

# Cooper-Atkins™ Multi-Function Thermometer Kit 92020

The 92020 Kit is made up of the MFT 20200 instrument and the 51337-K DuraNeedle Direct Connect Flanged Probe with screw-in flanged connector. The MFT instrument transmits temperatures wirelessly to your mobile device via Bluetooth Low Energy. It can utilize any Cooper-Atkins' type-K thermocouple temperature probe, making it versatile for insertion, air or surface temperature measurement.

## Kit includes:

- 20200 MFT instrument
- 51337-K DuraNeedle Direct Connect Probe with screw-in flanged connection



20200 Specifications
<b>Temperature Range:</b> -100° to 1000°F (-73° to 538°C)
<b>Accuracy:</b> +/- 0.5°F (+/- 0.3°C) at ambient between 68° to 86°F (20° to 30°C). Add +/- 0.1° to accuracy spec per 1° change to ambient temperature outside of 68° to 86°F
<b>Ambient Operating Range:</b> -4° to 122°F (-20° to 50°C). 10% to 90% RH, non-condensing
<b>Resolution:</b> 0.1°F/0.1°C
<b>Radio Protocol:</b> Bluetooth Low Energy 2.4 GHz
<b>RF Range:</b> 100 ft open-field range
<b>Power:</b> (1) AA Alkaline battery
<b>Battery Life:</b> 500 hours
5-year Warranty
IPX7 waterproof rated

## 51337-K DuraNeedle Probe with Flanged Connector

- 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



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



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