



Model IR-230A

Model IR-230B

Model IR-230C

The online Infrared Temperature sensor provides the advantages of infrared temperature measurement in a compact, designed to measure target temperature stability of production line.

Specifications

	230A	230B	230C
Output	10mV/°C	0 ~5V	4 ~20mA
Temperature range	0 to 230°C (32 to 446°F)	0 to 230°C (32 to 446°F)	0 to 230°C (32 to 446°F)
Distance to spots	4:1	4:1	4:1
Sampling time	500ms(95%)	500ms(95%)	500ms(95%)
Spectral	8~14μm	8~14μm	8~14μm
Accuracy	+/-1%	+/-1%	+/-1%
Emissivity	Fixed at 0.95	Fixed at 0.95	Fixed at 0.95

Size(HxWxD): 85mm x Φ12mm **Weight:** 50g

Accessories :

Cable and Gift box .

Features

User selectable °C or °F	*
Automatic Data Hold	*
Auto Power Off	*
Low battery indication	*
Set Min, Max, Lock	*

Specifications

Range	-35°C~900°C/ -31°F~1652°F
Response Time	Less than 500ms
Resolution	0.1°C/°F
Basic Accuracy	±1.5% or ±2°C/±4°F
Optical Resolution	50:1 Distance to Spot size
Emissivity	0.1 ~ 1.0 (adjustable)
Power	230 VAC (±10%), 0.1 A, switchable 50/60 Hz or 12 ~24 DCV

Size(HxWxD): 71mm x 71mm x 87mm

Weight: 268g

Accessories :

Stand, Cable and Gift box .



EMC
EN: 61326
EN: 60825-1

Model IR-91

IR-91 Panel InfraRed Thermometer



IR-82 InfraRed Thermometer Probe



Model IR-82

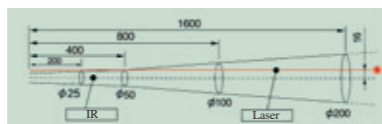
- 8:1 Distance to Spot size ratio
- Built-in laser pointer
- Built-in Analog output of 1 mV/°C or °F & °C/°F switchable
- Compatible with multimeters, clamp meters, oscilloscope and industrial applications etc
- Ideal for applications where object being measured cannot be touched
- Provides instant , highly repeatable readings & Low battery indication



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Distance (D) to Spot size(S)

D:S=8:1



(Unit: mm)

Specifications

Range	-35°C~550°C/ -31°F~1022°F
Response Time	Less than 500ms
Resolution	1mV/°C or °F
Basic Accuracy	±2% or ±2°C/±4°F
Optical Resolution	8:1
Emissivity	Fixed at 0.95
Battery	9V

Size(HxWxD): 166mm x 53mm x 40mm

Weight: 189g

Accessories :

9V battery, Clamshell

BX-350/500

Portable IR Calibrators

BX-350/BX-500 portable IR calibrators are used for calibrating long distance Infrared Thermometer, which are designed as handhold and small calibrators.

- Easily certify IR pyrometers to 500°C/932°F (BX-500)
- Large 2.25" (57 mm) blackbody target
- RTD (Resistance Thermometer detector) reference well for high precision

Specifications

	BX-350	BX-500
Temperature	50°C ~ 350°C	50°C ~ 500°C
Range	(122°F ~ 662°F)	(122°F ~ 932°F)
Accuracy	±0.5°C @ 100°C (±1.0°F @ 212°F) ±1.2°C @ 350°C (±2.4°F @ 662°F)	±0.5°C @ 100°C (±1.0°F @ 212°F) ±1.8°C @ 500°C (±3.6°F @ 932°F)
Stability	±0.1°C @ 100°C (±0.2°F @ 212°F) ±0.2°C @ 350°C (±0.4°F @ 662°F)	±0.1°C @ 100°C (±0.2°F @ 212°F) ±0.3°C @ 500°C (±0.6°F @ 932°F)
Target size	2.25" (57mm)	2.25" (57mm)
Target Emissivity	0.95	0.95
Resolution	0.1°C/°F	0.1°C/°F
Heating Time	30 minutes to max	40 minutes to max
Cooling Time	30 minutes max to 100°C	45 minutes max to 100°C
Power	230 VAC (±10%), 1.5 A; or 110V AC, 3A	

Whether you're using in-line or handheld infrared pyrometers, you need a high performance calibration standard to verify accuracy. Portable IR Calibrator provides a stable blackbody target for calibrating non-contact IR thermometers up to 500°C (BX-500).

The portable IR calibrator features a large temperature controlled blackbody target with a diameter of 2.25" (57 mm), which offers a wide field of view area for optical variations in IR thermometers. With an emissivity of 0.95, the isothermal target can be controlled in set-point increments of 0.1° from 50°C to 500°C (BX-500).

For even higher precision, a contact calibration well is located directly behind the blackbody surface. Using an optional digital RTD thermometer and calibrated secondary probe, accuracies of ±0.1°C can be achieved.

Size(HxWxD): 180mm x 114mm x 233mm

Weight: 2682g

Accessories: Carton box, AC power cable.

BX-150 Dry-Well Temperature Calibrator

The new heat source to check your thermometer's accuracy up to 300°C/572°F. Simply set the heat source to the desired test point, insert the test probe into the best fitting well, and get a verification of the performance. It's that easy!

Specifications

Range	33°C to 300°C (91.4°F to 572°F)
Resolution	0.1°C/°F
Accuracy	±0.5°C (33 to 199°C) & ± 1°C (200 to 300°C) ±0.9°F (91.4 to 390.2°F) & ± 1°F (392 to 572°F)
Stability	±0.5°C
Heating Time	ambient to 300°C (572°F) after 10 minutes
Cooling Time	300°C (572°F) to 100°C (212°F) after 10 minutes
Stabilization	5 minutes
Well Depth	4" (100mm)
Power	230/115 volts



Model BX-350



Model BX-150

Size(HxWxD): 180mm x 114mm x 233mm

Weight: 2200g

Accessories: Box, AC power cable.