



INFRARED THERMOMETERS

Infrared-LC™ Model *Adjustable Emissivity, Long Range*

The Infrared-LC™ is a cost effective infrared thermometer unit that incorporates selectable emissivity. This unit is a solid performer in a variety of applications.



Adjustable emissivity means that this unit can be used with a broader range of targets, including heat producing machinery, HVAC equipment, ovens, as well as the regular range of food product applications, especially deep frozen foods.

Like much more expensive models, the Infrared-LC™ has laser sighting. The targeting is a 10:1 ratio cone, giving very precise targeting with the single dot laser target indication.

As part of the purchase price of the unit, we issue a three-point calibration based on readings obtained from target surfaces with precisely controlled temperature and emissivity. This procedure is based on N.I.S.T. traceable sources, and can be important for compliance with many regulatory agencies, such as the Food and Drug Administration, ISO 9000, etc.



Certificates are also available as separate item.

Inquire about Global Sensors calibration maintenance programs. We calibrate what we sell.

Global Sensors, LLC
79 McAdenville Road
Belmont, NC 28012

866.402-8282 (toll free)
704.825.8282
704.825.0191 (FAX)
www.global-sensors.com

Specifications

Operating Range

-40° to +500°F (-40° to +260°C)

Normal Operating Range

-40° to +212°F (40° to +100°C)

Display Resolution:

0.1°F or 0.1°C

Accuracy within Normal Operating Range

As certified, generally $\pm 2^\circ\text{F}$ at target temperatures nominally set at 40°F, 70°F and 130°F

Emissivity

(Adjustable Ranges 0.95 - 0.90 - 0.85)

Distance Ratio

10:1

Repeatability

Within accuracy specs of the unit

Response time

less than one second

Ambient Range

+32° to 120°F (0° to 50°C)

Power

9V Alkaline battery, user replaceable

Dimensions

152 x 101 x 38 mm (6 x 4 x 1.5 in)

Weight

227 g (0.5 lb) 320 gm (11 oz)

Display Features

4 Second Display Hold
3 digit LCD Temperature Display
°C or °F selectable
LCD Backlight

Battery Saving Feature

Auto-off feature preserves battery life

Laser

Red Beam Single Spot (Class II)