

INFRARED 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



IA432



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

INFRARED THERMOMETERS

- Precise non-contact temperature measurements
- Temperature Range: -58° to 1832°F (-50° to 1000°C)
- Fahrenheit/Celsius selectable
- Digitally adjustable emissivity from 0.10 to 1.0
- High and low alarm setpoints
- Max, Min and Dif. Avg. temperature displays
- Built-in laser pointer
- Large LCD with backlight and display hold
- Includes: battery and carrying case
- 50:1 distance to spot size ratio
- Accredited calibration available



IA084

REED

Model No.	Mfg. No.	Description	Price/Each
IA084	ST-8839	Infrared Thermometer	

INFRARED THERMOMETERS

- Pocket-sized and easy-to-use - just point, shoot and read
- Unique flat surface and modern housing design
- User selectable °F or °C
- Built in laser pointer identifies target area
- Backlighting illuminates display for taking measurements at night or in areas with low background light levels
- Overage indicator, auto data hold (when trigger released) and auto shut off
- Fixed 0.95 emissivity covers 90% of surface applications
- 8:1 Distance to Spot size ratio
- Includes: battery and carrying case
- Temperature range: -58° to 932°F (-50° to 500°C)
- Accredited calibration available



IB537

REED

Model No.	Mfg. No.	Description	Price/Each
IB537	R2002	Infrared Thermometer	

INFRARED THERMOMETERS

- Fast and safe way to measure surface temperatures, without contact
- Easy to use - just point, shoot and read
- Temperature Range: 0° to 750°F or -18° to 400°C
- Fahrenheit/Celsius selectable
- Fixed emissivity of 0.95
- 8:1 Distance to Spot Size ratio
- Large LCD with backlight and display hold
- Model HN235 features laser sighting
- Carrying case extra



HN235



Model No.	Mfg. No.	Description	Price/Each
HN235	RAYMT4U	Infrared Thermometer w/ Laser Sighting	
HX034	RAYMTAPK	Soft Pouch w/ Wrist Strap	

INFRARED THERMOMETERS

- Measures surface temperatures of hot, hazardous or hard-to-reach objects without contact
- User selectable °F or °C
- Built-in laser pointer
- Pre-set emissivity of 0.95
- 8:1 Distance to Spot size ratio
- Large LCD with backlight and display hold
- Compact, measures just 3.7" x 2.1" x 1" (94 x 56 x 28mm)
- Temperature Range: -58 to 536°F (-50 to 280°C)
- Accredited calibration available



IA853

REED

Model No.	Mfg. No.	Description	Price/Each
IA853	R2001	Infrared Thermometer	

INFRARED THERMOMETERS

- Two-in-one thermometer combines infrared and K-thermocouple probe temperature measurement
- Infrared thermometer with integral type K thermocouple input
- IR Temperature Range: -58 to 1922°F (-50 to 1050°C)
- T/C Temperature Range: -58 to 2498°F (-50 to 1370°C)
- Built-in laser pointer identifies target area
- Digitally adjustable emissivity from 0.10 to 1.0
- 30:1 distance to spot size ratio
- Automatic emissivity capture
- High and low alarms
- Max, Min, Avg, Diff record
- 20 data points of memory
- Display backlighting
- Auto data hold and auto shut off
- Trigger lock
- Includes: type K thermocouple probe, battery, and carrying case
- Accredited calibration available



IA496

REED

Model No.	Mfg. No.	Description	Price/Each
IA496	R2005	Infrared Thermometer w/ Type K T/C	

INFRARED THERMOMETERS

THERMAL IMAGERS 19 200 PIXELS

- 3.5" colour TFT LCD capacitive touch screen
- High thermal sensitivity (NETD) of <math>< 80\text{mK}</math>
- Built-in laser and white LED flashlight
- Built-in visible light digital camera
- 20X continuous zoom
- Includes thermal imager, 7.5 mm lens, lens cap, micro SD memory card, video output cable, headset, USB cable, hood, tripod stand, shoulder strap, battery, charger, DC power supply, user manual, software CD and hard carrying case
- Accredited calibration available

SPECIFICATIONS:

IR Resolution:	160 x 120 pixels
Field of View:	29.8 x 22.6°
Detector Type:	Uncooled microbolometer
Thermal Sensitivity (NETD):	<math>< 0.08^\circ\text{C}</math> (80mK)
Image Capture Frequency:	50Hz
Focus:	Manual
Temperature Range:	-4 to 752°F (-20 to 400°C)
Accuracy:	$\pm 3.6^\circ\text{F}$ ($\pm 2^\circ\text{C}$) or $\pm 2\%$ of reading
Storage Medium:	4GB micro SD card
Interface:	USB-mini, audio, composite video (PAL and NTSC), Micro SD slot
Drop Test:	2m
Encapsulation:	IP65
Power Supply:	7.4 V lithium polymer battery
Battery Life:	4 hours
Dimensions:	9.56" x 4.06" x 0.525" (243 x 103 x 160 mm)
Weight:	920 g (32.45 oz)



IA978



Model No.	Mfg. No.	Description	Price/Each
IA978	R2100	Thermal Imager	
IA983	RL-11	11 mm Replacement Lens	
IA984	RL-22	22 mm Replacement Lens	
IA985	RL-33	33 mm Replacement Lens	
IA996	R2100-7.4V	Spare Battery	

REED R2050 THERMAL IMAGING CAMERA

- 2.8" colour 240 x 320 pixel LCD display
- High thermal sensitivity (NETD) of <math>< 0.1^\circ\text{C}</math> @ +30°C (+86°F) / 100mK
- Built-in laser and white LED flashlight
- Built-in visible light 5 Megapixel digital camera
- 32X continuous digital zoom
- Infrared and visual images, picture-in-picture, as well as visual image with infrared overlay
- Automatic hot/cold spot indicator
- Automatic level/span function
- Video recording with voice annotations
- Set-up Commands: Local adaptation of units, language, date and time formats, information of camera



SPECIFICATIONS:

IR Resolution:	80 x 80 (6400 pixels)
Thermal Sensitivity/NETD:	<math>< 0.1^\circ\text{C}</math> @ +30°C (+86°F) / 100 mK
Focus Distance:	17"x 17" / 0.5 m
Image Frequency:	50 Hz
Temperature Range:	-20°C to +150°C (-4°F to +302°F); 0°C to +350°C (+32°F to +662°F)
Humidity (Operating & Storage):	10% to 90%
Storage Media:	8GB Micro SD Card



Model No.	Mfg. No.	Description	Price/Each
IB745	R2050	Thermal Imaging Camera	
IB746	R2050-3.7V	Replacement Battery	

INFRARED VIDEO THERMOMETER

- Dual lasers identify exact measuring spot where they converge
- Optical Resolution: 50:1 (Distance: Spot size)
- Fast 150ms response time
- 2.2" TFT colour LCD and built-in 640 x 480 pixels camera
- Supports image (JPEG) and video (AVI) capture alerts
- Transmit images and videos via USB interface
- 72MB internal memory with MicroSD memory card extension
- Datalogging capabilities with date and time
- Includes type K thermocouple probe, AC adapter, USB adapter, mini-tripod, and hard carrying case

SPECIFICATIONS:

IR Temp. Range:	-58 to 3992°F (-50 to 2200°C)
Spectral Response:	8 to 14 μm
Type K Temp. Range:	-58 to 2498°F (-50 to 1370°C)
Air Temp. Range:	32 to 122°F (0 to 50°C)
Dew Point & Wet Bulb Temp. Range:	32 to 122°F (0 to 50°C)
Humidity Range:	0 to 100% RH



IA977



Model No.	Mfg. No.	Description	Price/Each
IA977	R2020	Infrared Video Thermometer/Datalogger	
OM464	SD-MINI (8GB)	8GB Micro SD Memory Card	

INFRARED TEMPERATURE GUNS

- Detect surface hot-spots and help locate electrical problems with this Milwaukee 12:1 Infrared Temp-Gun
- Boasts a high temperature range for electrical, mechanical, and MRO applications
- Max/Min/Avg/Dif modes
- High/low alert
- Raised over-molding protects lens and screen from direct impact
- Simplified buttons and setup for faster scanning
- Temperature Range: -22-1022°F (-30-550°C)



IB744



Model No.	Mfg. No.	Description	Price/Each
IB744	2268-20	Infrared Temperature Gun	