BlueTherm® Probe
with *Bluetooth*® wireless technology

- securely transmits data up to 20 metres

- eliminates wires, cables & connectors

This BlueTherm Probe transmits temperature data to your Android, Windows CE mobile, iOS (*179-200 and 179-206 models only*) or *Bluetooth*® wireless device via a secure connection. The probe is specifically designed to eliminate the need for wires and connectors which often cause many traditional probes to break or fail.

The BlueTherm Probe measures and transmits temperature over the range of -49.9 to 249.9 °C with a 0.1°C resolution. The unit will securely transmit temperature data up to a maximum of 20 metres (*line of sight*).

Each BlueTherm Probe incorporates a red and blue LED. The flashing blue LED indicates *Bluetooth*® comms transfer, the red LED indicates on/off and power status.

Each probe is supplied with basic 'App' software. A variety of BlueTherm probes are available, see below or contact our sales office for information on alternative styles. A SDK can also be provided on request.

specification	BlueTherm Probe
range	-49.9 to 249.9 °C
resolution	0.1/1 °C/°F
accuracy	±0.4 °C ±0.1 % of reading
battery	1 x AAA NiMH Rechargeable
battery life	36 hours (Android), 12 hours (iOS)
sensor type	K thermocouple
dimensions	Ø40 x 260 mm
weight	90 grams

		order code	
fast response probe *Ø3.3 x 130 mm*	This stainless steel, fast response, needle penetration probe incorporates a heavy duty ribbed, polypropylene handle. The probe is suitable for liquids and semi-solid materials including fish, fruit and other soft or delicate materials. Response time less than one second. Probe temperature range -49.9 to 249.9 °C.	179-100 (*android*) 179-200 (*iOS*)	
penetration probe *Ø3.3 x 130 mm*	This stainless steel penetration probe is versatile and strong and incorporates a heavy duty, ribbed, polypropylene handle with a white end cap. Ideal for many temperature measurement applications including liquids, semi-solids and granular materials. Response time less than three seconds. Probe temperature range -49.9 to 249.9 °C.	179-102 (*android*)	
air or gas probe *Ø4.5 x 130 mm*	This stainless steel, fast response air or gas probe incorporates a heavy duty ribbed, polypropylene handle. The probe is ideal for measuring air temperatures in refrigeration units, storage areas and similar applications. Response time less than 0.5 of a second. Probe temperature range -49.9 to 249.9 °C.	179-104 (*android*)	
ribbon surface probe *Ø8 x 130 mm*	This ribbon surface probe incorporates a heavy duty ribbed, polypropylene handle. The probe is ideal for measuring the temperatures of small and large stationary metallic surfaces. Response time less than 0.5 of a second. Probe temperature range 0 to 249.9 °C.	179-106 (*android*) 179-206 (*iOS*)	

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