

The 92010-K Kit is made up of the 20100-K Blue2 Instrument and 51337-K DuraNeedle Direct Connect Probe with screw-in flanged connector. 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. It works in conjunction with the HACCP Manager Mobile App. Data that is collected from the Blue2 instrument is stored in the app, and then transferred to the HACCP Manager Enterprise software. The data can also be integrated into existing third party applications.

### Kit Includes:

- 20100-K Blue2 Instrument
- 51337-K DuraNeedle Direct Connect Probe with screw-in flanged connection



### 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:  $\pm 0.5^\circ\text{F}$  ( $\pm 0.3^\circ\text{C}$ ), 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 with Flanged Connector

- Temperature Range: -100° to 500°F (-73° to 260°C)
- Accuracy:  $\pm 1^\circ\text{F}$  ( $\pm 0.5^\circ\text{C}$ )
- 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)

