BLUE2 type K Bluetooth thermometer

AT-20100-K

The Cooper Atkins 20100-K Blue2 Instrument and 50207-K Needle Probe form a matched pair. The Blue2 instrument transmits temperatures wirelessly to your mobile device via Bluetooth Low Energy. It can utilize any interchangeable Type-K thermocouple temperature probe, making it versatile for insertion, air or surface temperature measurement. The data can be integrated into existing third party applications.

PARTS

AT- 20100-K Blue2 Instrument
AT- 50207-K Needle Probe

Specifications

20100-K Blue2 Instrument

- Temperature Range: -40º to 999ºF (-40º to 537ºC)
- Ambient Operating Range: 32º to 122ºF (0º to 50ºC)
- Resolution: 0.1º
- Accuracy: ±0.5ºF with ambient temperatures between 68º to 86ºF, add ±0.1ºF per degree outside of this ambient range
- RF Range: 100 ft, line-of-site
- Auto-off: Adjustable from 1-30 minutes in 1 min increments
- Sleep Mode: Adjustable from 1-30 minutes in 1 min increments
- Power: Replaceable 3V Lithium cell battery (CR123A) (Included)
- Battery Life: 750 hours
- ABS plastic housing with antimicrobial additive
- IPX7 waterproof rated
- Bluetooth Low Energy
- FCC compliant, CE certified, WEEE marked, RoHS compliant, NSF listed, Traceable to NIST standards
- 5-year warranty

RoHS

Note: EMC Compliance: The Blue2 instrument may record temperature measurements beyond the stated accuracy when exposed to radio frequency disturbances between 250 MHz and 1000 MHz with a field strength in excess of 3.0V/m. This deviation is temporary and the Blue2 will recover when the disturbance is removed.

50207-K Needle Probe

- Temperature Range: -100º to 500ºF (-73º to 260ºC)
- Accuracy: ±1ºF
- Response Time: 1 second in liquid
- Probe Length: 4" (102 mm)

Packaging

- Individual Package Weight: 6 oz (170 g)
- Package Dimensions: 9" x 4.375" x 2.125" (229 mm x 111 mm x 54 mm)

**Smartphone application pictured for demonstration purposes only*

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