

# Low-Cost Thermometer

## TDC 150



| Technical Data                           |   |
|--|---|
| <b>Type</b>                              | <b>TDC 150</b>  |
| Measuring range                          | -50°C ... +150°C (-58°F ... 302°F)                                  |
| Resolution                               | 0.1°C in range -20°C ... +150°C<br>(0.2°F in range -4°C ... 302°F)  |
| Accuracy                                 | ±1°C in range -30°C ... +150°C<br>(±1.8°F in range -22°F ... 302°F) |
| Sensor                                   | NTC   |
| Needle type probe                        | stainless steel, Ø 3.5 mm, L = 125 mm, pointed                      |
| Thermal time constant (t <sub>99</sub> ) | 10 s (water)  |
| Operating temperature                    | 0°C ... +50°C (32°F ... 122°F)                                      |
| Storage temperature                      | -10°C ... +60°C (14°F ... 140°F)                                    |
| Display                                  | LCD 7 mm  |
| Battery                                  | 1.5 V, LR44, G13  |
| Battery lifetime                         | approx. 5000 h  |
| Dimensions                               | 24 x 26 x 85 mm   |
| Material                                 | ABS   |
| Weight                                   | approx. 36 g  |
| Protection class                         | IP 65   |

**TDC 150**



| Applications   |  |   |
|--|--|---|
| <ul style="list-style-type: none"> <li>• Temperature checks for meat, cold cuts, fruit, fish, baked goods and pasta</li> </ul> | <ul style="list-style-type: none"> <li>• Bakeries / Butcher's</li> </ul> | <ul style="list-style-type: none"> <li>• Kitchen</li> </ul> |

| Attributes  |   |  |
|---|---|--|
| <ul style="list-style-type: none"> <li>• Fixed probe, pointed</li> <li>• Robust and impact resistant</li> </ul> | <ul style="list-style-type: none"> <li>• Replaceable battery</li> <li>• Switchable between °C / °F</li> </ul> | <ul style="list-style-type: none"> <li>• Needle guard</li> </ul> |

| Description                     | Type    | Part No.  |
|---------------------------------|---------|-----------|
| Thermometer, incl. needle guard | TDC 150 | 1340-1611 |