

## Accuracy to the highest degree

**BLUE2 Bluetooth thermometer**

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 application

### PARTS

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



### 20100-K Blue2 Instrument

- Temperature Range: -40°C to 537°C
- Ambient Operating Range: 0 to 50°C
- Resolution: 0.1°C
- Accuracy:  $\pm 0.3^{\circ}\text{C}$ , at ambient temp between 20°C to 30°C
- RF Range: 100 ft, line-of-site
- Auto-off: Adjustable from 1-30 minutes in 1 min increments
- Sleep Mode: Adjustable from 1-30 min in 1 min increments
- Power: Replaceable 3V Lithium cell (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

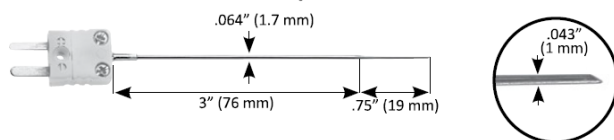


*Note: EMC Compliance: The Blue2 instrument may record temperature measurements beyond the stated accuracy when exposed to radio frequency disturbances between 250 MHz and 1000 MHz with a field strength in excess of 3.0V/m. This deviation is temporary and the Blue2 will recover when the disturbance is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

### 50207-K MicroNeedle chisel tip Probe

- Temperature Range: -73°C to 260°C
- Accuracy:  $\pm 1^{\circ}\text{C}$
- Response Time: 1 second in liquid
- Probe Length: 95 mm

### MicroNeedle - Chisel Tip - Direct Connect



### Packaging

Individual Package Weight: 170 g  
Package Dimensions: 229 mm x 111 mm x 54 mm



*\*Smartphone application pictured for demonstration purposes only*