



New Artisan™ Portable Infrared Thermometer

New Artisan™ TIR1100 portable infrared thermometer offers convenience and accuracy in a small easy-to-use non-contact instrument for hard to measure materials. When making repeated measurements of similar materials, (e.g. plastic, aluminum, etc), adjust the emissivity setting of your meter for best accuracy. The built-in laser sighting helps to increase the accuracy of your target alignment. The 6:1 distance to spot size ratio is better than most competitive instruments.

Once set, turn the meter on, select the laser and/or display backlight, point and read. Backlit display is easy to read in dark areas. Max/Min/DeltaT/AveT. High / Low audio alarm. ABS housing. Class II laser complies with FDA 21CFR sub J. One year warranty.

with adjustable emissivity!



Artisan™ TIR1100 Portable Thermometer provides accurate, reliable NON-CONTACT temperature measurements for a wide range of materials.

SPECIAL FEATURES

- Non-contact temp measurement
- Adjustable emissivity for accurate, reliable measurements
- Built-in laser sighting
- Store last 9 values for review
- Max/Min/DeltaT/Average T

SPECIFICATIONS

Measurement Range:	-20 to 315°C (-4 to 600°F)
Resolution:	1 degree
Accuracy:	±2°C (-20 to 100°C) ±2% of rdg (101 to 315°C)
Repeatability:	±1°C (2°F)
Emissivity:	adjustable 0.3 to 1.0
Distance to Spot (D:S):	6:1
Sensor:	Thermopile
Spectral Response:	6 to 14 µm
Response time:	0.5 seconds
Laser Sighting:	1 point; Class II laser (675 nm) (<1 mW of power)
Operating Temp.:	0 to 40°C (32 to 104°F)
Operating Humidity:	10 to 90% RH, non-condensing
Storage Temp.:	-20 to 60°C (-4 to 140°F)
Auto shutoff:	after 4 seconds of non-operation
Power:	9 Volt battery (100 hrs life typ.)
Dimensions: (L x W x D)	156 x 53 x 35 mm (meter only) (6.1 x 2.1 x 1.4 in.)
Weight (meter):	180 g (6.4 oz)
Shipping Wt:	0.45 kg (1 lb)

APPLICATIONS

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

TIR1100 ORDERING INFORMATION

TIR1100.001 Portable Infrared Thermometer with soft vinyl case, wrist strap and battery.

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For more information contact:

sales@iKooling.com
www.iKooling.com