



New Artisan™ Portable Infrared Thermometers

The TIR1000 portable infrared thermometer offers convenience and accuracy in a small, easy-to-use instrument. The built-in laser sighting helps to increase the accuracy of your target alignment. The 6:1 (TIR1000.002) or 10:1 (TIR1000.003) distance to spot ratios are better than most competitive instruments. The backlit display makes this instrument easy to read in dark areas.

This simple to use instrument has been calibrated with a fixed emissivity for fast operation. Select from 3 different settings on the TIR1000.003 for best accuracy. Turn the unit on, select the laser and/or display backlight, point and read. ABS housing. Optional case protects meter. One year warranty.

**Non-Contact
Temperature
Readings!**



The TIR1000 provides portable, non-contact temperature measurements.



SPECIAL FEATURES

- Non-contact Temperature measurement
- Built-in laser sighting
- Up to 10:1 Distance to Spot Ratio
- Backlit Display
- Pre-set emissivity

APPLICATIONS

- Food preparation
- Food Testing & Measurement
- Automotive
- Chemical & Petroleum
- Plant Maintenance
- Electronics
- Heating & Air Conditioning
- Plastics
- Textiles
- Road Construction

SPECIFICATIONS

	TIR1000.002	TIR1000.003
Measurement Range:	-20 to 260°C (-4 to 500°F)	-40 to 500°C (-40 to 932°F)
Resolution:	1°C (1°F)	0.1°C (-40 to 110°C) 1°C (above 110°C)
Accuracy:	±3% or 3°C	±2% or 2°C
Emissivity:	Fixed at 0.95	3 point selectable (0.85/0.90/0.95)
Distance to Spot:	6:1	10:1
Repeatability:		±1°C (±2°F)
Sensor:		Thermopile
Spectral Response:		6 to 14 µm
Response Time:		500 ms
Laser Sighting:		1 pt Class II laser (675 nm)
Operating Temperature:		0 to 50°C (Humidity <80%)
Storage Temperature		-20 to 50°C (Humidity <90%)
Auto Shutoff:		after 4 seconds of non-operation
Power:		9 V battery
Dimensions (W x D x H):		44 x 40 x 170 mm (1.7 x 1.6 x 6.7")
Weight:		140g (5 oz)
Shipping Weight:		0.45 kg (1 lb)

TIR1000 Ordering Information

Part No.	Description
TIR1000.002	IR Thermometer (6:1 D:S)
TIR1000.003	IR Thermometer (10:1 D:S)
TIR1000.900	Optional Carrying Pouch

For more information contact:

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Specifications subject to change.

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