

The 92010-K Kit is made up of the 20100-K Blue2 Instrument and 51337-K DuraNeedle Direct Connect Probe. 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.

### Kit Includes:

- 20100-K Blue2 Instrument
- 51337-K DuraNeedle Direct Connect Probe



### Specifications

#### 20100-K Blue2 Instrument

- Temperature Range: -40° to 999°F (-40° to 537°C)
- Ambient Operating Range: 32° to 122°F (0° to 50°C)
- Resolution: 0.1°
- Accuracy: ±0.5°F (±0.3°C), at ambient temp between 68°F to 86°F (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 minutes in 1 min increments
- Power: Replaceable 3V Lithium cell battery (CR123A) (Included)
- Battery Life: 500 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 and RCM.
- 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.*

#### 51337-K DuraNeedle Probe

- Temperature Range: -100° to 500°F (-73° to 260°C)
- Accuracy: ±1°F (±0.5°C)
- Response Time: 1 second in liquid
- Probe Length: 4" (102 mm)
- 1-year warranty

### 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