

THERMOMETERS

FOOD SERVICE INFRARED THERMOMETERS

- Contact and non-contact food service thermometer
- Optical Resolution: 12:1 (Distance: Spot size)
- Infrared thermometer features laser sighting
- Accepts any Type K thermocouple probe with mini-connector
- Choice of five different colour faceplates - choose a different colour faceplate for each department or food category
- Large backlit LCD readout
- Max, Min, Diff and Avg. displays
- Programmable Hi/Lo alarms
- Lock feature for continuous monitoring
- Includes holster/case



SPECIFICATIONS:

Range:	-76° to 932°F (-60° to 500°C)
Resolution:	±0.1°F (±0.1°C)
Accuracy:	±2% rdg. or ±2°C, whichever is greater
Response Time:	1 second
Spectral Response:	8 to 14 µm
Emissivity:	Preset at 0.97
Optical Resolution:	12:1 (Distance: Spot size)
Type K Thermocouple Probe Range:	-83° to 1999°F (-64° to 1400°C)
Accuracy:	±1% rdg. or ±1°C, whichever is greater
General	
Power Supply:	2 x AAA alkaline batteries
Dimensions:	175 x 39 x 72 mm (6.9 x 1.5 x 2.8")
Weight:	179 g

BIOS
Professional

Model No.	Mfg. No.	Description	Price/Each
IA432	PS200	Food Service Infrared Thermometer	

TYPE K THERMOCOUPLE PROBES

MODEL IB878

SURFACE THERMOCOUPLE PROBES

For general-purpose temperature applications. Measuring Range: -58 to 932°F (-50 to 500°C).



MODEL IB879

RIGHT-ANGLE SURFACE PROBE

Unique right-angle surface probe design allows for temperature measurement of hard-to-reach areas. Measuring Range: -58 to 932°F (-50 to 500°C).



MODEL IB880 AIR/GAS

THERMOCOUPLE PROBE

Specially-designed to measure air or gases in heating and cooling units, ovens and engine exhausts. Perforated stainless steel shield permits fast response and element protection. Measuring Range: -58 to 1652°F (-50 to 800°C).



MODEL IB881

IMMERSION THERMOCOUPLE PROBE

Recommended for checking the temperature of water, oils and non-corrosive fluids and gels. For immersion and general-purpose applications. Measuring Range: -58 to 1112°F (-50 to 600°C).



MODEL HN213

NEEDLE TIP PROBES

Medium gauge hypodermic needle tip, used to measure softer food stuffs, rubbers and solids. Ideal for use in industrial, laboratory and chemical environments. Maximum Temperature: 800°C.



REED

Model No.	Mfg. No.	Description	Price/Each
IB878	R2920	Surface Thermocouple Probes	
IB879	R2930	Right-Angle Surface Probe	
IB880	R2940	Air/Gas Thermocouple Probe	
IB881	R2950	Immersion Thermocouple Probe	
HN213	R2960	Needle Tip Thermocouple Probe	

DIGITAL THERMOMETERS

- Temperature Range: -58 to 2000°F (-50 to 1300°C)
- User selectable °C or °F
- User selectable 0.1°F or 1°F (0.1°C or 1°C) resolution
- Accuracy to 0.5%
- Display maximum reading plus data hold
- Large LCD display with backlight
- Accept K-type thermocouples
- Includes: 9 V battery and holster



HX381

REED

Model No.	Mfg. No.	Description	Price/Each
HX381	R2400	Single Input Thermocouple Thermometer	

THERMOCOUPLE THERMOMETER KIT

- Type K thermocouple thermometer
- User selectable °C, °F or Kelvin
- Max and Data Hold functions
- Tripod mount for long-term monitoring
- Type: Contact
- Display Type: Digital
- Temperature Range: -58-2000°F (-50-1300°C)
- Accuracy: -58°F to 32°F: ±4°F, 32°F to 2000°F: ±(0.5% rdg+2°F), -50°C - 0°C: ±2°C, 0°C to 1000°C: ±(0.5% rdg+1°C), 1000°C to 1300°C: ±(0.8% rdg+1°C), 223K to 273K: ±5K, 273K to 2000K: ±(1.0% rdg+2K)
- Resolution: 0.1 or 1°F/°C, 1K
- Type: Single Input, Thermocouple Type K
- Includes: **HX381** thermocouple thermometer, **IB878** surface probe, **IB880** air/gas probe, **IB881** immersion probe, **HK953** beaded wire probe and **IB872** deluxe hard carrying case



REED

Model No.	Mfg. No.	Description	Price/Each
IB877	R2400-KIT	Deluxe Thermometer Kit	

THERMOCOUPLE THERMOMETER

- Displays up to 4 separate measurements simultaneously
- Accepts Type K, J, R, S, E, T thermocouple and RTD probes
- Temperature differential (T1-T2), Max/Min and Data hold functions
- Real-time data logger with integral SD memory card
- User selectable sampling rate from 1 to 3600 seconds
- Large, easy-to-read backlit LCD display
- Type: 4-Channel, Thermocouple, 2-Channel RTD
- Selectable Sampling Rate: Yes
(1, 2, 5, 10, 30, 60, 120, 300, 600, 1800, 3600s)
- Power Supply: 6 x AA batteries or AC Adapter (optional)
- Operating Temperature: 32 to 104°F (0 to 40°C)



REED

Model No.	Mfg. No.	Description	Price/Each
IC498	R2450SD	Thermocouple Meter	
IC499	R2450SD-RTD	RTD Probe	
IC494	RSD-ADP-NA	Power Adapter	
IC495	RSD-16GB	16GB Memory Card	
IB835	SD-4G	4GB Memory Card	

RTD THERMOMETERS

- Platinum resistor temperature sensor requires less temperature compensation than thermocouple units
- Selectable sensor types: Pt-100, Pt-500, Pt-1000 (4 wires)
- 4-digit LCD readout with LED backlight
- Min/Max/Avg functions
- Relative mode and data hold
- Low battery indication with auto power off
- Includes piercing type temperature probe
- Accredited calibration available

Temperature Range:	-148 to 572°F (-100 to 300°C)
Resolution:	0.1°F (0.1°C)
Accuracy:	±0.1% reading + 0.8°F (+0.4)
Temp. Coefficient:	<18°C & >28°C: 0.01% reading + 0.03°C
Power Supply:	3 x 1.5 V AAA alkaline batteries
Battery Life:	Approx. 100 hours
Dimensions:	150 x 66 x 31 mm
Weight:	175 g



REED

Model No.	Mfg. No.	Description	Price/Each
IA421	C-370	RTD Thermometer	
IA663	TP-R01	Pt-100 Temperature Probe	
HN416	CA-05A	Soft Carrying Case	