

# INFRARED THERMOMETERS

Laser Infrared (IR) thermometers offer precise, non-contact measurements in a light weight, hand held or pocket instrument. With one hand operation, they are ideal for a wide variety of applications.

## PIT6L

### Dual Hand Held IR Thermometer (Infrared & Ambient)

Non-contact plus ambient measurements in the palm of your hand

#### Features / Benefits

- 6:1 Optical Ratio
- Single dot laser targeting
- Ambient temperature (Tamb) measurement
- °F/°C selectable
- Data Hold
- Back light
- Low battery indication
- Data hold
- Backlit LCD
- Auto power-off
- One year warranty

#### Specifications

Temperature Range:	-4°F to 518°F (-20°C to 270°C)
Accuracy:	± 9°F for -4°F to 32°F (± 5°C for -20°C to 0°C) ± 1.5% of Reading ± 6°F for 32°F to 518°F: (± 1.5% of Reading ± 3.0°C for 0°C to 270°C)
Tamb Range:	32°F to 122°F (0°C to 50°C)
Resolution:	1°F (1°C)
Optical Ratio:	6:1
Emissivity:	0.95
Over range indication:	"OL" or "-OL"
Auto power off:	after 20 sec.
Battery:	3 X AAA (included)
Dimensions:	3.9" X 2.3" X 0.9" (98mm X 58mm X 22 mm)
Weight:	2.5 oz (72g)



## PIT1

### Pocket Infrared Thermometer

#### Features / Benefits

- 1:1 Optical Ratio
- Min/Max measurements
- Pocket Size
- Auto power-off
- One year warranty

#### Specifications

Temperature Range	-27°F to 428°F (-33°C to 220°C)
Accuracy	± 2% of Reading or ± 4°F (2°C)
Best Resolution	0.1°F (0.1°C)
Optical Ratio	1:1
Emissivity	0.95 adjustable
Battery	CR2032 (included)
Dimensions	.7" X 1.5" X 2.7" (18mm X 37mm X 68 mm)
Weight	2.5 oz (72g)



## LIT6P

### Dual Laser IR Thermometer (Infrared & probe)

Non-contact plus probe temperature measurements

#### Features / Benefits

- 2 measurement modes:
- Infrared & Probe Sensor
- 6:1 Optical Ratio
- Single dot laser targeting
- °F/°C selectable
- Data Hold
- Low battery indication
- Carrying Case included
- One year warranty

#### Specifications

Infrared	
Temperature Range:	-4°F to 518°F (-20°C to 270°C)
Resolution:	0.1°F (0.1°C)
Accuracy:	± 9°F for -4°F to 32°F (± 5°C for -20°C to 0°C) ± 1.5% of Reading for 32°F to 518°F (0°C to 270°C)
Optical Ratio:	6:1
Emissivity:	0.97
Probe Sensor	
Temperature Range:	-58°F to 518°F (-50°C to 270°C)
Best Resolution:	0.2°F (1°C)
Accuracy:	1.5% of Reading for -58°F to -4°F (-50°C to -20°C) 1% of Reading for -4°F to 392°F (-20°C to 200°C) 2% of Reading for 392°F to 518°F (200°C to 270°C)
Over range indication:	"OL" or "-OL"
Auto power off:	After 30 seconds
Battery:	3 X AAA (included)
Dimensions:	7.1" x 1.9" x 1.7" (182mm x 49mm x 43mm)
Weight:	4.2 oz (120g)



## LIT11TC

### Dual Laser Infrared Thermometer (Infrared & Thermocouple Probe)

#### Features / Benefits

- 12:1 Optical Ratio
- Laser pointer
- High & Low temperature range
- Backlit LCD
- K-type thermocouple measurements (probe included)
- Auto power off
- Carrying case included
- One year warranty

#### Specifications

Infrared	
Temperature Range:	-76°F to 932°F (-60°C to 500°C)
Resolution:	0.1°F (0.1°C)
Accuracy:	± 9°F (± 1°C)
Optical Ratio:	12:1
Emissivity:	0.95 adjustable
Probe Sensor	
Temperature Range:	-83°F to 1999°F (-64°C to 1400°C)
Best Resolution:	0.1°F (0.1°C)
Accuracy:	1% of Reading or 2°F (4°C)
Over range indication:	"OL" or "-OL"
Auto power off:	After 30 seconds
Battery:	2 X AAA (included)
Dimensions:	6.9" x 1.5" x 2.8" (175mm x 39mm x 71mm)
Weight:	6.3 oz (179g)



#### SEALED UNIT PARTS CO., INC.

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