



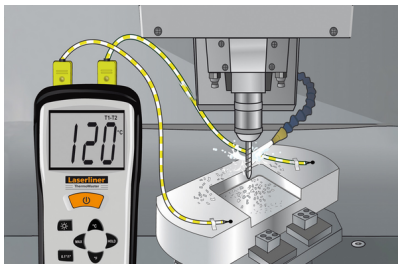
## ThermoMaster



### Digital thermometer with contact thermocouple for use in laboratories and industry

This digital thermometer allows temperatures and temperature differences to be accurately determined. The two flexible K-type thermocouples and the wide measuring range make this a versatile device for use in, for example, laboratories or industrial applications. The MAX function allows limit value infringements to be determined during extended series of measurements. The hold function allows the current measured value to be retained on the display. The fold-out base is perfect for laboratory use in stationary setups. The device has an impact-proof housing and an illuminated LC display.

- Precise determination of temperatures and temperature differences
- Wide range of possible applications thanks to large measuring range
- Dual K-type inputs for thermocouple for direct differential measurement of two temperatures
- MAX function for determining limit value infringements in extended series of measurements
- Fold-out base – perfect for laboratory use in stationary setups
- Robust, impact-resistant housing
- Large, illuminated display



#### TECHNICAL DATA

|  |   |
|--|---|
| <b>Measured Variable</b>                   | Contact temperature   |
| <b>Features</b>                            | HOLD<br>max.<br>Difference<br>Dual input temperature measurement  |
| <b>Contact Temperature Measuring Range</b> | -50°C ... 1300°C  |
| <b>Contact Temperature Accuracy</b>        | -50°C ... 0°C (± 2°C)<br>0°C ... 1000°C (± 0.5% + 1°C)<br>1000°C ... 1300°C (± 0.8% + 1°C)  |
| <b>Contact Temperature Resolution</b>      | 0.1°C / 1°C (≥ 1000°C)  |
| <b>Measuring Range Thermocouple</b>        | -40°C ... 200°C   |
| <b>Accuracy Thermocouple</b>               | ThermoProbe K: ± 2,5 K (-50°C ... 200°C)<br>ThermoSensor Air: ± 2,5 K (-50°C ... 333°C), ± 0,75 % (333°C ... 800°C)<br>ThermoSensor Tip: ± 2,5 K (-50°C ... 333°C), ± 0,75 % (333°C ... 800°C)<br>ThermoSensor Touch: ± 2,5 K (-50°C ... 333°C), ± 0,75 % (333°C ... 400°C) |
| <b>Ports</b>                               | Thermocouple type K   |
| <b>Power Supply</b>                        | 1 x 9V 6LR61 (9V block)   |
| <b>Dimensions (W x H x D)</b>              | 76 mm x 162 mm x 38 mm  |
| <b>Weight</b>                              | 216 g (incl. batteries)   |

#### SCOPE OF DELIVERY



Item No. 082.035A      GTIN (EAN) 4021563676293      SU 2