

Circular Laser Beam
quick and easy to determine targeted area

IR55c

Easy Target
Infrared Thermometer



General Purpose IR Thermometer

IR22k

IR Thermometer

with K Type Thermocouple



IP54 splash proof
contact & non-contact thermometry

Measurement range : -33 ~ 220°C (-27 ~ 428°F)
Distance to spot ratio : 2.5:1
Accuracy : * IRT : $\pm 2\%$ of reading or 2°C (4°F)
 * COT : $< -5^\circ\text{C}$: $\pm 1^\circ\text{C}$
 -5 ~ 65°C : $\pm 0.5^\circ\text{C}$
 >65°C : $\pm 1\%$ of reading
Resolution : -9.9 ~ 199.9°C : 0.1°C/0.1°F, otherwise 1°C/1°F
Emissivity : 0.10 ~ 1.00 (adjustable) with 0.01 step
Environmental protection : IP54 (splash proof)
Auto power off : 15 seconds
Power : CR2450
Size : 19.7 x 45.4 x 165mm
Weight : 97g
Note : the max. distance from target is 20mm to maintain the accuracy as specification for non-contact measurement.

IR36

Infrared Thermometer



Measurement range : -38 ~ 365°C (-36.4 ~ 689°F)
Distance to spot ratio: 12:1
Accuracy : $\pm 2.5\%$ of reading
 or 2.5°C (4.5°F) whichever is greater
Resolution : 0.2°C / 0.5°F
Emissivity : 0.95 fixed
Response time : 1 second
Operating temp. : 0 ~ 50°C (32 ~ 122°F)
Power : 2 x 1.5V (AAA battery)
Size : 155.51 x 40.00 x 113.03mm
Weight : 173g
Standard accessories : batteries, instruction manual, warranty card, certificate of product conformance

IR50i

Best Selling IR Thermometer (supports various K type thermocouple)



Measurement range : -60 ~ 500°C (-76 ~ 932°F)
Distance to spot ratio: 12:1
Accuracy : $\pm 1^\circ\text{C}$ for 15 ~ 35°C,
 $\pm 2\%$ of reading for -33 ~ 500°C
 or $\pm 2^\circ\text{C}$ ($\pm 4^\circ\text{F}$) whichever is greater
Resolution : -9.9 ~ 199.9°C : 0.1°C/0.1°F, otherwise 1°C/1°F
Emissivity : 0.10 ~ 1.00 (adjustable)
Response time : 1 second
Spectral response : 8 ~ 14 μm
Laser pointer : Single, class II, up to 1mW
Thermocouple : K type
 Range : -64 ~ 1400°C (-83.2 ~ 1999°F)
 Accuracy : $\pm 1\%$ of reading or $\pm 1^\circ\text{C}$ (1.8°F) whichever is greater
Power : 2 x 1.5V (AAA battery)
Size : 175.2 x 39.0 x 71.9mm
Weight : 179g
Standard accessories : batteries, instruction manual, warranty card, certificate of product conformance
Optional accessories : thermocouple probe, soft pouch, hard case, certificate of calibration

IR55c Easy Target Infrared Thermometer



- circular laser beam
- quick and easy to determine targeted area

Measurement range : -60 ~ 550°C (-76 ~ 1022°F)
 Distance to spot ratio: 12:1
 Accuracy : Tobj=15~35°C, Tamb=25°C : ±1.5°C (2.7°F)
 Tobj=0~550°C, Tamb=23±3°C : ±2% of reading or
 2°C (4°F) whichever is greater
 Tobj=-60~0°C, Tamb=23±3°C : ±(2°C+0.05/°C)
 Resolution : 0.1°C/0.1°F at -76 ~ 999.9 (°C/°F), otherwise 1°C/1°F
 Emissivity : 0.10 ~ 1.00 (adjustable)
 Response time : 1 second
 Spectral response : 8 ~ 14μm
 Laser pointer : Class IIIa
 Auto power off : 15 second
 Power : 2 x 1.5V (AAA battery)
 Size : 155.51 x 40.00 x 113.03mm
 Weight : 173g
 Standard accessories : batteries, instruction manual, warranty card, certificate of product conformance

IR60i Non-Contact IR Thermometer with Bright Laser Pointer



- easy recalibration
- adjustable emissivity
- bright laser pointer
- adjustable high/low alarm

Measurement range : -50 ~ 600°C (-58 ~ 1112°F)
 Up to maximum : 1m
 Distance to spot ratio: 12:1
 Accuracy : ±1°C for 10 ~ 100°C, ±2% of reading for other
 Resolution : 0.1°
 Emissivity : 0.10 ~ 1.00 (adjustable)
 Response time : 1 second
 Spectral response : 8 ~ 14μm
 Laser pointer : Single, class II, up to 1mW
 Power : 2 x 1.5V (AAA battery)
 Size : 195 x 44 x 95mm
 Weight : 200g
 Standard accessories : battery, instruction manual, warranty card, certificate of product conformance

IR80e Dual Beam Laser Premium Class IR Thermometer (supports various K type thermocouple)



- two laser dots on target indicates area of measurement & changes against distance
- contact & non-contact thermometry
- supports various K type thermocouple

Measurement range : -60 ~ 760°C (-76 ~ 1400°F)
 Up to maximum : 3m
 Distance to spot ratio: 30:1
 Accuracy : ±2% of reading
 or ±2° whichever is greater for 0 ~ 760°C
 ±(2+0.05/°C)°C for -60 ~ 0°C
 Resolution : 0.1° at -83.2 ~ 999.9 (°C/°F), otherwise 1°
 Emissivity : 0.10 ~ 1.00 (adjustable)
 Response time : 1 second
 Spectral response : 8 ~ 14μm
 Laser pointer : Dual, class II, up to 1mW
 Thermocouple : K type
 Range : -64 ~ 1400°C (-83.2 ~ 2552°F)
 Accuracy : ±1% of reading
 or ±1°C whichever is greater
 Power : 2 x 1.5V (AAA battery)
 Size : 119.2 x 47.5 x 171.8mm
 Weight : 255.7g (including batteries)
 Standard accessories : batteries, instruction manual, warranty card, certificate of product conformance
 Optional accessories : certificate of calibration

IR150

Dual Beam Laser Infrared Thermometer

(supports various K type thermocouple)



- two laser dots on target indicates area of measurement & changes against distance
- contact & non-contact thermometry
- supports various K type thermocouple

Measurement range	: -60 ~ 1500°C (-76 ~ 2732°F)
Up to maximum	: 5m
Distance to spot ratio	: 50:1
Accuracy	: $\pm 1^\circ\text{C}$ for 15 ~ 35°C, $\pm 2\%$ of reading or $\pm 2^\circ$ whichever is greater
Resolution	: 0.1°
Emissivity	: 0.10 ~ 1.00 (adjustable)
Response time	: 1 second
Spectral response	: 8 ~ 14 μm
Laser pointer	: Dual, class II, up to 1mW
Thermocouple	: K type Range : -64 ~ 1400°C (-83.2 ~ 2552°F) Accuracy : $\pm 1\%$ of reading / $\pm 1^\circ\text{C}$ whichever is greater
Power	: 2 x 1.5V (AAA battery)
Size	: 203 x 47 x 197mm
Weight	: 386.1g
Standard accessories	: batteries, hard case, instruction manual, warranty card, certificate of product conformance
Optional accessories	: thermocouple probe (penetration / air / surface), soft pouch, certificate of calibration

IR180ML

Medium Range Dual Beam Laser Infrared Thermometer with Memory

(supports various K type thermocouple)

Measurement range	: 100 ~ 1800°C (212 ~ 3272°F)
Up to maximum	: 7m
Distance to spot ratio	: 75:1
Accuracy	: $\pm 2\%$ of reading
Resolution	: 0.1° at -83.2 to 999.9 (°C/°F), otherwise 1°
Emissivity	: 0.10 ~ 1.00 (adjustable)
Response time	: 1 second
Spectral response	: 8 ~ 14 μm
Memory	: 24 data
Laser pointer	: Dual, class II, up to 1mW
Thermocouple	: K type Range : -64 ~ 1400°C (-83.2 ~ 2552°F) Accuracy : $\pm 1\%$ of reading or 1°C (1.8°F) whichever is greater

Power	: 2 x 1.5V (AAA battery)
Size	: 204.14 x 179.19 x 58.40mm
Weight	: 355g
Standard accessories	: batteries, hard case, instruction manual, warranty card, certificate of product conformance
Optional accessories	: thermocouple probe, bead-wire, magnet stand, certificate of calibration



- two laser dots on target indicates area of measurement & changes against distance
- contact & non-contact thermometry
- supports various K type thermocouple
- better distance ratio than IR150
- memory for recording