

TLC 1598 Precision Fold-Back Thermometer

with foldable Pt 1000 penetration probe and high accuracy



Technical Data

Measurement range	-50 °C ... +200 °C (-58 °F ... +392 °F)
Accuracy	±0.3 °C (±0.5 °F)
Resolution	0.1 °C (0.2 °F)
Sensor	Pt 1000
Response time (t ₉₉)	8 s (water)
Operating temperature	0 °C ... +50 °C (+32 °F ... +122 °F)
Storage temperature	-10 °C ... +60 °C (+14 °F ... +140 °F)
Display	LCD 9 mm
Battery	3.6 V lithium
Battery lifetime	Approximately 4 years
Dimensions (L x W x H)	44 x 18 x 158 mm, L = 105 mm
Housing material	ABS
Weight	Approximately 70 g
Protection class	IP54
Certificate	3-point factory calibration (-20 °C, 0 °C and +120 °C)

- High accuracy of ±0.3 °C
- Short response time
- Approximately 4 years battery life time

Type	Description	Part No.
TLC 1598	Precision Fold-Back Thermometer	1340-1620A
AG 121	Nylon bag for TLC 1598	1341-0624

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 % for the remaining measurement range
Resolution	0.1 °C
Operating temperature	-25 °C ... +50 °C (-13 °F ... +122 °F)
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 (-20 °C and 0 °C)

- Small size easily fits in a pocket
- Waterproof housing (IP65)
- Color ring can be changed in order to assign the device to a person, department or application

Type	Description	Part No.
TLC 700	Folding Thermometer	1340-5735A
AG 700	Color ring change set for TLC 700	1341-5735