

TLC 700 Basic Fold-Back Thermometer with foldable penetration probe



Technical Data

Temperature measurement range	-30 °C ... +220 °C (-22 °F ... +428 °F)
Accuracy	±0.5 °C (at -30 °C ... +100 °C), ±1.0 °C for the remaining measurement range
Resolution	0.1 °C
Operating temperature	0 °C ... +50 °C
Battery	Lithium button cell (CR 2032)
Dimensions (L x W x H)	118 x 33 x 15 mm, needle length = 70 mm
Certificate	Factory calibration certificate

- Small size easily fits in a pocket
- Waterproof housing (IP 65)

Type	Description	Part No.
TLC 700	Folding Thermometer	1340-5734

TLC 730 Dual Infrared/Fold-Back Thermometer with foldable penetration probe and infrared sensor



The device has been certified together with the EB 4401 food inspection case (please see page 139).

Technical Data

Measurement range	-50 °C ... +350 °C (-58 °F ... 662 °F)
Accuracy infrared	±4 °C at -50 °C ... -30.1 °C (±7.2 °F at -58 °F ... -22 °F) ±2.5 °C at -30 °C ... -18.1 °C (±4.5 °F at -22 °F ... -0.4 °F) ±1.5 °C at -18 °C ... -0.1 °C (±2.7 °F at -0.4 °F ... 32 °F) ±1.0 °C at 0 °C ... +65 °C (±1.8 °F at 32 °F ... 149 °F) ±2.0 °C or 2 % at +65 °C ... +350 °C (±3.6 °F at 149 °F ... 662 °F)
Accuracy penetration probe	±0.5 °C at -18 °C ... +120 °C (±0.9 °F at -0.4 °F ... 248 °F) ±1 °C (±2 °F) or 1 % for the remaining measurement range (whichever is larger)
Resolution	0.1 °C / 0.2 °F
Sensor	Thermocouple type K
Operating temperature	-25 °C ... +50 °C (-13 °F ... 122 °F)
Storage temperature	-40 °C ... +70 °C (-40 °F ... 158 °F)
Battery	2 x AAA (Micro), user replaceable
Battery lifetime	Approximately 15 h of continuous use
Dimensions (L x W x H)	48 x 24 x 172 mm (without probe)
Housing material	ABS
Weight	Approximately 140 g
Protection class	IP 55
Automatic deactivation	Automatically after 15 seconds, deactivatable
Certificate	Factory calibration certificate

- Double laser pointer
- Including drill for the measurement of frozen food
- Visible and audible alarm upon exceeding/shortfall of limit value

Type	Description	Part No.
TLC 730	Dual Infrared / Fold-Back Thermometer	1340-5730