

FOLDING THERMOMETER



FAST AND RELIABLE CORE TEMPERATURE MEASUREMENTS

- Automatic storage of the maximum and minimum value
- Data-hold mode
- Units can be switched between °C and °F
- Protection class IP 65
- Illuminated display
- Automatic range selection and display resolution of 0.1 °C or 0.1 °F
- HACCP certification: ISO22000: 2005



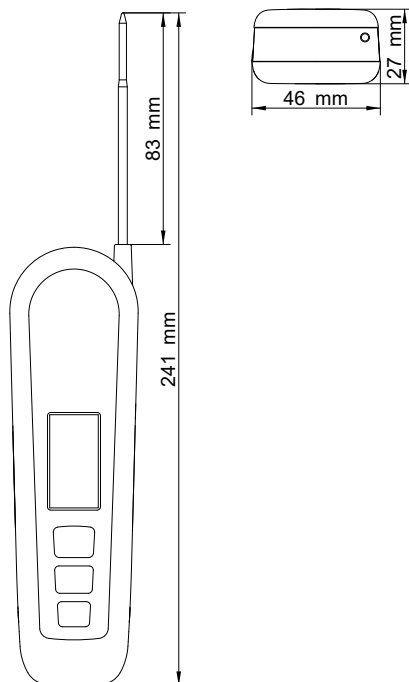
TECHNICAL INFORMATION

The TP31-S indicates temperatures quickly and reliably from within fluids and penetrable materials (core temperatures). The simple operation ensures an efficient measurement.

The rugged immersion probe can be folded out to an angle of 180°, and thanks to its robust hinge, can penetrate semi-solid and viscous plastic materials under considerable force.

Thanks to the IP65 protection, the TP31-S can be cleaned easily under running water

Dimensions



Specifications		TP31-S
Measurement range		-50...300 °C (-58...572 °F)
Sensor type		NTC
Unit of measurement		°C / °F
Display resolution		0.1 °C/°F @ T < 199 °C/°F 1 °C/°F @ T > 199 °C/°F
Measurement accuracy @ 23 °C (73 °F)	-50...-20 °C -58...-4 °F	±2.0 °C ±3.6 °F
	-20...100 °C -4...212 °F	±1.0 °C ±1.8 °F
	100...300 °C 212...572 °F	±1 % of reading
Response time		0.5...2 s
Operating conditions		0...60 °C (32...140 °F) 10...90 %RH
Storage conditions		-30...70 °C (-22...158 °F) <80 %RH
IP rating		IP65
Display		LCD, one row, backlit
Out of measurement range		Display shows "- - -"
Battery		2 x micro-cells (Type AAA, LR03)
Battery life		100 h (typically)
Diameter of probe tube		3 mm
Materials		ABS, stainless steel
Weight (with batteries)		188 g
Included		• Battery • Short instruction manual • Function and calibration certificate

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