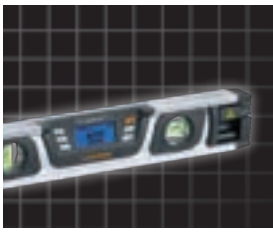
ORDER NO.	EAN-CODE	PU
075.300A	4 021563 699926	2

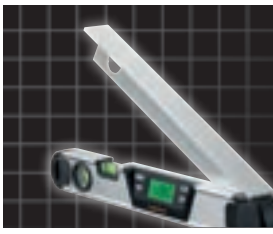
AutoSound TX 3x AAA RECV 3x AAA HARD

Electronic measuring tools









ALIGNMENT MADE EASY

Precision vertical and horizontal alignment or set-up of inclines make structural and interior finishing work easier during refurbishment and renovation.

The electronic spirit levels feature an illuminated flip display, powerful magnets and much more.
A special feature of the DigiLevel Laser is the fold-out, green wall-line-laser to extend the measurement area!

Overview



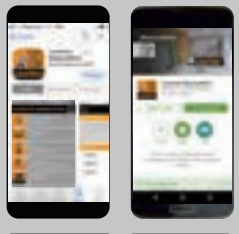




	MasterLevel Box Pro / Compact Plus		DigiLevel Compact	DigiLevel-Laser G40 / G80	DigiLevel Pro 40 / 60 / 80 / 100 /120	ArcoMaster 40 / 60
Accuracy of electronic measurements	± 0,05° at 0°…1° ± 0,05° at 89°…90° ± 0,1° at 1°…89°		± 0,05° at 0°…1° ± 0,05° at 89°…90° ± 0,1° at 1°…89°	± 0,1° at 0°…1° ± 0,1° at 89°…90° ± 0,2° at 1°…89°	± 0,05° at 0°…1° ± 0,05° at 89°…90° ± 0,1° at 1°…89°	± 0,2°
Length / cm	6	15	23	40 / 80	40 / 60 / 80 / 100 / 120	40 / 60
Angle display	360° (4 x 90°)		360° (4 x 90°)	360° (4 x 90°)	360° (4 x 90°)	0°…220°
Calibration function	●		●	●	●	
Reference mode	●		●	●	●	
Flip-display	●		●	●	●	●
Laser				line	point	
Hold function	●		●	●	●	●
AutoSound		●	●	●	●	

● = available





Download on the App Store
GET IT ON Google Play

Measurement and documentation app for smartphones and tablets



- Store measured data in one place with map
- Insert markers in photos
- Send object photos with measured values by email, WhatsApp etc
- The last known location of the unit is stored
- Automatic voice output of measured values
- Direct link to operating instructions
- Calculator
- Note down important details
- Enables remote triggering of measurement
- Languages: DE, EN, NL, DA, FR, ES, IT, PL, FI, SV, NO, JA

Digital slope indicators and digital spirit levels

MasterLevel Box Pro



Practical, digital slope indicators with Digital Connection interface
- Angles can be transferred in reference mode.
- The flip-display feature changes the display automatically when making overhead measurements.
- Digital Connection interface for measurement data transfer
- Calibration function to recalibrate the sensor and increase the measuring accuracy
- Powerful magnets
- Hold function
- Compact in mini format

Angle display:	360° (4 x 90°)
Accuracy of electronic measurements:	± 0.05° at 0°…1° ± 0.05° at 89°…90° ± 0.1° at 1°…89°

Inclusive: MasterLevel Box Pro, softbag, battery

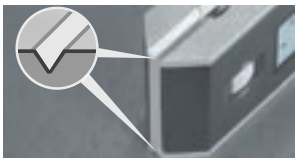
ORDER NO.	EAN-CODE	PU
081.262A	4 021563 700233	2

magnetic · 1x AAA · SOFT

MasterLevel Compact Plus



Digital slope indicators in compact format with Digital Connection interface
- An acoustic signal is sounded at 0° and 90° as an aid to ease the alignment of objects.
- Angles can be transferred in reference mode.
- The flip-display feature changes the display automatically when making overhead measurements
- Digital Connection interface for measurement data transfer
- Calibration function to recalibrate the sensor and increase the measuring accuracy
- V-groove, for holding on pipes
- Powerful magnets
- Hold function





Angle display:	360° (4 x 90°)
Accuracy of electronic measurements:	± 0.05° at 0°…1° ± 0.05° at 89°…90° ± 0.1° at 1°…89°

Inclusive: MasterLevel Compact Plus, batteries, carrying case



ORDER NO.	EAN-CODE	PU
081.265A	4 021563 702626	2

magnetic · AutoSound · 2x AAA · HARD



DigiLevel Compact



Digital electronic spirit levels with Digital Connection interface
- Compact design, fits in any toolbox
- An acoustic signal is sounded at 0°, 45°, 90°, 135° and 180° as an aid to ease the alignment of objects.
- Slope storage for exact transfer of angles
- The flip-display feature changes the display automatically when making overhead measurements
- Digital Connection interface for measurement data transfer
- Calibration function to recalibrate the sensor and increase the measuring accuracy
- Powerful magnets on the underside, milled measuring surface
- Effective protection from shocks due to rubber end caps
- Hold function





Angle display:	360° (4 x 90°)
Accuracy of electronic measurements:	± 0.05° at 0°…1° ± 0.05° at 89°…90° ± 0.1° at 1°…89°
Vial precision:	± 0.5 mm / m

Inclusive: DigiLevel Compact, softbag, batteries

ORDER NO.	EAN-CODE	PU
081.280A	4 021563 716210	2

magnetic · AutoSound · IP67 · 2x AAA · SOFT

Digital spirit levels and digital gauge

HIGH VISIBILITY



DigiLevel Laser

Digital electronic spirit level with green laser technology
- Good visibility through green laser technology
- An acoustic signal is sounded at 0°, 45°, 90°, 135° and 180° as an aid to ease the alignment of objects.
- Angles can be transferred in reference mode.
- The flip-display feature changes the display automatically when making overhead measurements
- Calibration function to recalibrate the sensor and increase the measuring accuracy
- Powerful magnets on the underside, milled measuring surface, additional vertical and horizontal vial
- Hold function





Angle display:	360° (4 x 90°)
Accuracy of electronic measurements:	± 0.1° at 0°…1° ± 0.1° at 89°…90° ± 0.2° at 1°…89°
Vial precision:	± 0.5mm / m

Info 40 cm Info 80 cm



DigiLevel-Laser G40 / G80
Length 40 / 80cm

* Approx. 6 times brighter than a typical red 630 - 660nm laser

Inclusive: DigiLevel Laser, softbag, batteries

ORDER NO.		EAN-CODE	PU
40 cm	081.255A	4 021563 704064	5
80 cm	081.257A	4 021563 704088	5

Laser 515 nm · 2 · 6x · 180° · magnetic · AutoSound · 2x AAA · SOFT

DigiLevel Pro

MeasureNote App

Digital electronic spirit levels with Digital Connection interface
- With spot laser as an optical extension for point-precise assessment of height and angle
- An acoustic signal is sounded at 0°, 45°, 90°, 135° and 180° as an aid to ease the alignment of objects.
- Angles can be transferred in reference mode.
- The flip-display feature changes the display automatically when making overhead measurements
- Digital Connection interface for measurement data transfer
- Calibration function to recalibrate the sensor and increase the measuring accuracy
- Powerful magnets on the underside, milled measuring surface, additional vertical and horizontal vial
- Hold function





Angle display:	360° (4 x 90°)
Accuracy of electronic measurements:	± 0.05° at 0°…1° ± 0.05° at 89°…90° ± 0.1° at 1°…89°
Vial precision:	± 0.5mm / m



DigiLevel Pro 40 / 60 / 80 / 100 /120
Length 40 / 60 / 80 / 100 / 120cm

Info 40 cm Info 120 cm

Inclusive: DigiLevel Pro, softbag, batteries

ORDER NO.		EAN-CODE	PU
40 cm	081.270A	4 021563 706471	2
60 cm	081.271A	4 021563 706488	2
80 cm	081.272A	4 021563 706495	2
100 cm	081.274A	4 021563 712960	2
120 cm	081.275A	4 021563 712977	2

Laser 635 nm · 2 · BS · 180° · magnetic · AutoSound · IP 54 · 2x AAA · SOFT

Digital spirit levels and digital gauge



ArcoMaster



Display on each side (front and rear)





Digital electronic angle measuring devices with angle display
– Hinged bevel extensible in both directions
– Additional vertical and horizontal vial
– An illuminated LCD display on each side (front and rear)
– Hold function
– Automatic calculation of angle bisection

– **ArcoMaster 40 / 60**
Arm length 40 / 60cm

Angle display:	0°…220°
Accuracy of electronic measurements:	± 0.2°
Vial precision:	± 0.25mm / m

Inclusive: ArcoMaster, softbag, batteries

Info 40 cm

Info 60 cm



ORDER NO.		EAN-CODE	PU
40 cm	075.130A	4 021563 664016	2
60 cm	075.131A	4 021563 666683	2

180° 2 x AA SOFT

Distance meters



















Laser distance measurement

PRECISE MEASUREMENT

Overview










	DM 50	DM Plus 100	DM Vision	DM LiveCam	LRM Gi5	LRM Gi7 Pro	LRM Gi4 Mini	LRM Gi8 Pro
Measuring system	Laser	Laser	Laser	Laser	Green laser	Green laser	Green laser	Green laser
Measuring range / m	0.1 –50*	0.1 – 100*	0.05 – 80*	0.2 – 150*	0.05 – 50*	0.05 – 70*	0.3 – 40*	0.05 – 80*
Accuracy / mm	±1.5 (typical)*	±1.5 (typical)*	±2 (typical)*	±1.5 (typical)*	±2 (typical)*	±2 (typical)*	±2 (typical)*	±2 (typical)*
Distance, area, volume calculation	●	●	●	●	●	●	●	●
Min./Max. continuous measurement	●	●	●	●	●	●	●	●
Addition / subtraction	●	●	●	●	– / ●	– / ●		●
Pythagoras / trapezoid	1 + 2 + 3 / –		1 + 2 + 3 / –	1+2+3 / 1 + 2			1 + 2 / –	
Memory / quantity	50	50	50	50	50	50	20	50
Stake out / timer function			●	●				
Wall surface function		●	●					●
Point-to-point				●				
Angle function		1 + 2 + 3**	1**	1 + 2**	1 + 2 + 3**	1 + 2 + 3**		1 + 2 + 3**
Digital bubble level		●	●	●	●	●		●
Camera			●	●				
Measuring positions corner / behind / tripod / front	–/●/●/●	–/●/●/●	●/●/●/●	–/●/●/●	–/●/–/●	–/●/–/●	–/●/–/●	–/●/●/●
Reflection surfaces				●				
360° inclination sensor		●	●	●	●	●		●
IP	65	65	54	65	40	40	40	66
Battery	Alakl.	Alakl.	Li-On	Li-On	Li-On	NiMH	Alakl.	NiMH

● = available

* See operating instructions for specific measuring ranges and accuracies
** In combination with 360° inclination sensor

LRM = LaserRange-Master
DM = DistanceMaster





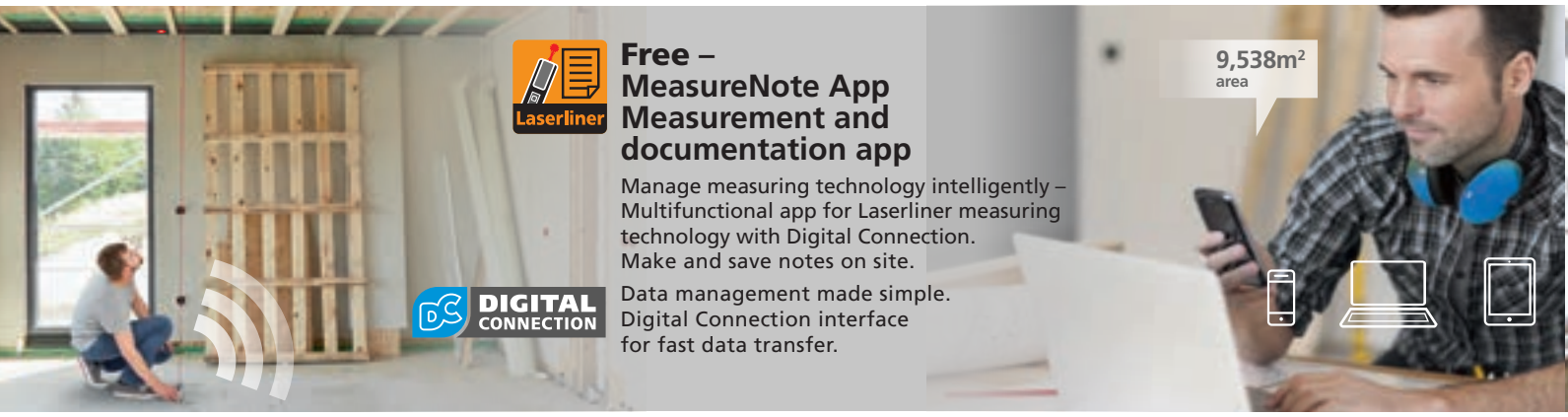


ROBUST



- Store measured data in one place with map
- Insert markers in photos
- Send object photos with measured values by email, WhatsApp etc
- The last known location of the unit is stored
- Automatic voice output of measured values
- Direct link to operating instructions
- Calculator
- Note down important details
- Enables remote triggering of measurement
- Languages: DE, EN, NL, DA, FR, ES, IT, PL, FI, SV, NO, JA

Laser distance measurement



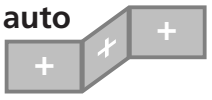
DistanceMaster 50



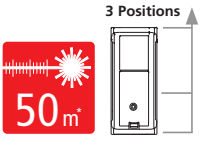
Laser distance meter with Pythagoras angle function

– Measuring range, internal 0.1 to 50m*
– Measuring precision of ± 1.5 mm (typical)*
– The area and volume functions permit the calculation of room sizes, e.g. for material quantities
– The wall surface function automatically adds up surfaces by measuring the lengths of walls as well as their height once.
– Simple assessment of room perimeter with the addition and subtraction functions
– Pythagoras 1 + 2 + 3, min./max. continuous measurement
– Illuminated 4-line VTN display
– 1/4" threaded connection
– Energy-saving Auto Off function when not in use
– Sturdy, ergonomically designed casing

* See operating instructions for specific measuring ranges and accuracies



Automatic addition of wall surfaces with the same height



Inclusive: DistanceMaster, batteries, carrying case



ORDER NO.	EAN-CODE	PU
080.982A	4 021563 732012	5



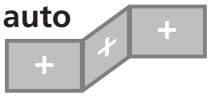
DistanceMaster Plus 100



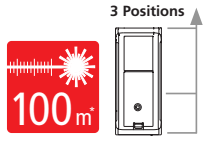
Laser distance meter with angle function and Digital Connection interface

– Measuring range, internal 0.1 to 100 m*
– Measuring precision of ± 1.5 mm (typical)*
– The area and volume functions permit the calculation of room sizes, e.g. for material quantities
– Simple assessment of room perimeter with the addition and subtraction functions
– Angle function 1 + 2 + 3**, min./max. continuous measurement
– The wall surface function automatically adds up surfaces by measuring the lengths of walls as well as their height once.
– Digital bubble level is used to align the measuring device
– Digital Connection interface for measurement data transfer
– USB port for charging batteries
– Illuminated 4-line colour LC display
– 1/4" threaded connection
– Energy-saving Auto Off function when not in use
– Sturdy, ergonomically designed housing

* See operating instructions for specific measuring ranges and accuracies
** In combination with 360° inclination sensor



Automatic addition of wall surfaces with the same height





Inclusive: DistanceMaster Plus, USB charging cable, Li-ion battery, carrying case



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080.983A	4 021563 732029	5



Laser distance measurement



DistanceMaster Vision

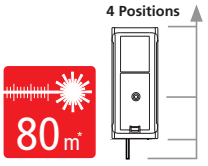


Laser distance meter with camera function
- Measuring range 0.05 to 80 m*
- Measuring precision of ± 2 mm (typical)*
- The area and volume functions permit the calculation of room sizes, e.g. for material quantities
- Simple assessment of room perimeter with the addition and subtraction functions
- Pythagoras 1 + 2 + 3, angle function 1**, Min./Max. continuous measurement
- The wall surface function automatically adds up surfaces by measuring the lengths of walls as well as their height once.
- Stake out function for marking off defined lengths
- Camera with digital zoom
- Digital bubble level is used to align the measuring device
- Timer function to automatically trigger
- 360° inclination sensor for determining the horizontal and vertical distance
- USB port for charging batteries
- 1/4" threaded connection
- Illuminated colour LCD display
- Sturdy, ergonomically designed housing

* See operating instructions for specific measuring ranges and accuracies
** In combination with 360° inclination sensor



4 Positions





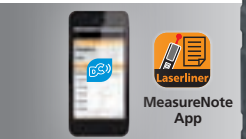
Inclusive: DistanceMaster Vision, USB charging cable, rechargeable batteries, carrying case



ORDER NO.	EAN-CODE	PU
080.980A	4 021563 703661	2

Laser 635 nm | 2 | IP65 | 1/4" | NiMH Battery | HARD

DistanceMaster LiveCam





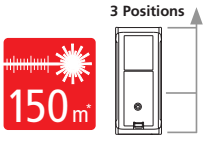
Multi-functional laser distance meter with HD camera spotter, automatic 4x zoom and Digital Connection
- HD camera accurately targets the measurement point
- Perfect for use outdoors and in bright environments
- Measuring range 0.2 to 150 m*
- High measuring precision of ± 1.5 mm (typical)*
- The area and volume functions permit the calculation of room sizes, e.g. for material quantities
- Features distance, surface and volume calculation, Pythagoras 1 + 2 + 3, angle function 1 + 2**, trapezoid 1 + 2, Min./Max. continuous measurement and plus/minus function
- Precise determination of circular areas / volumes and triangular and trapezoidal areas
- Point-to-point measurements
- With versatile calculation and memory functions
- Stake out function for marking off defined lengths
- Timer function to automatically trigger
- Digital Connection interface for measurement data transfer
- USB port for charging batteries
- 1/4" threaded connection
- Easy-to-read colour display with screen rotation
- Perfect for use outdoors and in bright environments

* See operating instructions for specific measuring ranges and accuracies
** In combination with 360° inclination sensor





3 Positions





Inclusive: DistanceMaster LiveCam, USB charging cable, softbag, rechargeable batteries, carrying case



ORDER NO.	EAN-CODE	PU
080.985A	4 021563 716289	2

Laser 635 nm | 2 | 3" HD | BT | IP65 | 1/4" | NiMH Battery | HARD

Laser distance measurement

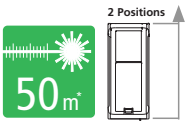
HIGH VISIBILITY

LaserRange-Master Gi5



Laser distance meter with green laser technology and angle function
- Measuring range, internal 0.05 to 50 m*
- Measuring precision of ± 2 mm (typical)*
- Good visibility through green laser technology
- The area and volume functions permit the calculation of room sizes, e.g. for material quantities
- Angle function 1 + 2 +3**, min./max. continuous measurement
- Digital bubble level is used to align the measuring device
- Tilt sensor calibration
- 360° inclination sensor for determining the horizontal and vertical distance
- Illuminated 4-line colour LC display

* See operating instructions for specific measuring ranges and accuracies
** In combination with 360° inclination sensor



Inclusive: LaserRange-Master Gi5, batteries, carrying case



ORDER NO.	EAN-CODE	PU
080.845A	4 021563 718863	5

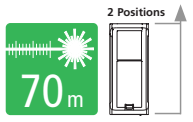


LaserRange-Master Gi7 Pro



Laser distance meter with green laser technology, angle function and Digital Connection interface
- Product description same as LaserRange-Master Gi5
- Measuring range, internal 0.05 to 70 m*
- Simple assessment of room perimeter with the addition and subtraction functions
- Digital Connection interface for measurement data transfer

* See operating instructions for specific measuring ranges and accuracies



Inclusive: LaserRange-Master Gi7 Pro, batteries, carrying case



ORDER NO.	EAN-CODE	PU
080.847A	4 021563 718870	5



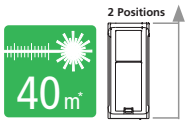
LaserRange-Master Gi4 Mini

NEW!



Extremely compact laser distance meter with green laser technology
- Measuring range, internal 0.3 to 40 m*
- Measuring precision of ± 2 mm (typical)*
- Compact design, suitable for any tool box, shirt or trouser pocket
- Point-precise laser measurement for determining lengths, areas and volumes
- Pythagoras 1 + 2, min./max. continuous measurement
- Ideal for recording room sizes and calculating material quantities
- Good visibility through green laser technology
- Measuring levels with practical switching function: front and rear
- Easy-to-read LC display thanks to white figures on a black background
- Sturdy, ergonomically designed, rubberised casing

* See operating instructions for specific measuring ranges and accuracies





Inclusive: LaserRange-Master Gi4 Mini, USB charging cable, Li-ion battery

ORDER NO.	EAN-CODE	PU
080.842A	4 021563 735143	5



LaserRange-Master Gi8 Pro

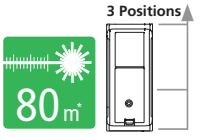




Robust laser distance meter with green laser technology, angle function and Digital Connection interface
- Measuring range, internal 0.05 to 80 m*
- Measuring precision of ± 2 mm (typical)*
- Good visibility through green laser technology
- The area and volume functions permit the calculation of room sizes, e.g. for material quantities
- Simple assessment of room perimeter with the addition and subtraction functions
- Angle function 1 + 2 + 3**, min./max. continuous measurement
- Digital bubble level is used to align the measuring device
- Tilt sensor calibration
- The wall surface function automatically adds up surfaces by measuring the lengths of walls as well as their height once.
- Digital Connection interface for measurement data transfer
- USB port for charging batteries
- Illuminated 4-line VTN display
- 1/4" threaded connection

* See operating instructions for specific measuring ranges and accuracies
** In combination with 360° inclination sensor







Inclusive: LaserRange-Master Gi8 Pro, USB charging cable, Li-ion battery, carrying case



ORDER NO.	EAN-CODE	PU
080.848A	4 021563 732173	5



Distance measuring wheels





RollPilot D12
Portable hand shows exact position



RollPilot S6



Measuring wheel for use on straight lines and curves
– Mechanical measuring wheel: Distances up to 9,999.9 m
– Large, easy to read display with additional fine scale (1 - 9 cm) for precise measurement.
– Addition when wheels are turning forwards and subtraction when backwards
– Wall-to-wall function: The compact design enables direct measurement from wall to wall.
– Brake and zero setting directly on handle
– Non-wearing cardanic scale drive
– Accuracy ± 0.1%
– Metering wheel with 0.5m circumference





Inclusive: RollPilot S6, softbag

ORDER NO.	EAN-CODE	PU
075.008A	4 021563 692521	2

SOFT

RollPilot X12



Measuring wheel for use on straight lines and curves
– Mechanical measuring wheel: Distances up to 9,999.9 m
– Large digits make the display exceptionally easy to read
– Addition when wheels are turning forwards and subtraction when backwards
– Hold function for locking the current measured value on the display
– Brake and zero setting directly on handle
– Folding design for easy transport
– Robust, rubberised grip
– Accuracy ± 0,1%
– Metering wheel with 1m circumference





Inclusive: RollPilot X12, softbag

ORDER NO.	EAN-CODE	PU
075.009A	4 021563 719198	2

SOFT

RollPilot D12



Electronic measuring wheel for use on straight lines and curves
– Electronic measuring wheel delivers measured values accurate to the centimetre when measuring distances of up to 9,999.99 m.
– Easy-to-read, illuminated LC display directly on the handle.
– Addition when wheels are turning forwards and subtraction when backwards
– Hold function for holding the measured value
– Measured value memory for 5 entries
– The moving pointer shows the exact start and end positions.
– Folding design and softbag for easy transport
– Accuracy ± 0.1%
– Metering wheel with 1m circumference





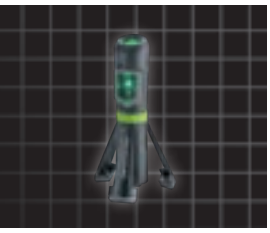
Inclusive: RollPilot D12, softbag, battery

ORDER NO.	EAN-CODE	PU
075.006A	4 021563 680818	1

9V

SOFT

Line and sensor lasers



















INTERIOR FINISHING AND BUILDING

The ideal laser levelling devices for levelling and set out projects. These self-levelling lasers align themselves automatically. Bright laser lines make them ideally suited for laying tiles, wall studding, window installation and much more. The best visibility is offered by green line lasers. The line lasers with laser receiver can even be used outdoors.

Powerful technology

360° LASER

The laser beam is aimed exactly at the tip of a precisely sharpened cone and is deflected from the reflective surface in a circular manner. This creates a highly accurate continuous, circumferential 360° laser line.



Laser 515 nm
HIGH VISIBILITY

Green looks 6 times brighter than red. This makes possible applications on dark surfaces, over long distances and working even in very bright ambient light conditions. A red laser with a wavelength of 635nm is used as reference for the difference in brightness.

IP 64 IP 54

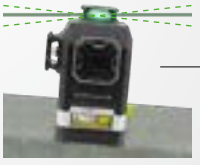
The measuring instruments are characterised special protection against dust and rain.

60m

High-quality laser diodes generate extremely bright and highly visible laser lines. This enables large working ranges of up to 60m with an ambient light with a maximum lighting intensity of 300 Lux.

lock

Transport LOCK: Units with " Automatic Level" are protected with a pendelum lock during transport. A special motor lock protects units with "Sensor Automatic".



AUTOMATIC LEVEL

Automatic alignment of the device with a magnetically dampened pendulum system. The devices are set to their initial position and align themselves automatically in a matter of seconds.

2

Laser class

ADS Tilt

measurements: Continuous monitoring of the alignment of the laser is activated 20 or 30/35 seconds after automatic levelling. Levelling will be suspended as a precaution if the device is disturbed unintentionally or moves due to the influence of external factors.





Li-Ion Accu Li-Ion Accu

Perfectly compatible:
USB-C charging standard

Laser receiver – ideal for outdoor applications



OPTION

Red and green line and cross-line lasers with RX or GRX technology are suitable for tricky conditions.

The laser lines pulsate at a high frequency and this can be picked up by special laser receiversover long distances.

The "footprint icon" indicates that the housing of these products is made from recycled plastic.

Overview

	POCKET SERIES				COMPACT SERIES	MASTER SERIES	
							
	SuperCross-Laser Pocket Plus	**PocketCross-Laser 2G**	**PocketLine-Laser G360 Set 150 cm**	**PocketPlane-Laser 3G/4G**	**CompactPlane-Laser 3G Pro**	**MasterCross-Laser XPG Pro**	**MasterPlane-Laser 3G Pro**
System	1HG / 1VG	1HG / 1VG	1HG360° / 1VG	1HG360° / 2VG360° 2HG360° / 2VG360°	1HG360° / 2VG360°	1HG / 1VG / 4P	1HG360° / 2VG360°
Brightness Visibility at 300 Lux	PowerGreen ✚ 55 m	PowerGreen 55 m	PowerGreen 30 m	PowerGreen 30 m	PowerGreen 30 m	PowerGreen ✚ 55 m	PowerGreen ✚ 55 m
Accuracy mm/m	0,4	0,3	0,3	0,3	0,35	0,2	0,2
Number of lasers	1	2	2	3 / 4	3	2 + 4	3
Laser spread	120°	120°	360°	360°	360°	180°	360°
Number of laser points						4	
Plumb laser				●	●	●	●
Levelling range	3°	3,5°	3,5°	3,5°	3°	2,5°	3,5°
Levelling principle	Automatic-Level	Automatic-Level	Automatic-Level	Automatic-Level	Automatic-Level	Automatic-Level	Automatic-Level
Vertical fine adjustment							
AntiShake							
Slope function							
Receiver mode		●	●	●	●	●	●
USB-C	●	●	●	●	●	●	●
Li-ion battery	Integrated battery	Integrated battery	Integrated battery	Integrated battery	2x Battery pack	Battery pack	Battery pack
Battery status		●	●	●	●	●	●
Laser receiver optional		Page 64	Page 64	Page 64	Page 64	Page 64	Page 64

● = available

HIGH VISIBILITY

Extremely bright green laser technology achieves high-quality lines: precise, clear and therefore easily visible.

300 lx 60 m



Laserliner instruments are available in sturdy carrying bags or hard-shell cases.

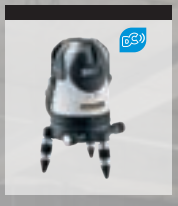
L-BOXX

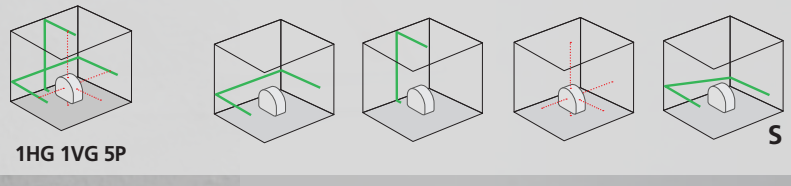
L-BOXX
Mobile carrying case system for safely transporting measuring instruments and accessories flexible, practical and compatible with the Sortimo® vehicle equipment system

HARD

HARD:
plastic carry case.



MULTI-POWER 18V SERIES			PRECISION SERIES	
				
PowerLine-Laser G360P Multi-18V	**PowerPlane-Laser 3G Multi-18V**	**PowerPlane-Laser 3G pro Multi-18 V**	**PrecisionPlane-Laser 4G Pro**	**PowerCross-Laser 8G**
1HG360° / 1VG	1HG360° / 2VG360°	1HG360° / 2VG360°	2HG360° / 2VG360°	4GH / 4GV / 1D
PowerGreen 60 m	PowerGreen 60 m	PowerGreen 60 m	PowerGreen ++ 60 m	PowerGreen 55 m
0,2	0,2	0,2	0,15	0,1
2	3	3	4	8
360°	360°	360°	360°	H360° (4 x 90°) V180°
				1
•	•	•	•	•
3,5°	3,5°	3,5°	3°	3°
Automatic-Level	Automatic-Level	Automatic-Level	Sensor-Automatic	Sensor-Automatic
•	•	• electronic	•	•
			•	•
•	•	•	electronic	electronic
•	•	•	•	•
•	•	•	•	
18 V Battery	18 V Battery	18 V Battery	2x Battery pack	Battery pack
•	•	•	•	
Page 64	Page 64	Page 64	Page 64	Page 64



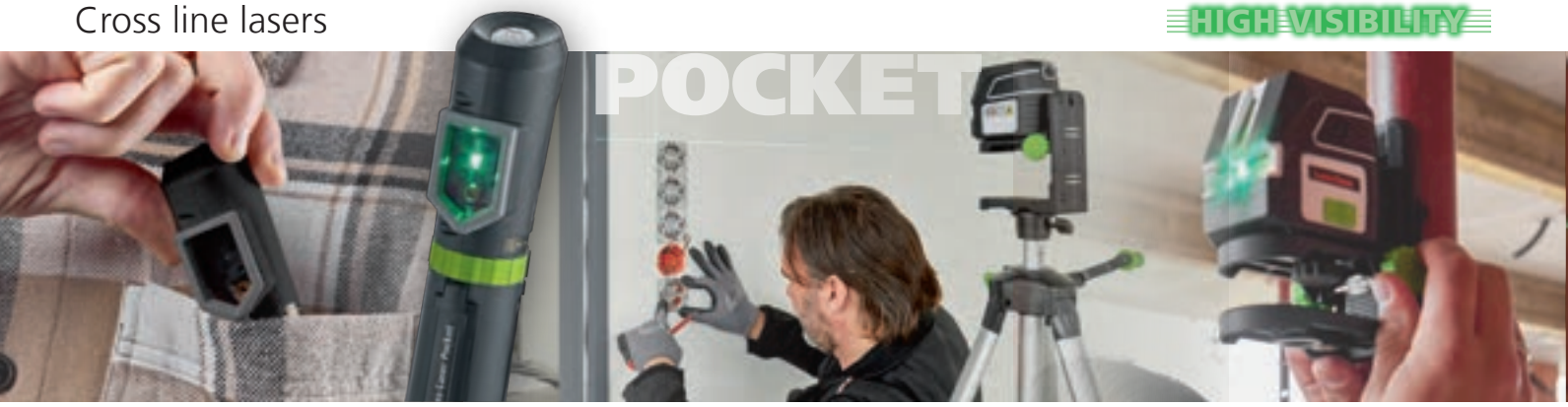
The space grids show the number and direction of laser lines.

H = Number of horizontal lasers
V = Number of vertical lasers
D = Plumb point
P = Number of laser points
S = Slope-Funktion

HG = Number of green, horizontal lasers
VG = Number of green, vertical lasers

Cross line lasers

HIGH VISIBILITY

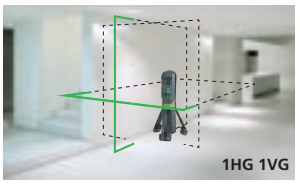


SuperCross-Laser Pocket Plus

NEW!



Stylish green cross line laser with compact design, integrated 3-leg tripod and 1/4" thread
– Stylish and compact – precision meets modern design
– Perfect for horizontal and vertical alignment of pictures, shelves, ...
– Integrated 3-leg tripod for optimal positioning
– Rechargeable lithium-ion battery via USB-C cable
– Good visibility through green laser technology
– Easy alignment of slopes with manual tilt function
– Particularly compact design
– Time-saving automatic alignment
– Optical signal warns when the device is outside the levelling range
– Pendulum restraint for safe transport









Inclusive: SuperCross-Laser Pocket with integrated 3-leg trip, Li-ion battery, USB-A- to USB-C-cable

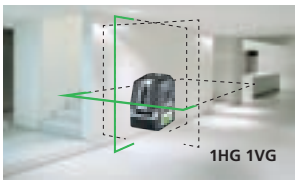
ORDER NO.	EAN-CODE	PU
031.120A	4 021563 744732	5

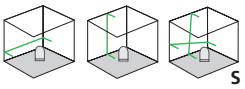


PocketCross-Laser 2G



Green cross-line laser with ultra bright, green laser cross
– Extremely bright green laser cross at the front achieves high-quality lines: precise, clear and therefore easily visible.
– 3.5° self-levelling range, accuracy 0.3mm / m
– Additional slope function for aligning inclines
– Height-adjustable, magnetic, multi-function bracket
– Easy-to-read battery charge status
– Power pack connection for continuous operation
– Out-Of-Level: is indicated by optical signals when the unit is outside its self-levelling range.
– Individually switchable laser
– Rechargeable via USB cable
– GRX-Ready: in combination with the optional laser receiver, the integrated hand-held receiver mode permits detection of laser lines at long distances and under unfavourable light conditions.
– Green laser technology with 0°C...50°C temperature range











Inclusive: PocketCross-Laser 2G, PocketWallHolder, magnetic target plate green, laser enhancement glasses, Li-ion battery, power supply/ battery charger incl. international adapter, USB-C-cable, carrying case



ORDER NO.	EAN-CODE	PU
036.710A	4 021563 725212	2

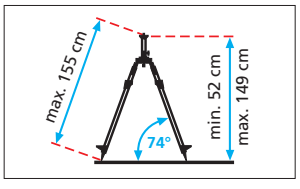


PocketCross-Laser 2G set 150cm



Green cross-line laser with ultra bright, green laser cross and wide range of accessories, including compact 150cm tripod
– Product description same as PocketCross-Laser 2G

Compact tripod 150cm
– Aluminium crank tripod



Inclusive: PocketCross-Laser 2G, PocketWallHolder, compact tripod 150cm, magnetic target plate green, laser enhancement glasses, Li-ion battery, power supply/battery charger incl. international adapter, USB-C-cable, carrying case



ORDER NO.	EAN-CODE	PU
036.713A	4 021563 726035	2



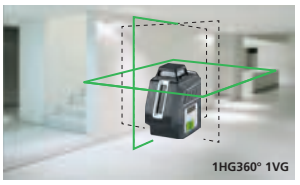


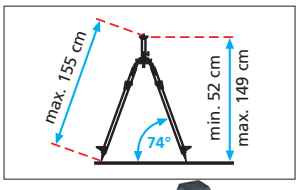
PocketLine-Laser G360 set 150cm

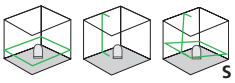


Green cross-line laser with one horizontal 360°-laser circle and one vertical line
– 3.5° self-levelling range, accuracy 0.3mm / m
– Additional slope function for aligning inclines
– Height-adjustable, magnetic, multi-function bracket
– Power pack connection for continuous operation
– Out-Of-Level: is indicated by optical signals when the unit is outside its self-levelling range.
– Individually switchable laser
– Rechargeable via USB cable
– GRX-Ready: in combination with the optional laser receiver, the integrated hand-held receiver mode permits detection of laser lines at long distances and under unfavourable light conditions.
– Green laser technology with 0°C...50°C temperature range

Compact tripod 150cm
– Aluminium crank tripod











Inclusive: PocketLine-Laser G360, compact tripod 150cm, PocketWall-Holder, magnetic target plate green, laser enhancement glasses, Li-ion battery, power supply/battery charger incl. international adapter, USB-C-cable, carrying case

ORDER NO.	EAN-CODE	PU
036.723A	4 021563 729555	2

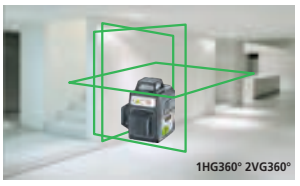


Laser 515 nm | 2 | 300 lx 30 m | AUTOMATIC LEVEL | lock | 360° LASER | OPTION | magnetic | 1/4" | 5/8" | IP 54 | Li-Ion Accu | HARD

PocketPlane-Laser 3G



Three-dimensional, practical laser with one horizontal and two vertical green 360°-laser circles
– PowerGreen-Laser with 3 bright 360° laser circles
– Straight forward plumb function using laser crosses
– 3.5° self-levelling range, accuracy 0.3mm / m
– Individually switchable laser
– Additional slope function for aligning inclines
– Height-adjustable, magnetic, multi-function bracket
– Easy-to-read battery charge status
– Power pack connection for continuous operation
– Out-Of-Level: is indicated by optical signals when the unit is outside its self-levelling range.
– Rechargeable via USB cable
– GRX-Ready: in combination with the optional laser receiver, the integrated hand-held receiver mode permits detection of laser lines at long distances and under unfavourable light conditions.
– Green laser technology with 0°C...50°C temperature range











Inclusive: PocketPlane-Laser 3G, PocketWallHolder, magnetic target plate green, laser enhancement glasses, Li-ion battery, power supply/battery charger incl. international adapter, USB-C-cable, carrying case

ORDER NO.	EAN-CODE	PU
036.700A	4 021563 724574	1



Laser 515 nm | 2 | 300 lx 30 m | AUTOMATIC LEVEL | lock | 360° LASER | OPTION | magnetic | 1/4" | 5/8" | IP 54 | Li-Ion Accu | HARD

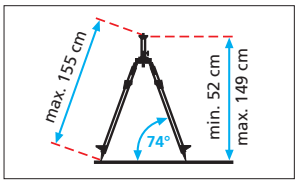
PocketPlane-Laser 3G set 150 cm



Three-dimensional, practical laser with one horizontal and two vertical green 360°-laser circles, and wide range of accessories, including compact tripod 150cm
– Product description same as PocketPlane-Laser 3G

Compact tripod 150cm
– Aluminium crank tripod

Inclusive: PocketPlane-Laser 3G, PocketWallHolder, compact tripod 150cm, magnetic target plate green, laser enhancement glasses, Li-ion battery, power supply/battery charger incl. international adapter, USB-C-cable, carrying case



ORDER NO.	EAN-CODE	PU
036.703A	4 021563 725496	1



Laser 515 nm | 2 | 300 lx 30 m | AUTOMATIC LEVEL | lock | 360° LASER | OPTION | magnetic | 1/4" | 5/8" | IP 54 | Li-Ion Accu | HARD

Cross line lasers and 3D-lasers



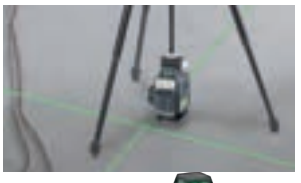
PocketPlane-Laser 4G



Three-dimensional, practical laser with two horizontal and two vertical green laser circles and a comprehensive range of accessories – particularly suited to alignment close to the ground

– 3.5° self-levelling range, accuracy 0.3mm / m
– Accurate horizontal and vertical alignment of objects
– Optimum solution for applications very close to the floor (determining floor heights, aligning skirting boards)
– Good visibility through green laser technology
– Height-adjustable, magnetic, multi-function bracket with 1/4" and 5/8" thread for attaching to walls, metal items and tripods
– Magnetic target plate with stand, nail hole and dual scale – perfect for working close to ceilings
– Laser enhancement glasses for optimum visibility of laser lines with the human eye
– Time-saving automatic alignment
– Integrated hand-held receiver mode for outdoor applications













Inclusive: PocketPlane-Laser 4G, TopHolder, PocketWallHolder, magnetic target plate green, laser enhancement glasses, Li-ion battery, power supply/battery charger incl. international adapter, USB-C-cable, carrying case

ORDER NO.	EAN-CODE	PU
036.705A	4 021563 740284	1



Laser 515 nm | 2 | 30 m | AUTOMATIC LEVEL | lock | 360° LASER | OPTION | magnetic | 1/4" | 5/8" | IP 54 | Li-Ion Accu | HARD

CompactPlane-Laser 3G Pro



Three-dimensional, practical laser with one horizontal and two vertical green 360°-laser circles with Digital Connection interface

– PowerGreen-Laser with 3 bright 360° laser circles
– Straight forward plumb function using laser crosses
– 3° self-levelling range, accuracy 0.35mm / m
– Individually switchable laser
– Additional slope function for aligning inclines
– Long-lasting, powerful rechargeable lithium-ion battery
– Rechargeable via USB cable
– Digital Connection interface for remote control
– GRX-Ready: in combination with the optional laser receiver, the integrated hand-held receiver mode permits detection of laser lines at long distances and under unfavourable light conditions.
– Green laser technology with 0°C...50°C temperature range









Inclusive: CompactPlane-Laser 3G Pro, 2x Li-Ion battery pack, power supply/battery charger incl. international adapter, USB-C-cable, carrying case

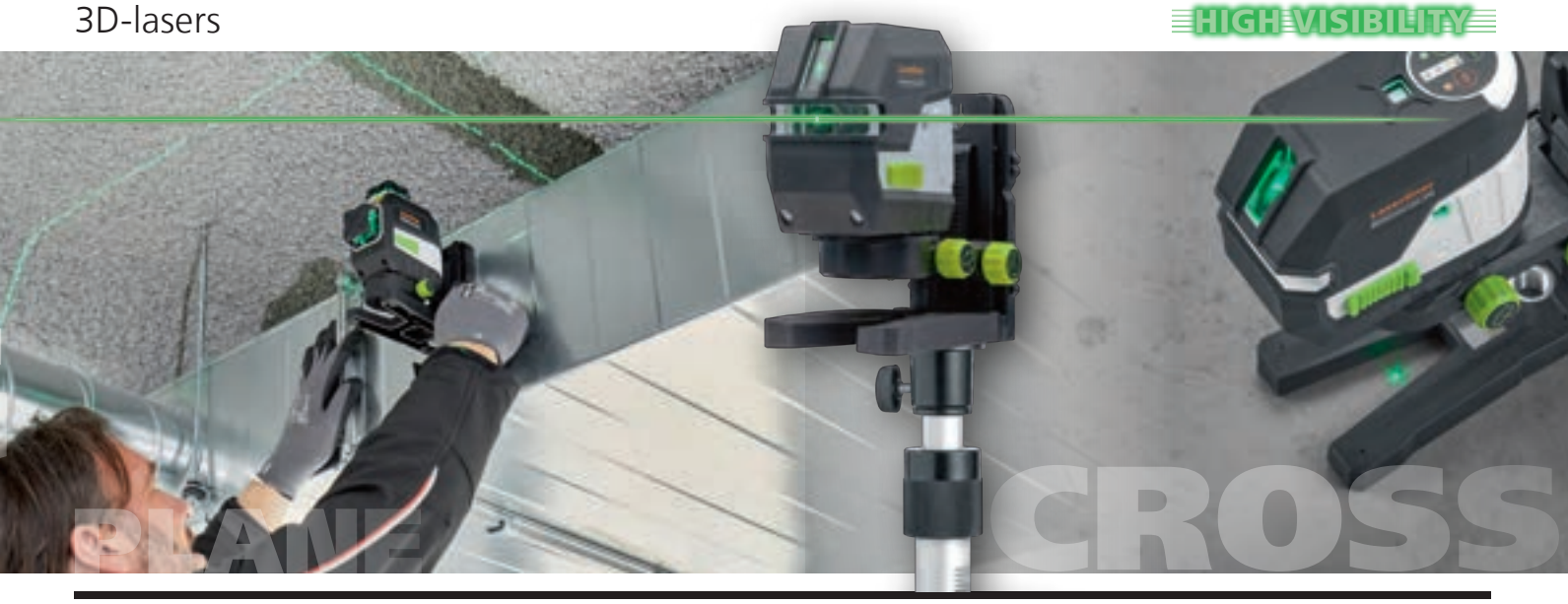
ORDER NO.	EAN-CODE	PU
036.295A	4 021563 716647	1



Laser 515 nm | 2 | 30 m | AUTOMATIC LEVEL | lock | 360° LASER | OPTION | magnetic | 1/4" | 5/8" | IP 54 | 2x Li-Ion Accu pack | HARD

3D-lasers

HIGH VISIBILITY

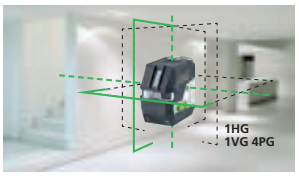


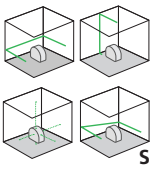
MasterCross-Laser XPG



Green cross-line laser with ultra bright diode technology and additional 4-point laser

– Extremely bright green laser cross at the front achieves high-quality lines: precise, clear and therefore easily visible.
– 2.5° self-levelling range, accuracy 0.2mm / m
– 4 Point Projection: Laser points top, bottom and at the side in 90° configuration
– Individually switchable laser
– Additional slope function for aligning inclines
– With the magnetic clamp and wall bracket CrossGrip Plus, the unit can be used individually, in combination horizontally and vertically. With adjustable clamping range and MicroControl: lateral fine drive for precise vertical adjustment of the laser lines.
– Out-Of-Level: is indicated by optical signals when the unit is outside its self-levelling range.
– Long-lasting, powerful rechargeable lithium-ion battery
– Rechargeable via USB cable
– GRX-Ready: in combination with the optional laser receiver, the integrated hand-held receiver mode permits detection of laser lines at long distances and under unfavourable light conditions.
– Green laser technology with 0°C...50°C temperature range







HIGH CAPACITY PACK USB-C

CROSSGRIP PLUS

Inclusive: MasterCross-Laser XPG, CrossGrip Plus, Li-Ion battery pack, power supply/battery charger incl. international adapter, USB-C-cable, carrying case

ORDER NO.	EAN-CODE	PU
031.420A	4 021563 729876	1



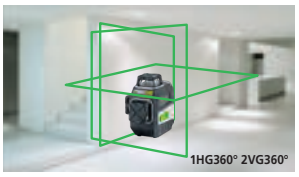
Laser 515nm | 2 | 300 lx | 55m | ADS Tilt | AUTOMATIC LEVEL | lock | 360° LASER | OPTION | Laser 635 nm | magnetic | 1/4" | 5/8" | IP 64 | Li-Ion Accu pack | HARD

MasterPlane-Laser 3G Pro



Three-dimensional laser with one horizontal and two vertical green 360° laser circles

– PowerGreen-Laser⁺ with 3 bright 360° laser circles
– Straight forward plumb function using laser crosses
– 3.5° self-levelling range, accuracy 0.2mm / m
– Individually switchable laser
– Additional slope function for aligning inclines
– With the magnetic clamp and wall bracket CrossGrip Plus, the unit can be used individually, in combination horizontally and vertically. With adjustable clamping range and MicroControl: lateral fine drive for precise vertical adjustment of the laser lines.
– Out-Of-Level: is indicated by optical signals when the unit is outside its self-levelling range.
– Long-lasting, powerful rechargeable l ithium-ion battery
– Rechargeable via USB cable
– Digital Connection interface for remote control
– GRX-Ready: in combination with the optional laser receiver, the integrated hand-held receiver mode permits detection of laser lines at long distances and under unfavourable light conditions.
– Green laser technology with 0°C...50°C temperature range







2x HIGH CAPACITY PACK USB-C

CROSSGRIP PLUS

Inclusive: MasterPlane-Laser 3G, CrossGrip Plus, 2x Li-Ion battery pack, power supply/battery charger incl. international adapter, USB-C-cable, complete in the L-BOXX 136

ORDER NO.	EAN-CODE	PU
031.410L	4 021563 733934	1



Laser 515 nm | 2 | 300 lx | 55m | ADS Tilt | AUTOMATIC LEVEL | lock | 360° LASER | OPTION | magnetic | 1/4" | 5/8" | IP 64 | 2x Li-Ion Accu pack | HARD

Multi-Power laser



HIGH POWER in18V

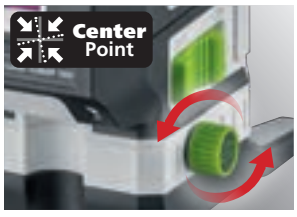
PowerLine-Laser G360P Multi-18V

NEW!

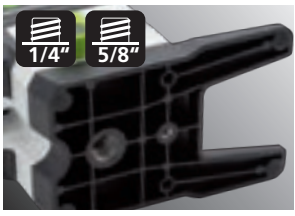


Green cross-line laser with horizontal laser circle, vertical laser line as well as upper and lower laser points – compatible with 18 V battery systems from well-known manufacturers

– Precise alignment with a horizontal laser circle and a vertical line arranged at right angles to it
– Compatibility with 18V battery systems: Works with 18V batteries from various well-known manufacturers thanks to separately available PowerAdapters
– Efficient use: By choosing the right adapter, the laser can be seamlessly integrated in the customer's existing 18V peripheral systems
– Easy alignment of slopes with manual tilt function
– Individually switchable laser lines
– Plumb function for synchronous working on floor and ceiling
– MicroControl: High-precision adjustment of the vertical laser lines via lateral fine adjustment without having to move the laser itself
– CenterPoint: When using the side-mounted fine adjustment knob, the positions of the upper and lower laser points, which serve as plumb points, remain unchanged
– Can also run on mains power
– Sturdy aluminium foot with exemplary stability
– Time-saving automatic alignment
– Integrated handheld receiver mode for outdoor applications and long ranges



Precise fine adjustment mechanism without changing the center point.



Sturdy aluminium foot with exemplary stability and 1/4" / 5/8" thread.







Inclusive: PowerLine-Laser G360P Multi-18V, CrossGrip Pro, complete in the L-BOXX 136 (PowerAdapter not included in delivery, available separately)

ORDER NO.	EAN-CODE	PU
036.360L	4 021563 744596	1



Laser 515nm · 2 · 300 lx 60m · AUTOMATIC LEVEL · lock · OPTION magnetic · 1/4" · 5/8" · IP 54 · Multi Adapter · USB-C · HARD

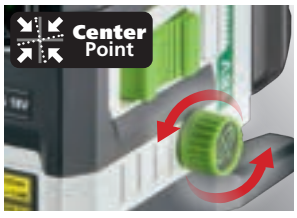
PowerPlane-Laser 3G Multi-18V

NEW!



Three-dimensional green laser with one horizontal and two vertical laser circles – excellent visibility and compatible with 18V battery systems from well-known manufacturers

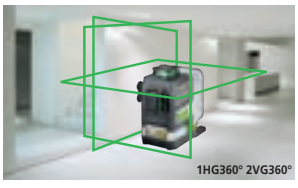
– Three extremely bright green laser circles with excellent visibility of up to 60 meters
– Compatibility with 18V battery systems: Works with 18V batteries from various well-known manufacturers thanks to separately available PowerAdapters
– Efficient use: By choosing the right adapter, the laser can be seamlessly integrated in the customer's existing 18V peripheral systems
– Easy alignment of slopes with manual tilt function
– Individually switchable laser lines
– Plumb function for synchronous working on floor and ceiling
– MicroControl: High-precision adjustment of the vertical laser lines via lateral fine adjustment without having to move the laser itself
– CentrePoint: When using the vernier adjustment mechanism, the positions of the upper and lower laser crosses, which form the plumb points, remain unchanged
– Can also run on mains power
– Sturdy aluminium foot with exemplary stability
– Time-saving automatic alignment
– Integrated handheld receiver mode for outdoor applications and long ranges



Precise fine adjustment mechanism without changing the center point.



Sturdy aluminium foot with exemplary stability and 1/4" / 5/8" thread.







Inklusive: PowerPlane-Laser 3G Multi-18V, CrossGrip Pro, complete in the L-BOXX 136 (PowerAdapter not included in delivery, available separately)

ORDER NO.	EAN-CODE	PU
036.380L	4 021563 743193	1



Laser 515nm · 2 · 300 lx 60m · AUTOMATIC LEVEL · lock · OPTION magnetic · 1/4" · 5/8" · IP 54 · Multi Adapter · USB-C · HARD

Multi-Power laser



PowerPlane-Laser 3G Pro Multi-18 V

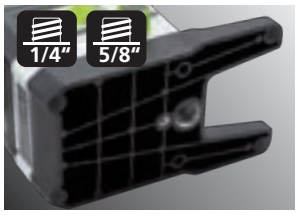
NEW!



Three-dimensional green laser with one horizontal and two vertically adjustable laser circles controllable via remote control – tilt display (%) and compatible with 18 V battery systems from well-known manufacturers

– Three-dimensional laser with a horizontal and two vertical 360° laser circles
– Compatibility with 18V battery systems: Works with 18V batteries from various well-known manufacturers thanks to separately available PowerAdapters
– Easy alignment of slopes with manual tilt function
– Individually switchable laser circles
– Plumb function for synchronous working on floor and ceiling
– MicroControl: High-precision adjustment of the vertical laser lines via electronic fine side drive, without the need to move the laser itself
– CentrePoint: When using the vernier adjustment mechanism, the positions of the upper and lower laser crosses, which form the plumb points, remain unchanged
– RemoteControl: Remote control with rotary dial for precise adjustment of the vertical laser circles via electronic fine side drive; controls all laser functions as directly on the device (horizontal/vertical laser circles, hand-held receiver mode, tilt function)
– Selectable adjustment speed of the vertical alignment: Fast or exact operation for optimal adaptation to the application
– Precise tilt display (%) of the X and Y axes on the display
– Clear orientation through positive, neutral and negative tilt values: Gradient or slope immediately visible, 0% for a perfectly level position
– Can also run on mains power
– Sturdy aluminium foot with exemplary stability
– Time-saving automatic alignment
– Integrated handheld receiver mode for outdoor applications and long ranges

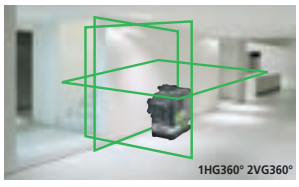




Sturdy aluminium foot with exemplary stability and 1/4" / 5/8" thread.



Precise fine adjustment mechanism without changing the center point – can also be operated by remote control.









Inclusive: PowerPlane-Laser 3G Pro Multi-18V CrossGrip Pro, remote control incl. batteries, complete in the L-BOXX 136 (PowerAdapter not included in delivery, available separately)

ORDER NO.	EAN-CODE	PU
036.390L	4 021563 744565	1





PowerAdapter 18V

Simple integration to existing 18V battery systems thanks to suitable adapters!



Compatible with	Order No.	EAN-Code	PU
PowerAdapter Multi-18V Bosch Professional compatible	036.380.1A	4021563745814	1
PowerAdapter Multi-18V Dewalt compatible	036.380.2A	4021563745821	1
PowerAdapter Multi-18V Festool compatible	036.380.3A	4021563745838	1
PowerAdapter Multi-18V Hikoki compatible	036.380.4A	4021563745845	1
PowerAdapter Multi-18V Makita compatible	036.380.5A	4021563745852	1
PowerAdapter Multi-18V Metabo compatible	036.380.6A	4021563745869	1
PowerAdapter Multi-18V Flex compatible	036.380.8A	4021563745883	1
PowerAdapter Multi-18V Einhell compatible	036.380.9A	4021563745937	1
PowerAdapter Multi-18V Hilti compatible	036.380.10A	4021563745906	1
PowerAdapter Multi-18V Milwaukee compatible	036.380.11A	4021563745913	1
PowerAdapter Multi-18V Bosch Power for All compatible	036.380.13A	4021563746774	1



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Sensor laser



PCL4G

Free – Commander App

App-controlled fine adjustment

PrecisionPlane-Laser 4G Pro



Three-dimensional laser with four ultra-bright green 360° laser circles

- Particularly suitable for alignment close to the floor
- 3° self-levelling range, accuracy 0.15 mm / m
- Straight forward plumb function using laser crosses
- Individually switchable laser
- Additional slope function for aligning inclines
- Digital Connection interface with remote control
- Easy-to-read battery charge status
- Digital Connection interface with remote control
- With the magnetic clamp and wall bracket CrossGrip Pro the device can be used as a stand-alone unit, in a combination as well as in horizontal and vertical position. With adjustable clamping range.
- Long-lasting, powerful rechargeable lithium-ion battery
- USB port for charging battery
- Horizontal and vertical 360° laser lines laser technology achieve high quality lines: precise, clear and therefore easily visible.
- GRX-Ready: in combination with the optional laser receiver, the integrated hand-held receiver mode permits detection of laser lines at long distances and under unfavourable light conditions.
- Green laser technology with 0°C...50°C temperature range



S



2x HIGH CAPACITY PACK



TOP HOLDER



CROSSGRIP PRO







Laserliner

Commander App

Inclusive: PrecisionPlane-Laser 4G, CrossGrip Pro, TopHolder, 2x Li-Ion battery pack, USB-C-cable, power supply/battery charger incl. international adapter, complete in the L-BOXX 136

ORDER NO.	EAN-CODE	PU
039.600L	4 021563 714391	1



Laser 515 nm | 2 | 60 m (300 lx) | sensor AUTOMATIC | lock | OPTION | ANTI SHAKE | ADS Tilt | 1/4" | 5/8" | IP 54 | 2x Li-Ion Accu pack | L-BOXX



Pendulum lasers



PowerCross-Laser 8G



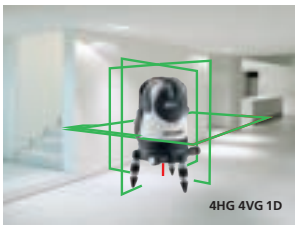


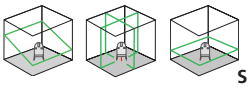


Commander App

High-precision cross-line laser with 8 ultra-bright green laser lines, plumb function and Digital Connection interface

- The 4 horizontal laser diodes project a very bright 360° laser line, the 4 vertical laser lines are aligned at right angles to one another.
- Motorised adjustment up to ± 3°
- 3° self-levelling range, accuracy 0.1mm / m
- Removable lithium-ion rechargeable battery
- IR remote control allows the manual slope function for aligning inclines to be controlled. The relevant axes are visually displayed via LEDs.
- Straightforward plumb function using laser cross at the top and additional plumb laser
- The pivoted housing can be turned with a fine adjustment mechanism and horizontal circle to permit exact positioning of laser lines
- Digital Connection interface with remote control
- GRX-Ready: in combination with the optional laser receiver, the integrated hand-held receiver mode permits detection of laser lines at long distances and under unfavourable light conditions.
- Green laser technology with 0°C...50°C temperature range







Stable metal base with vernier adjustment





Inclusive: PowerCross-Laser 8G, laser enhancement glasses, power supply/battery charger incl. international adapter, remote control, tripod adapter (for crank tripods), rubber caps, Li-ion battery, complete in the L-BOXX 238



ORDER NO.	EAN-CODE	PU
032.090L	4 021563 718122	1





Accessories

RangeXtender G 60



Laser receiver for all line lasers with GRX-READY technology
– Fast alignment work in close and long distance
– With GRX-READY, the laser lines pulsate at a high frequency. This pulsation allows the RangeXtender G 60 to detect laser lines up to a maximum of 60m away.
– Head magnet
– The universal mount enables the device to be attached to levelling staffs.

Not suitable for red lasers.

Inclusive: universal mount, batteries, carrying case

ORDER NO.	EAN-CODE	PU
033.55A	4 021563 710164	1



HIGH SPEED · magnetic · AutoSound · IP 66 · 4x AAA · HARD

RangeXtender M50



Laser receiver for all line lasers with GRX-READY technology and millimetre display
– Fast alignment work in close and long distance
– Millimetre display for quick and accurate reading of height differences with respect to the laser level
– With GRX-READY, the laser lines pulsate at a high frequency. This pulsation allows the RangeXtender M50 to detect laser lines up to a maximum of 50m away.
– Head and side magnets
– Two vials for precise alignment
– The universal mount enables the device to be attached to levelling staffs.

Not suitable for red lasers.

Inclusive: universal mount, batteries, carrying case

ORDER NO.	EAN-CODE	PU
033.70A	4 021563 726042	1



HIGH SPEED · magnetic · AutoSound · DIGITAL mm · IP 66 · 2x AAA · HARD

RangeXtender M70

NEW!



Laser receiver with GRX-Ready technology, millimetre display and large reception range and millimetre display
– For all green line lasers with GRX-Ready technology
– Allows time-saving, close and long range alignment work
– Millimetre display for quick and accurate reading of height differences with respect to the laser level
– Large reception range: Detects laser lines in a range of up to 70 m
– Adjustable sensitivity (1 / 2 / 5 mm): easily adjustable for any application – from high-precision work to faster, slightly less precise measurements GRX-Ready: laser lines pulsate at a high frequency
– Two LC displays allow the user to work in the 'opposite' direction to the laser, such as when fitting suspended ceilings
– Head and side magnets allow quick attachment to metallic surfaces
– Two vials for precise alignment

Not suitable for red lasers.

Inclusive: universal mount, batteries, carrying case

ORDER NO.	EAN-CODE	PU
033.80A	4 021563 746064	1



HIGH SPEED · magnetic · AutoSound · DIGITAL mm · IP 66 · 4x AAA · HARD



Hybrid and rotary lasers





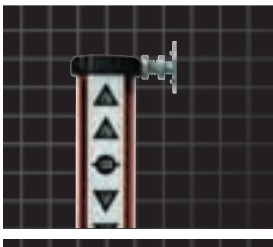






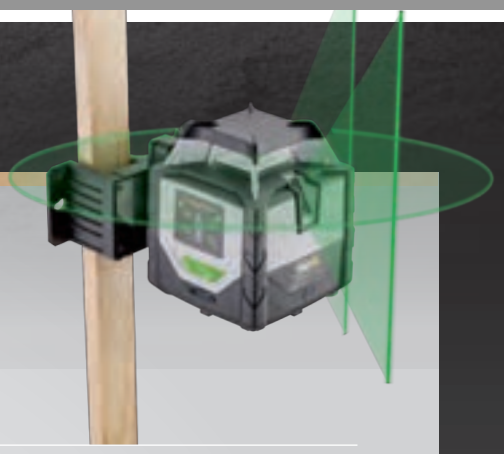








Hybrid laser



Hybrid laser – combining rotary and line laser functionality in one device. These lasers are distinguished by exceptional durability and precision, along with an extremely bright, sharply defined, and highly visible laser line. Suitable for both indoor and outdoor applications.

Laser 635 nm

Rotary lasers with 635nm technology have a large temperature range in which they operate reliably. Visibility is limited to indoor area applications.

Laser 515 nm

Green looks 6 times brighter than red. This makes possible applications on dark surfaces, over long distances and working even in very bright ambient light conditions. A red laser with a wavelength of 635 nm is used as reference for the difference in brightness.

Automatic alignment of the device…

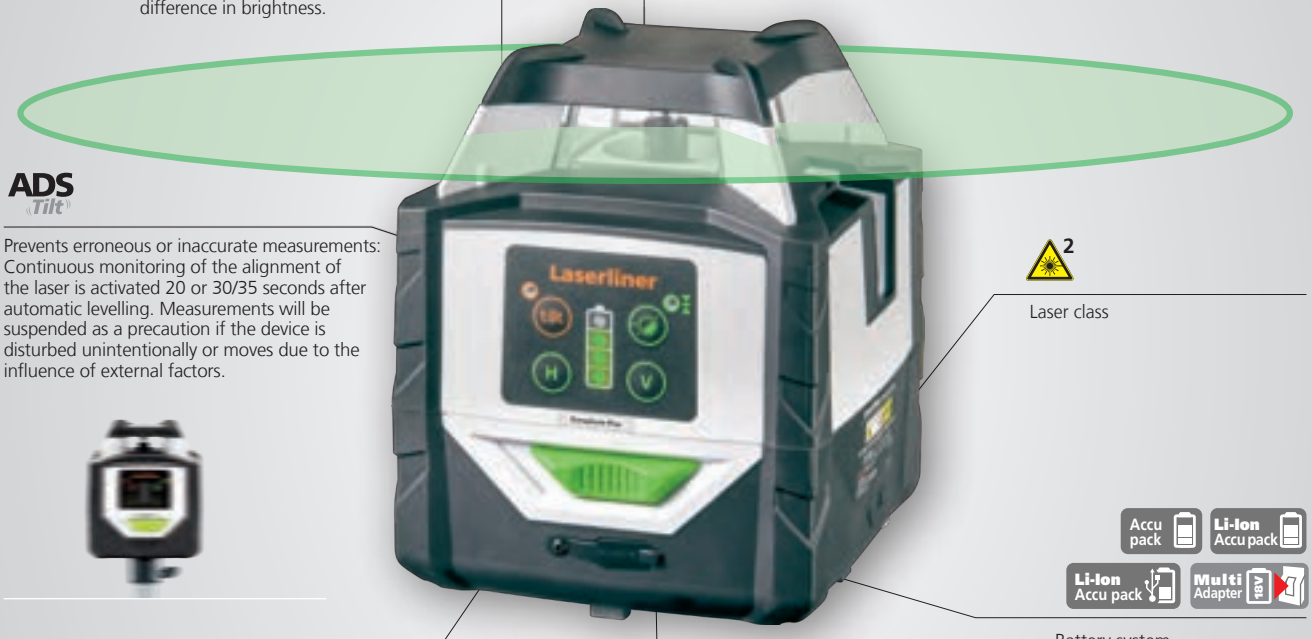
sensor AUTOMATIC sensor AUTOMATIC

…with electronic vials and positioning motors controlled by temperaturestable sensors for automaticalignment of devices.

AUTOMATIC LEVEL

…with a magnetically dampened pendulum system. The devices are set to their initial position and align themselves automatically in a matter of seconds.





ADS Tilt

Prevents erroneous or inaccurate measurements: Continuous monitoring of the alignment of the laser is activated 20 or 30/35 seconds after automatic levelling. Measurements will be suspended as a precaution if the device is disturbed unintentionally or moves due to the influence of external factors.

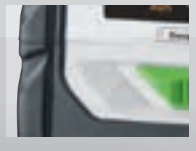
2

Laser class

Accu pack · Li-Ion Accu pack · Li-Ion Accu pack · Multi Adapter 18V

Battery system

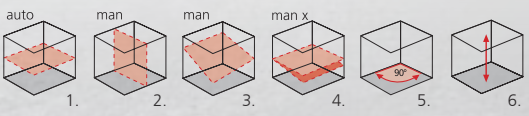
lock **lock**



Transport LOCK: Units with "Automatic Level" are protected with a pendelum lock during transport. A special motor lock protects units with "Sensor Automatic".

IP 66 · IP 54

The measuring tools are characterised by specific protection against dust and rain.



The space grids show the laser planes and functions.

1. Horizontal levelling
2. Vertical levelling
3. Slope function
4. Slope function of one axis
5. 90° angle
6. Reference beam up/ Plumb laser down

auto: Automatic alignment
man: Manual alignment

Powerful technology

Hybrid laser

Overview



Duraplane G360



Duraplane Plus G360



Duraplane GMX Multi-18V

	Duraplane G360	Duraplane Plus G360	Duraplane GMX Multi-18V
Typ	Hybrid	Hybrid	Hybrid
Brightness Visibility at 300 Lux	PowerGreen ++ 60 m	PowerGreen ++ 60 m	PowerGreen ++ 60 m
Horizontal	auto	auto	auto
Vertical	-	2	2
Accuracy mm / m	0,2	0,2	0,2
Reference beam up			
Plumb laser down	–	●	●
Levelling range	3,5°	3,5°	3,5°
Levelling principle	Automatic Level	Automatic Level	Automatic Level
AntiDriftSystem (Tilt)	●	●	●
Vertical fine adjustment			
AntiShake			
Slope function	manual	manual	manual
Remote control			
Tracking function			
Receiver mode	●	●	●
Green laser technology	●	●	●
Laser class	2	2	2
Additional laser receiver	Page 77	Page 77	Page 77

● = available ○ = optional



Hybrid laser – new generation

Duraplane G360
Combination of rotary and line laser function

High level of robustness and accuracy combined with an extremely bright and highly visible fine line that is easy to mark.
For indoor and outdoor applications.

- Laser Booster: doubles visibility without a receiver
- ADS Tilt prevents incorrect measurements of the reference height in the event of vibrations
- More power with replacement lithium-ion rechargeable battery
- With battery status indicator







Interior finishing work and above ground construction

HIGH VISIBILITY



Receiver mode
Use of the 360° laser line in outdoor areas with GRX technology. The laser line is detected with a laser receiver on long distances. Working range max.120m





Without receiver mode
Visibility becomes constantly brighter for unfavourable lighting conditions e.g. in indoor finishing work

Duraplane G360 set 175 cm

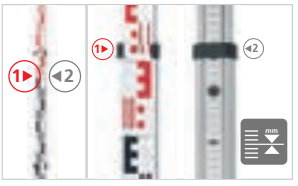


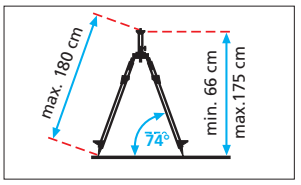
Robust, horizontal 360°-hybrid laser with anti-drift system, handheld receiver and levelling staff 3m
– Time-saving drawing of horizontal lines in the whole room
– Exact work through fine and extremely bright laser line
– Reliable measurement through warning of unwanted position changes
– Easy alignment of slopes
– Laser booster doubles the visibility of the laser
– Battery status indicator
– Robust, dustproof and waterproof
– Integrated hand-held receiver mode for outdoor applications
– Fast detection of laser lines by handheld receiver

Laser receiver RangeXtender G 60
– Product description same as page 64

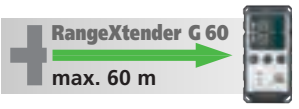
Compact tripod 175cm
– Crank tripod made of aluminium

Telescopic levelling staff 3m
– Easily legible, highly stable levelling staffs for use even under extreme conditions
– Made of strong aluminium section









Inclusive: Duraplane G360, RangeXtender G 60, 2x Li-Ion battery pack with external charging station, power supply/battery charger incl. international adapter, compact tripod 175cm, 5/8" thread adapter, telescopic levelling staff 3m, complete in a set case



ORDER NO.	EAN-CODE	PU
052.555A	4 021563 710515	1



Duraplane Plus G360 set 175cm

360° HYBRID +2 VERTICAL LASER LINES

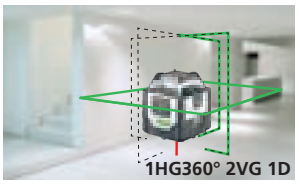


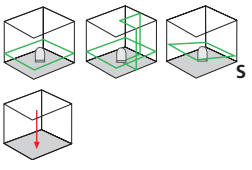
Robust 360° hybrid laser with horizontal laser circle, two vertical laser lines, Anti-Drift-System, compact tripod 175cm, telescopic Levelling staff 3m and laser receiver
– Product description same as Duraplane G360 without CrossGrip Snap

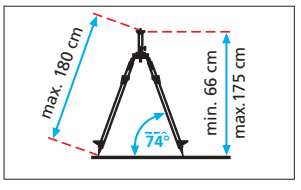
Laser receiver RangeXtender M70
– Laser receiver range up to 70m radius
– High-quality RangeXtender M70 receiver including millimeter display for precise reading of height differences to the laser level

Compact tripod 175cm
– Crank tripod made of aluminium

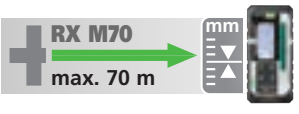
Telescopic levelling staff 3m
– Easily legible, highly stable levelling staffs for use even under extreme conditions
– Made of strong aluminium section

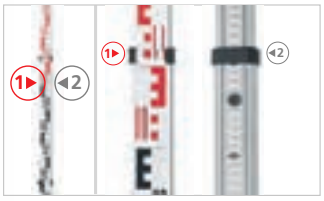












Inclusive: Duraplane Plus G360, RangeXtender M70, 2x Li-Ion battery pack, power supply/battery charger incl. international adapter, compact tripod 175cm, 5/8" thread adapter, telescopic levelling staff 3m, complete in a set case



ORDER NO.	EAN-CODE	PU
052.600A	4 021563 739004	1



Interior finishing work and above ground construction



HIGH POWER in 18V

Battery systems from leading manufacturers

Duraplane GMX Multi-18V

NEW!



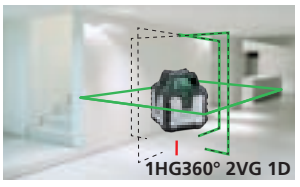
Robust 360° hybrid laser with horizontal laser circle, two vertical laser lines, Anti-Drift-System and millimetre hand-held receiver – compatible with 18 V battery systems from well-known manufacturers

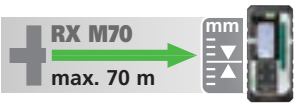
– Exact and time-saving alignment of horizontals in the whole room with 360° laser circle
– Compatibility with 18V battery systems: Works with 18V batteries from various well-known manufacturers thanks to separately available PowerAdapters
– Efficient use: By choosing the right adapter, the laser can be seamlessly integrated in the customer's existing 18V peripheral systems
– Two individually selectable laser lines for exact vertical alignment
– Precise work through fine and extremely bright green laser line
– Straightforward plumb function using upper laser cross and additional plumb laser
– Manual slope function for simple levelling of gradients
– Reliable measurement through automatic power off with ADS tilt
– Easy-to-read, coloured display for battery charge status
– IP 54: dust and splash proofing
– Extremely robust for tough applications
– Integrated hand-held receiver mode for outdoor applications

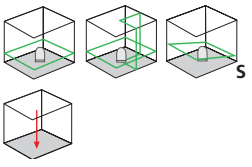
Laser receiver RangeXtender M70

– Laser receiver range up to 70m radius
– High-quality RangeXtender M70 receiver including millimetre display for precise reading of height differences to the laser plane









Inclusive: Duraplane GMX Multi-18V, RangeXtender M70, 5/8" thread adapter, carrying case (PowerAdapter not included in delivery, available separately)



ORDER NO.	EAN-CODE	PU
052.700A	4 021563 746842	1

Laser 515 nm · 2 · 300 lx · 60 m · ADS Tilt · AUTOMATIC LEVEL · lock · 360° LASER · PULSE OPTION · magnetic · 5/8" · IP 54 · Multi Adapter · HARD

PowerAdapter 18V

Simple integration to existing 18V battery systems thanks to suitable adapters!



Compatible with	Order No.	EAN-Code	PU
PowerAdapter Multi-18V Bosch Professional compatible	036.380.1A	4021563745814	1
PowerAdapter Multi-18V Dewalt compatible	036.380.2A	4021563745821	1
PowerAdapter Multi-18V Festool compatible	036.380.3A	4021563745838	1
PowerAdapter Multi-18V Hikoki compatible	036.380.4A	4021563745845	1
PowerAdapter Multi-18V Makita compatible	036.380.5A	4021563745852	1
PowerAdapter Multi-18V Metabo compatible	036.380.6A	4021563745869	1
PowerAdapter Multi-18V Flex compatible	036.380.8A	4021563745883	1
PowerAdapter Multi-18V Einhell compatible	036.380.9A	4021563745937	1
PowerAdapter Multi-18V Hilti compatible	036.380.10A	4021563745906	1
PowerAdapter Multi-18V Milwaukee compatible	036.380.11A	4021563745913	1
PowerAdapter Multi-18V Bosch Power for All compatible	036.380.13A	4021563746774	1



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Rotary lasers



Rotary lasers are used accurately convey heights, alignments and slopes over great distances, even in poor visibility. Laserliner rotary lasers make measuring easier and safer. Their reliability and accuracy have proved themselves in practical applications, even in very unusual applications.

Laser 635 nm

Rotary lasers with 635nm technology have a large temperature range in which they operate reliably. Visibility is limited to indoor area applications.

Laser 515 nm

Green looks 6 times brighter than red. This makes possible applications on dark surfaces, over long distances and working even in very bright ambient light conditions. A red laser with a wavelength of 635 nm is used as reference for the difference in brightness.

Automatic alignment of the device…

sensor AUTOMATIC sensor AUTOMATIC

…with electronic vials and positioning motors controlled by temperaturestable sensors for automaticalignment of devices.

AUTOMATIC LEVEL

…with a magnetically dampened pendulum system.

The devices are set to their initial position and align themselves automatically in a matter of seconds.





ADS Tilt

Prevents erroneous or inaccurate measurements: Continuous monitoring of the alignment of the laser is activated 20 or 30/35 seconds after automatic levelling. Measurements will be suspended as a precaution if the device is disturbed unintentionally or moves due to the influence of external factors.

ANTI SHAKE

Additional function for all units with „Sensor Automatic“: The electronic permanently levels the units even if these are moving. For quick levelling, on vibrating surfaces and windy weather.

Accu pack | Li-Ion Accu pack | Li-Ion Accu pack

Battery system

2

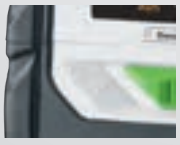
Laser class

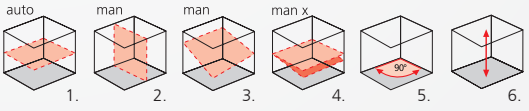
IP 66 IP 54

The measuring tools are characterised by specific protection against dust and rain.

lock **lock**

Transport LOCK: Units with “Automatic Level” are protected with a pendelum lock during transport. A special motor lock protects units with “Sensor Automatic”.





The space grids show the laser planes and functions.

1. Horizontal levelling
2. Vertical levelling
3. Slope function
4. Slope function of one axis
5. 90° angle
6. Reference beam up/ Plumb laser down

auto: Automatic alignment
man: Manual alignment

Powerful technology

Rotary lasers

Overview

	Cubus	Quadrum Compact 210 S / M350 S	Quadrum Compact G 210 S / GT M300 S	Quadrum GSL M350	Quadrum DigiPlus GT M400 S
					
Typ	Rotation	Rotation	Rotation	Rotation	Rotation
Brightness Visibility at 300 Lux	PowerGreen ++ 60 m	PowerBright ++ 60 m/PowerGreen 60 m	PowerBright ++ 60 m	PowerBright ++ 60 m	PowerGreen ++ 60 m
Horizontal	auto	auto	auto	auto	auto
Vertical	auto	auto	auto	auto	auto
Accuracy mm / m	0,15	0,15	0,15	0,075	0,075
Reference beam up	●	●	●	●	●
Plumb laser down		●	●	●	●
Levelling range	4°	4°	5°	6°	6°
Levelling principle	Sensor-Automatic	Sensor-Automatic	Sensor-Automatic	Sensor-Automatic	Sensor-Automatic
AntiDriftSystem (Tilt)	●	●	●	●	●
Vertical fine adjustment		●	●	●	●
AntiShake	●	●	●	●	●
Slope function	manual	DualSlope	DualSlope	DualSlope	Single-/DualGrade
Remote control	●	●	●	●	●
Tracking function		- / ●	●		●
Receiver mode	●	●	●	●	●
Green laser technology	○	○ / ●	●	●	●
Laser class	2	2	2	2	2
Additional laser receiver	Page 77	Page 77	Page 77	Page 77	Page 77

● = available ○ = optional







Rotary lasers

High level of robustness, accuracy and range up to 400m radius with optimal visibility due to different laser modes.
For indoor and outdoor applications.

- Laser modes: spot, scan, rotary and hand receiver mode
- Levelling range to 4° – vertical
- ADS Tilt prevents incorrect measurements of the reference height in the event of vibrations
- Horizontal / vertical levelling
- Plumb laser up (90° reference beam)

Interior finishing work, above and below ground construction

HIGH VISIBILITY



Cubus 210 S set 150 cm



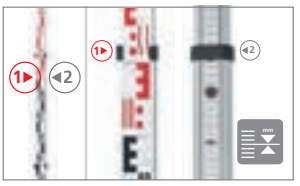
Fully automatic rotary laser with lightweight tripod 150cm, telescopic levelling staff 4m, laser receiver and snap-on stand/wall bracket
– 4° self-levelling range, accuracy 0.15mm / m
– Laser modes: spot, scan, rotary and hand receiver mode
– Slope function
– All functions of the rotary laser can be controlled with the remote control from up to 30 m.
– The additional reference beam makes alignment of partitions easier.
– Work efficiently and charge the battery at the same time

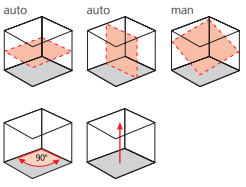
Laser receiver SensoLite 210 set
– Laser receiver range up to 200m radius

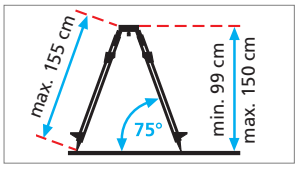
Lightweight tripod 150cm
– Lightweight design with milled mounting surface

Telescopic levelling staff 4m
– Product description same as on page 81













Inclusive: Cubus, SensoLite 210, stand/wall bracket, universal mount, remote control, Li-Ion battery pack, power supply/battery charger incl. international adapter, lightweight tripod 150cm, telescopic levelling staff 4m, complete in a set case



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052.205A	4 021563 715015	1



Cubus G 210 S set 150 cm

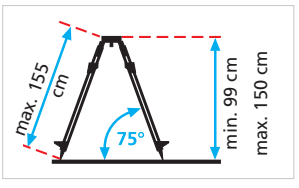


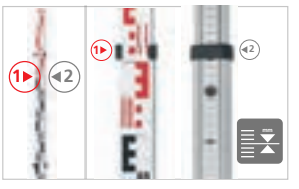
Fully automatic rotary laser with green laser technology, lightweight tripod 150cm, telescopic levelling staff 4m, laser receiver and snap-on stand/wall bracket
– Product description same as Cubus 210 S
– With SensoLite G 210 instead of SensoLite 210

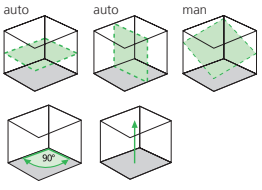
Laser receiver SensoLite G 210 set
– Laser receiver range up to 200m radius

Lightweight tripod 150cm
– Lightweight design with milled mounting surface

Telescopic levelling staff 4m
– Product description same as on page 81











Inclusive: Cubus G, SensoLite G 210, stand/wall bracket, universal mount, remote control, Li-Ion battery pack, power supply/battery charger incl. international adapter, lightweight tripod 150cm, telescopic levelling staff 4m, complete in a set case



ORDER NO.	EAN-COD	PU
052.305A	4 021563 715022	1



Interior finishing work, above and below ground construction

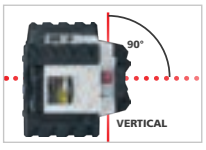


Quadrum Compact 210 S



Very easy-to-use rotating laser
– Extremely practical, easy to use, one-button operation
– With additional red plumb laser
– Deviation from the horizontal plane can set digitally in X and Y axes.
– 4° self-levelling range, accuracy 0.15mm / m
– Laser modes: spot, scan, rotary and hand receiver mode
– All functions of the rotary laser can be controlled with the remote control from up to 40m.
– Long battery operating time thanks to powerful lithium-ion rechargeable battery

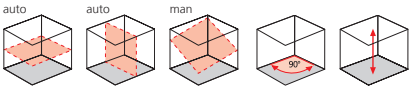
Laser receiver SensoLite 210 set
– Laser receiver range up to 200m radius





2x HIGH CAPACITY PACK USB-C

SENSOLITE 210 max. 200 m



Inclusive: Quadrum Compact, SensoLite 210, universal mount, remote control, 2x Li-Ion battery pack, batteries, power supply/battery charger incl. international adapter, USB-A to USB-C-cable, carrying case

ORDER NO.	EAN-COD	PU
053.500A	4 021563 731992	1



Laser 635 nm | 2 | sensor AUTOMATIC | lock | ANTI SHAKE | ADS Tilt | OFF Control | 5/8" | IP 66 | 2x Li-Ion Accu pack | HARD

Quadrum Compact 210 S set 165cm/ M350 S set 165cm

Very easy-to-use rotating laser with lightweight tripod 165cm, telescopic levelling staff 4m, and laser receiver
– Product description same as Quadrum Compact



210 S set 165cm

Laser receiver SensoLite 210
– Laser receiver range up to 200m radius

Lightweight tripod 165cm
– Lightweight design with milled mounting surface

Telescopic levelling staff 4m
– Product description same as on page 81

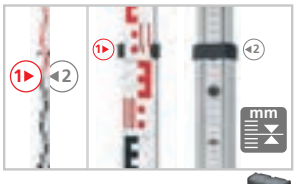
M350 S set 165cm

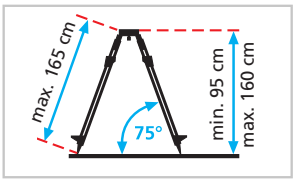
Laser receiver SensoMaster M350 S
– Laser receiver range up to 350m radius
– Millimetre exact distance reading for laser level

Lightweight tripod 165cm
– Lightweight design with milled mounting surface

Telescopic levelling staff 4m
– Product description same as on page 81



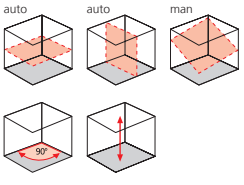




2x HIGH CAPACITY PACK USB-C

SENSOLITE 210 max. 200 m

SM M350 max. 350 m



Inclusive: Quadrum Compact, SensoLite 210 or SensoMaster M350, universal mount, remote control, 2x Li-Ion battery pack, batteries, power supply/battery charger incl. international adapter, USB-A to USB-C-cable, lightweight tripod 165cm, telescopic levelling staff 4m, complete in a set case



	ORDER NO.	EAN-COD	PU
210 S set 165 cm	053.510A	4 021563 732005	1
M350 S set 165 cm	053.520A	4 021563 736485	1

Laser 635 nm | 2 | sensor AUTOMATIC | lock | ANTI SHAKE | ADS Tilt | OFF Control | 5/8" | IP 66 | 2x Li-Ion Accu pack | HARD

Interior finishing work, above and below ground construction



Quadrum Compact G 210 S set 165 cm

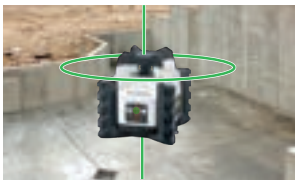


Extremely easy to operate and robust rotary laser with green laser technology, lightweight tripod 165cm, telescopic levelling staff 4m, and laser receiver
– Extremely practical, easy to use, one-button operation
– With additional red plumb laser
– Deviation from the horizontal plane can set digitally in X and Y axes.
– 4° self-levelling range, accuracy 0.15mm / m
– Laser modes: spot, scan, rotary and hand receiver mode
– All functions of the rotary laser can be controlled with the remote control from up to 40m.
– Long battery operating time thanks to powerful lithium-ion rechargeable battery

Laser receiver SensoLite G 210 set
– Laser receiver range up to 200m radius

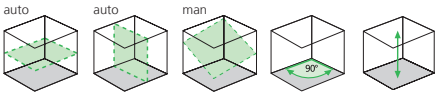
Lightweight tripod 165cm
– Lightweight design with milled mounting surface

Telescopic levelling staff 4m
– Product description same as on page 81









Inclusive: Quadrum Compact G, SensoLite G 210, universal mount, remote control, 2x Li-Ion battery pack, batteries, power supply/battery charger incl. international adapter, USB-A to USB-C-cable, lightweight tripod 165cm, telescopic levelling staff 4m, complete in a set case



ORDER NO.	EAN-CODE	PU
053.610A	4 021563 734603	1



Quadrum Compact GT M300 S



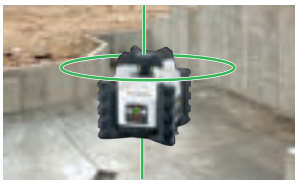
TRACKING FUNCTION

Very easy-to-use, robust rotary laser with green laser technology, tracking function and laser receiver with millimetre display
– Tracking function: Automatic alignment of the rotary laser to the millimetre receiver by radio transmission, ideal for precise horizontal and vertical levelling
– Good visibility through green laser technology
– 4° self-levelling range, accuracy 0.15mm / m
– Easy alignment of slopes up to 4° with motorised tilt function and over 4° with manual tilt function and optional angle plate
– Also suitable for precise vertical alignment work due to 5/8" thread
– Especially practical: Main uses can be access with just one button
– Additional plumb laser at top and bottom
– Time-saving fully automatic alignment by means of automatic sensor

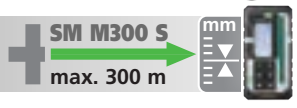
Laser receiver SensoMaster M300
– Laser receiver range up to 300m radius

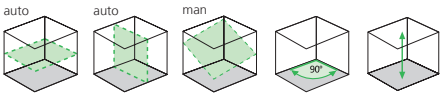












Inclusive: Quadrum Compact GT, SensoMaster M300, universal mount, remote control, 2 x Li-Ion battery pack, batteries, power supply/battery charger incl. international adapter, USB-A to USB-C cable, carrying case



ORDER NO.	EAN-CODE	PU
053.650A	4021563 740178	1



Interior finishing work, above and below ground construction



Laser receiver – Ideal for outdoor applications and in bright ambient light

Quadrum GSL M350

NEW!



Extremely robust, fully automatic and easy-to-operate rotary laser with green laser technology and SensoMaster M350 laser receiver

- Very robust construction with a weather-resistant top cover for optimum device protection
- Good visibility through green laser technology
- Digital inclination adjustment: The horizontal plane can be inclined in the X- and Y-axis
- Gradients up to 6° can be aligned easily using the motorised Tilt function; gradients over 6° can be set using the manual Tilt function and an optional angle plate
- Reliable measurement through automatic power off with ADS tilt
- Ready for immediate use: After switching on and complete levelling, Tilt is automatically active after approx. 20 seconds
- AntiShake provides quick setup on vibrating surfaces and when exposed to wind
- The 90° reference beam is provided to plumb and align partition walls
- Time-saving fully automatic alignment by means of automatic sensor
- Remote operation controls all functions from all sides up to max. 40 m
- Extremely simple operation for practical use
- Powerful lithium-ion battery with long operating time
- Transport LOCK: The device is protected by a special motor brake during transport
- Long range of the laser receiver: up to 350 m
- LC display front and rear
- Switchable, extremely loud Piezo buzzer sound
- Rugged enclosure
- Head- and side magnets
- Height difference to laser level is displayed graphically and numerically



Ready for immediate use: After switching on and complete levelling, Tilt is automatically active after approx. 20 seconds



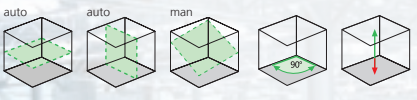
Very robust construction with a weather-resistant top cover for optimum device protection



Rubberized keypad: Large push buttons deliver clear tactile feedback, ensuring settings are selected and confirmed with confidence.







Inclusive: Quadrum GSL M350, SensoMaster M300, universal mount, remote control, Li-ion battery pack, power supply / battery charger, carrying case

ORDER NO.	EAN-CODE	PU
053.800A	4 021563747191	1

Laser 515 nm · 2 · sensor AUTOMATIC · lock · ADS Tilt · Control · 5/8" · IP 66 · Li-ion Accu pack · HARD

Interior finishing work, above and below ground construction



Quadrum DigiPlus GT M400 S

NEW!



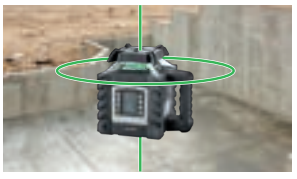
Fully automatic rotary laser with green laser technology, tracking function and laser receiver with millimetre display

- Tracking function: Automatic alignment of the rotary laser to the millimetre receiver by radio transmission, ideal for precise horizontal and vertical levelling
- Good visibility through green laser technology
- 6° self-levelling range, accuracy 0.075mm / m
- Digital inclination adjustment: The horizontal plane can be inclined in the X- and Y-axis
- Easy alignment of slopes with manual tilt function
- The 90° reference beam is provided to plumb and align partition walls
- Time-saving fully automatic alignment by means of automatic sensor
- Large illuminated LC display
- All functions can be controlled with the remote control

Laser receiver SensoMaster M400

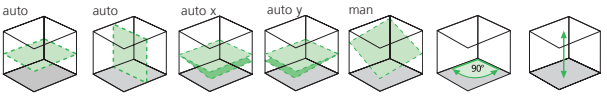
- Laser receiver range up to 400m radius





LI-ION POWER

SM M400 S
max. 400 m



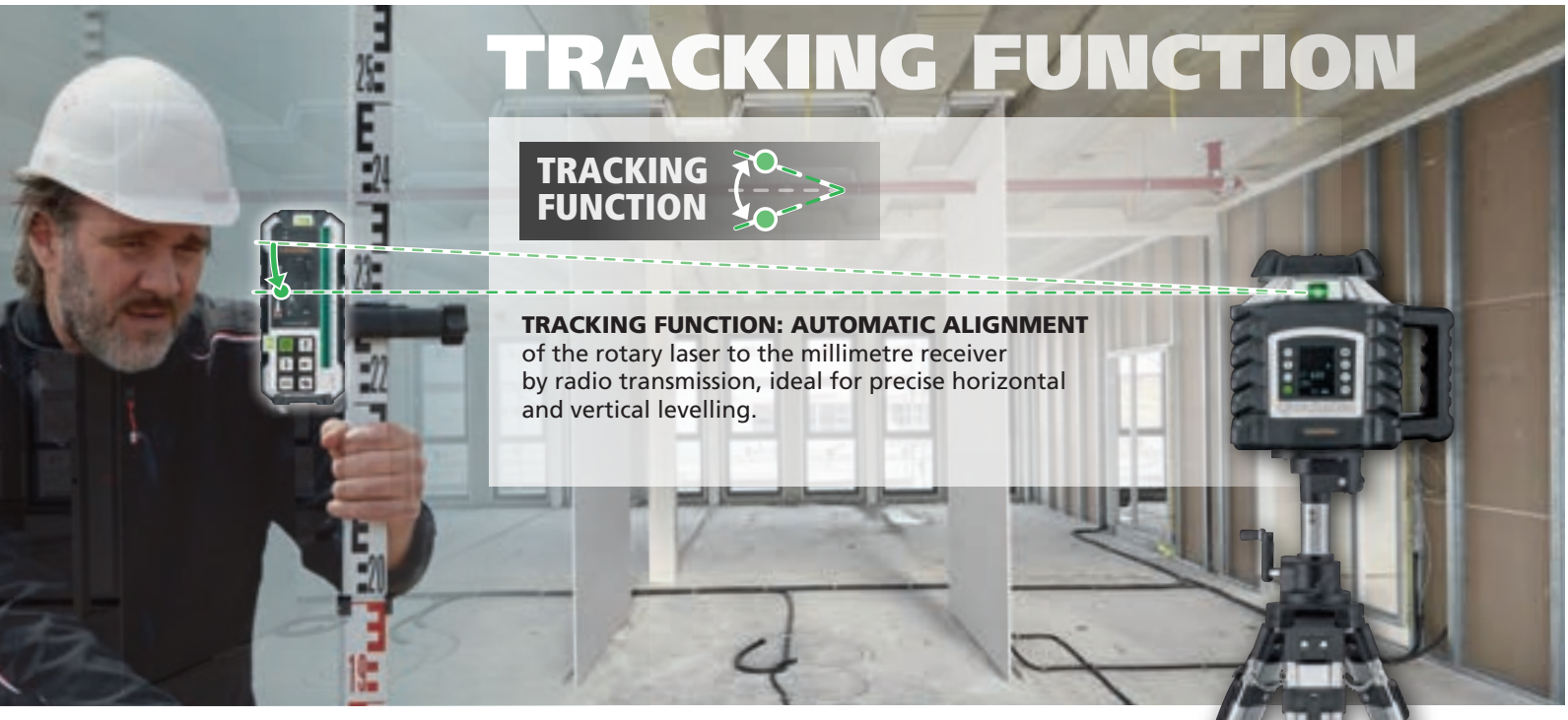
TRACKING FUNCTION

Inclusive: Quadrum DigiPlus GT, SensoMaster M400, universal mount, remote control, Li-Ion battery pack, power supply/battery charger incl. int. adapter, carrying case, batteries



ORDER NO.	EAN-CODE	PU
053.450A	4 021563 740420	1

Laser 515 nm · 2 · sensor AUTOMATIC · lock · ADS Tilt · RF Control · 5/8" · IP 66 · Li-Ion Accu pack · HARD



Accessories

SensoLite 210 set



Laser receiver for red rotary lasers
– Fast alignment work in close and long distance
– Head magnet
– The universal mount enables the device to be attached to levelling staffs.
– Laser reception range up to 200m for red lasers

Not suitable for green lasers.

Inclusive: universal mount, batteries, carrying case



ORDER NO.	EAN-CODE	PU
028.68A	4 021563 716784	1

HIGH SPEED · magnetic · AutoSound · IP 66 · 4x AAA · HARD

SensoLite G 210 set



Laser receiver for green rotary lasers
– Fast alignment work in close and long distance
– Head magnet
– The universal mount enables the device to be attached to levelling staffs.
– Laser reception range up to 200m for green lasers

Not suitable for red lasers.

Inclusive: universal mount, batteries, carrying case



ORDER NO.	EAN-CODE	PU
028.69A	4 021563 716791	1

HIGH SPEED · magnetic · AutoSound · IP 66 · 4x AAA · HARD

SensoLite 410 set



High-performance laser receiver with extremely large receiving range for red and green rotary lasers
– Extremely long laser reception range for quick laser acquisition at great distances
– LC displays on the front and rear. Acoustic signals show the height of the laser beam.
– Illuminated front LC display
– Extremely bright 3-colour LEDs are located at the front, rear and side for remote identification.
– Versus function: The receiver monitors the reference height of the rotary laser, thus effectively preventing false measurements. Visual and acoustic signals indicate when the laser beam moves out of the reference height, e.g. as the result of external influences acting on the rotary laser.
– Extremely loud buzzing sound possible
– Strong head and side magnets
– Universal holder with circular bubble level
– Laser reception range up to 400m



Super bright signal LED: High, Low, Target

Inclusive: universal mount, battery

ORDER NO.	EAN-CODE	PU
028.75	4 021563 677214	1

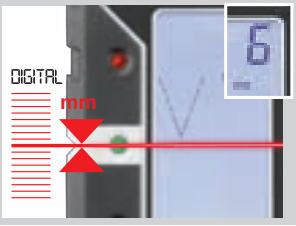
HIGH SPEED · magnetic · AutoSound · IP 67 · 9V

SensoMaster M300 set

NEW!



High-performance laser receiver for green rotary lasers with millimetre display, tracking function and large reception range
– Tracking function: The receiver transmits the target position via radio, and the Quadrum Compact G rotary laser automatically aligns itself to it. Ideal for precise levelling, e.g. installing room dividers or aligning a terrace
– Long laser receiver unit for rapid detection of the laser over large distances
– Millimetre display for quick and accurate reading of height differences with respect to the laser level
– Easy-to-read LC displays on front and back
– Head magnet allow quick attachment to metallic surfaces



Millimetre exact distance reading for laser level

Laser range up to 300 m

Inclusive: universal mount, batteries

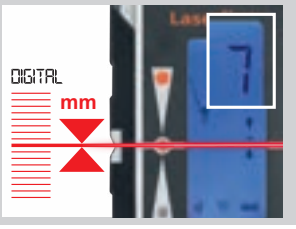
ORDER NO.	EAN-CODE	PU
028.77	4 021563 740451	1

HIGH SPEED · magnetic · AutoSound · IP 66 · 4x AA

SensoMaster M350 set



Millimetre laser receiver for red and green rotary lasers
– 127mm long laser receiver for quick laser acquisition over great distances
– Millimetre exact distance reading for laser level
– Height difference to laser level is shown graphically and numerically on the double-sided LC display
– Three bright LEDs on the front as well as an optional extremely loud buzzer also indicate the distance to the laser level.
– Vertical and horizontal vial
– Robust housing with strong head and side magnets
– Laser reception range up to 350m



Millimetre exact distance reading for laser level

Laser range up to 350 m

Inclusive: universal mount, batteries

ORDER NO.	EAN-CODE	PU
028.85	4 021563 706815	1

HIGH SPEED · magnetic · AutoSound · IP 66 · 4x AA

Accessories



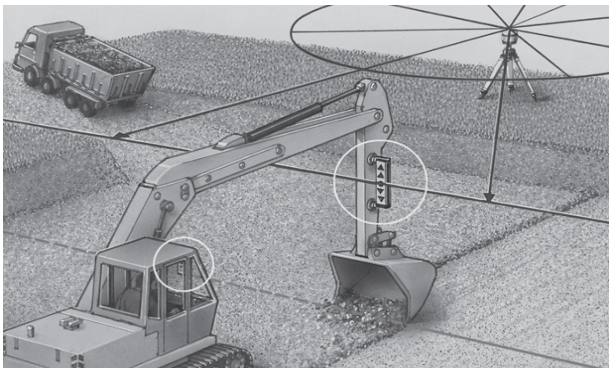
SensoPilot Pro





Machine laser receiver for construction machine control
– In combination with a rotary laser, the SensoPilot serves as a continuous guide for height control.
– Each of its four laser receiver units, which measure 25cm in length, can receive the laser beam in a 360° radius.
– Large clearly visible LEDs show the laser's plane.
– Range 200m
– Highly durable waterproof and dust-proof housing
– With powerful magnets to fasten the device to the machine

Not suitable for green lasers.



Inclusive: built-in battery, power supply/battery charger incl. international adapter, 12/24V battery cable, carrying case

ORDER NO.	EAN-CODE	PU
035.00A	4 021563 658787	1

magnetic · IP 66 · RECHARGE · HARD

Remote Display for SensoPilot



This remote display allows reference height to be monitored from the driver's cab
– This is the ideal complement for the SensoPilot mobile laser receiver
– Very robust design with mounting socket
– Water and dust-proof housing

Inclusive: connection cable for SensoPilot

ORDER NO.	EAN-CODE	PU
035.01	4 021563 658800	1



Automatic levelling instruments



Proven and tested optical measuring instruments



PRACTICAL UNIVERSAL DEVICES

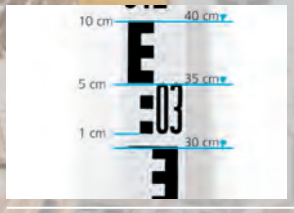
Levelling instruments are used for special tasks on large building sites. They work like a precision telescope, with an artificial target line generated at a specified height – the horizontal reference. An automatic leveller automatically adjusts the target line in the horizontal plane.



Horizontal circle with endless fine adjustment for precise targeting.



Practical, adjustable fold-up mirror for simple alignment with a circular spirit level.



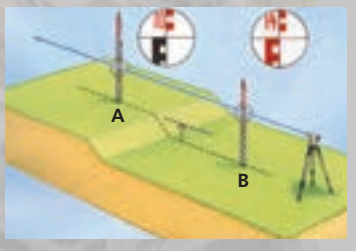
Long-distance scale with E graduation



The 165cm tall, ball-head tripod allows an AL 26/32 to be aligned rapidly.

Measuring with level

To determine the height difference in the example shown here, the levelling staff is first set up at Point A. The optical system of the level has automatically aligned itself horizontally. With the help of the optical sight marking, it is now possible to read off the distance between Point A and the sight line shown in blue. The staff can now be positioned at any Point B, and the second measuring point read off through the sight.



Calculation of height difference

Height A - Height B = Height difference H



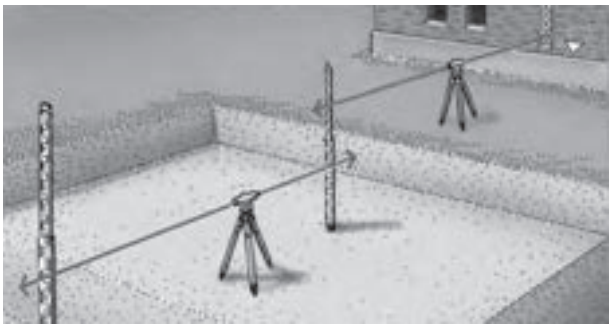


Proven and tested optical measuring instruments

Automatic Optical Level 26 Plus







Robust, reliable levelling instrument with bright, high-performance lenses
- Practical quick target finder
- Air damped compensator
- Magnification 26 x
- Standard deviation 1.5mm / km
- 360° horizontal circle, 400 gon on request
- The cross hair can be calibrated in all directions due to high quality 2 axis
- With transport securing device

Inclusive: AL 26, plumb bob, allen key, calibration needle, carrying case with strap

ORDER NO.	EAN-CODE	PU
080.84	4 021563 705283	1



5/8" · IP 64 · HARD

Automatic Optical Level 26 Plus set





Levelling set with aluminium lightweight tripod 165cm and telescopic levelling staff LT 5m



Inclusive



Inclusive: AL 26, allen key, calibration needle, carrying case with strap, aluminium lightweight tripod 165cm, telescopic levelling staff LT 5m

ORDER NO.	EAN-CODE	PU
080.84-1	4 021563 705313	1

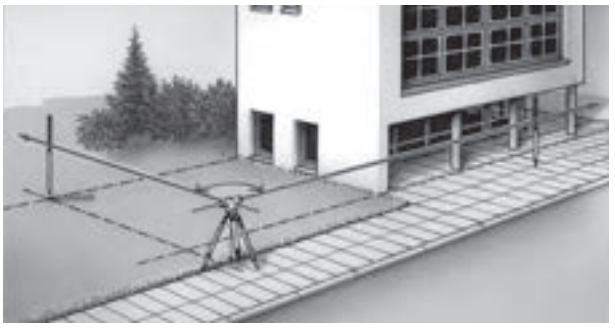


5/8" · IP 64 · HARD

Automatic Optical Level 32 Plus







Robust, reliable levelling instrument with bright, high-performance lenses
- Practical quick target finder
- Air damped compensator
- Magnification 32 x
- Standard deviation 1mm / km
- 360° horizontal circle, 400 gon on request
- The cross hair can be calibrated in all directions due to high quality 2 axis
- With transport securing device

Inclusive: AL 32, plumb bob, allen key, calibration needle, carrying case with strap

ORDER NO.	EAN-CODE	PU
080.85	4 021563 705290	1



5/8" · IP 64 · HARD

Automatic Optical Level 32 Plus set





Levelling set with aluminium lightweight tripod 165cm and telescopic levelling staff LT 5m



Inclusive



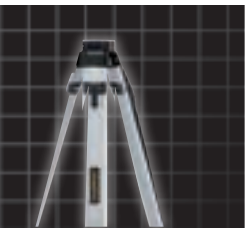
Inclusive: AL 32, allen key, calibration needle, carrying case with strap, aluminium lightweight tripod 165cm, telescopic levelling staff LT 5m

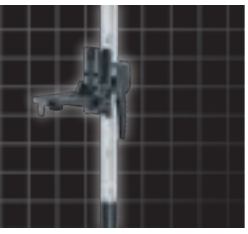
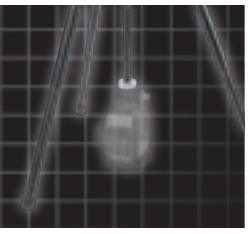
ORDER NO.	EAN-CODE	PU
080.85-1	4 021563 705320	1

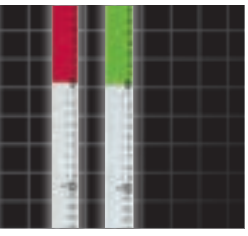


5/8" · IP 64 · HARD

Accessories for laser and levelling devices

THE BASIS FOR RELIABLE WORK

To make full use of all the capabilities offered by a line- and rotation laser or automatic level, a tripod is necessary. Laserliner offers an extensive range of tripods, since different tasks call for different technical solutions. Wallmounts ease ceiling work.

Professional crank lift on
the professional crank tripod



Easy mounting of measuring
devices thanks to spring-loaded bevel gear



The seat for the instrument is
milled and surface-ground



An all-round steel chain prevents the
legs from spreading on smooth floors



Sturdy steel feet with rubber casing

Quick-release lock for
equal extension of all legs



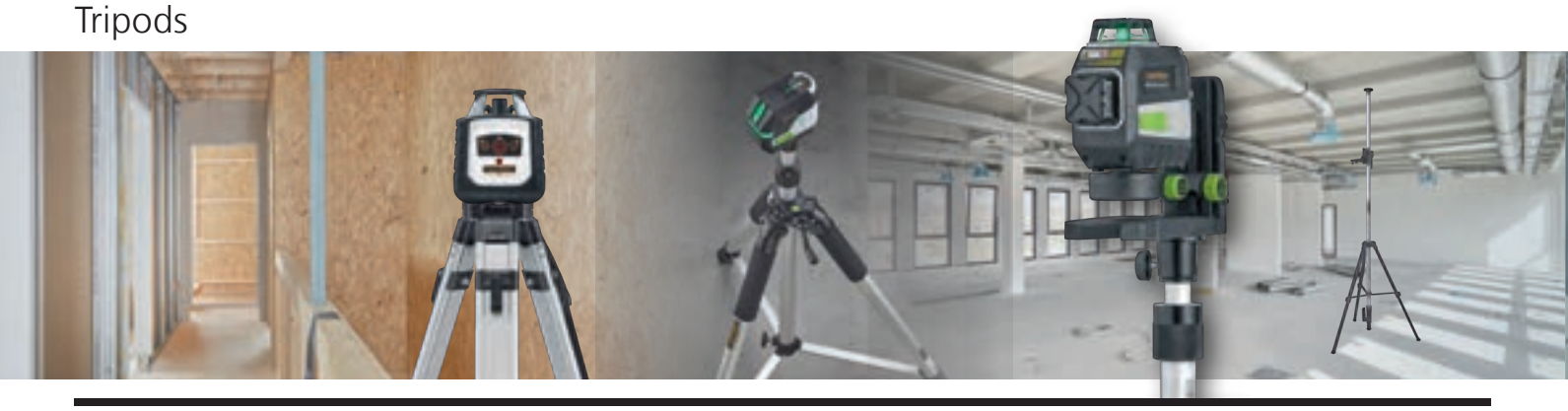
Crank lift with mm graduation



Adjustable carrying strap



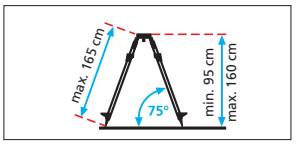
Tripods



TriStand 165 cm



Lightweight design with milled mounting surface
– 5/8" thread adapter
– Sturdy steel feet
– Quick-release lock



Inclusive: hook for plumb bob, carrying strap

ORDER NO.	EAN-CODE	PU
080.00	4 011879 633967	1

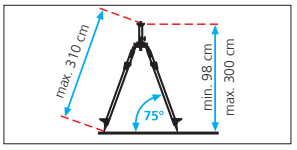
5/8" SOFT

VarioStand L 300cm



High-quality aluminium tripod
– With adapter for mounting devices with 1/4" and 5/8" thread
– Extremely long crank lift (85cm) allows a large range of adjustment.
– Special combination feet (rubber steel tips) facilitate adaptation to different surfaces
– Telescopic tripod legs





Inclusive:
1/4"- and 5/8"-adapter for mounting devices, softbag

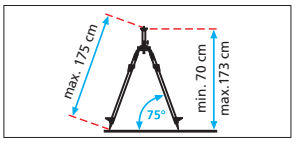
ORDER NO.	EAN-CODE	PU
080.24A	4 021563 706518	1

1/4" 5/8" SOFT

ProStand 175cm



Heavy design with integrated professional crank height adjustment
– 5/8" thread adapter
– Extremely long crank lift (97cm) allows a large range of adjustment.
– Crank can be fixed in place without any play.
– Special combination feet (rubber steel tips) facilitate adaptation to different surfaces
– Sturdy steel feet
– Steel chains



Inclusive: carrying strap

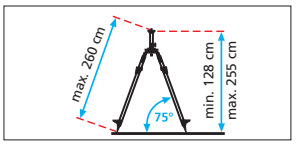
ORDER NO.	EAN-CODE	PU
080.26	4 021563 706464	1

5/8"

ProStand 260cm



Heavy design with integrated professional crank height adjustment
– 5/8" thread adapter
– Extremely long crank lift (70cm) allows a large range of adjustment.
– Crank can be fixed in place without any play.
– Special combination feet (rubber steel tips) facilitate adaptation to different surfaces
– Sturdy steel feet
– Steel chains



Inclusive: carrying strap

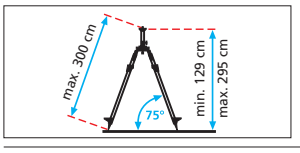
ORDER NO.	EAN-CODE	PU
080.35	4 011879 633462	1

5/8"

ProStand 300cm



Heavy design with integrated professional crank height adjustment
– 5/8" thread adapter
– Suitable for windy conditions thanks to stability fitting
– Extremely long crank lift (60 + 60cm) allows a large range of adjustment.
– Crank lift can be fixed and adjusted without play.
– Special combination feet (rubber steel tips) facilitate adaptation to different surfaces
– Sturdy steel feet



Inclusive: carrying strap

ORDER NO.	EAN-CODE	PU
080.39	4 021563 694075	1

5/8"

Fasteners



SpiderStand 150 cm



Universal compact tripod for the secure installation of laser measuring devices with 1/4" thread – including UpsideDown function for applications close to the ground
– Exact and reliable installation of laser measuring instruments
– Three-fold pull-out tripod tube allows flexible height adjustment
– UpsideDown function: Quick turning of the tripod column to position the laser at low heights for working close to the ground

Inclusive: softbag

ORDER NO.	EAN-CODE	PU
080.21A	4 021563 740345	1

1/4" SOFT

TelePod Stand 330 cm



Telescopic clamping tripod for flexible and secure positioning of laser measuring devices
– Optimum combination of telescopic clamping pole and solid construction site tripod for high flexibility and stability
– Exact and reliable installation of laser measuring instruments
– For room heights up to 3.30 m
– Simple and time-saving mounting between floor and ceiling
– Can also be used as a conventional laser tripod
– Clamping bracket with fine adjustment and 1/4" thread adapter
– Telescopic tripod legs
– 7-piece design for easy transportation

Inclusive: clamp bracket, softbag

ORDER NO.	EAN-CODE	PU
090.125A	4 021563 740369	4

1/4" SOFT

UniFix



Tripod mount
– For securing 5/8" thread tripods
– For use on walls and magnetic objects

For all laser measuring devices with 1/4" threads.

ORDER NO.	EAN-CODE	PU
036.26	4 021563 692934	1

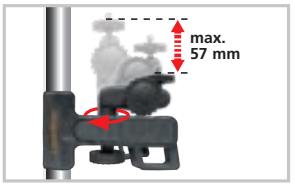
magnetic 1/4" 5/8"

FlexClamp Plus



Universal clamping bracket
– Easy-to-adjust clamping bracket with base support
– Versatile damage free mounting options for surfaces
– Easy-to-adjust height and position of the measuring device
– Practical base

For all laser measuring devices with 1/4" threads.





ORDER NO.	EAN-CODE	PU
090.135A	4 021563 703456	5

1/4"

Fasteners and levelling staffs

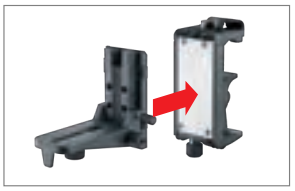
CrossGrip Pro

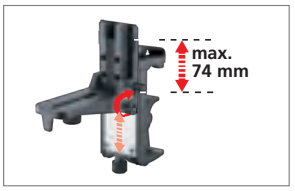


Magnetic clamp and wall bracket – versatile use
– Can be used individually or in combination – horizontally and vertically

For all laser measuring devices with 1/4" threads.







ORDER NO.	EAN-CODE	PU
036.24	4 021563 706242	1

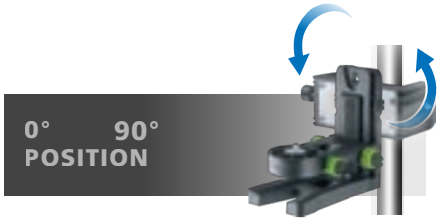
magnetic · 1/4"

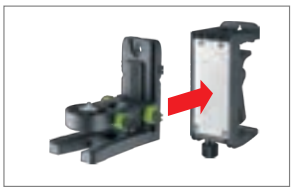
CrossGrip Plus



Magnetic clamp and wall bracket
– Can be used individually or in combination – horizontally and vertically
– With adjustable clamping range and Micro-Control: lateral fine drive for precise vertical adjustment of the laser lines.

For all laser measuring devices with 1/4" threads.







ORDER NO.	EAN-CODE	PU
036.22	4 021563 726844	1

magnetic · 1/4" · 5/8"

Wall Mount Pro



For Laserliner rotary- and linelasers
– With positioning wheel for precise height adjustment, clamp holder for attachment to structural elements.

For all laser measuring devices with 5/8" threads.



ORDER NO.	EAN-CODE	PU
080.71	4 021563 658817	1

5/8"

Angle Bracket 5/8"



Professional design with angle scale
– Tripod adapter for aligning inclines

For all laser measuring devices with 5/8" threads.

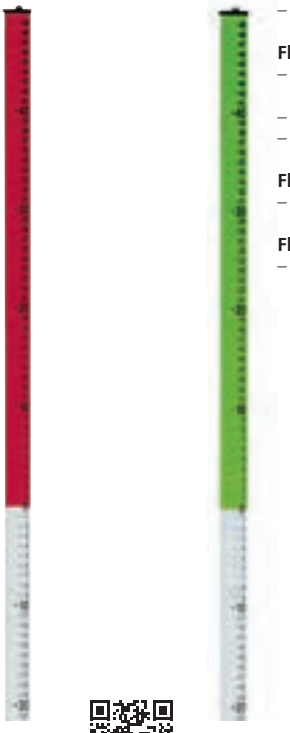


ORDER NO.	EAN-CODE	PU
080.75	4 021563 662821	1

5/8"

Telescopic Levelling Staff

Flexi Levelling Staff Plus red / green

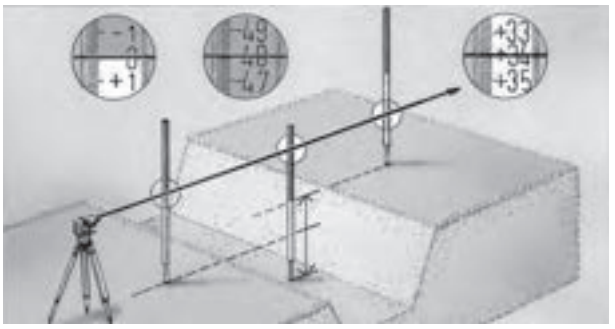


For all measurement of floor height
– Reference height approx. 80-190cm ± 50cm measurement range, max. length approx. 240cm
– Height difference can be read off directly with no calculation necessary
– Unmatched by any normal levelling staff

FlexiSlider
– Optimum positioning aid for laser receiver at Flexi levelling staff Plus
– Smooth slider for quick and easy use
– With quick-action clamp

Flexi levelling staff Plus red
– Ideal for red lasers

Flexi levelling staff Plus green
– Ideal for green lasers







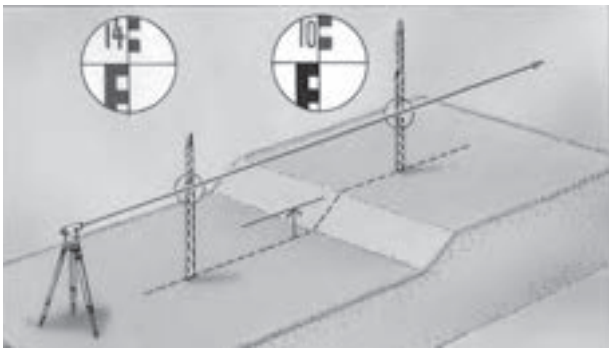
Inclusive: FlexiSlider

	ORDER NO.	EAN-CODE	PU
red	080.50	4 011879 631147	1
green	080.51	4 021563 664948	1

Telescopic Levelling Staff 4m - 5 segments

Easily legible, highly stable levelling staffs for use even under extreme conditions.
Space-saving transport thanks to 5x segments that can be pushed into one another
– Made of strong aluminium section
– For optical levels and rotary lasers
– Only 88 cm long when pushed in for transport, making it inexpensive to ship



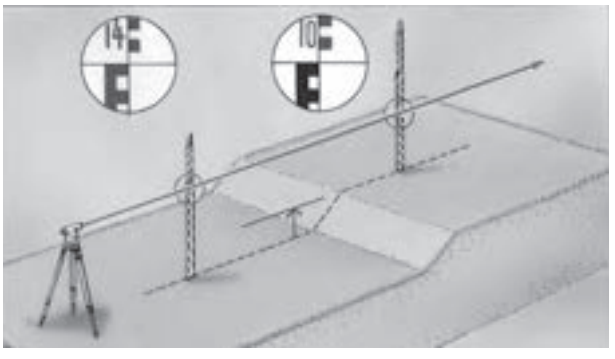


ORDER NO.	EAN-CODE	PU
052.205.02	4 021563 719136	1

Telescopic Levelling Staff LT 4m / 5m

Easily legible, highly stable levelling staffs for use even under extreme conditions
– Made of strong aluminium section
– For optical levels and rotary lasers
– Telescopic Levelling Staff 4m: max. height 4m, min. height 1.19m
– Telescopic Levelling Staff 5m: max. height 5m, min. height 1.22m





Info 4 m

Info 5 m

	ORDER NO.	EAN-CODE	PU
4 m	080.42	4 021563 694112	1
5 m	080.43	4 021563 694129	1



CERTIFIED DESIGN AND QUALITY

Devices have a warranty of 4 years from purchase date on. Rechargeable batteries and accessories are excluded.

Further information on www.laserliner.com/garantie

YouTube

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4 021563 747320

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