





IR THERMOMETERS				
Model:	800101	800102	800103	800104
D:S	8:1	8:1	12:1	12:1
Max Temp	605°F	930°F	999°F	999°F
C&F Selectable	●	●	●	●
Backlight	●	●	●	●
Laser Guide	●	●	●	●
Adjustable Emissivity				●
Min-Max-Ave-Δ				●
Max Hold				●
Min Hold				●
Data Hold				●
Memory				●
Audible Hi-Lo Alarms				●

IR thermometers are used to safely measure the temperature in:

- Inaccessible, hot or hazardous objects in electrical, hazmat, HVAC, and other fields.
- Moving machinery in factories, automobiles and elsewhere.
- Electrical troubleshooting
- HVAC energy audits
- Avoiding contamination in the food, beverage and pharmaceutical industries.

See also multi parameter meters 800043, 850071.





8:1 IR THERMOMETERS

800101 & 800102

Simply hold the IR gun, press the trigger and aim the laser guide at the target. Results immediately appear in °C or °F on the backlit LCD and are automatically held for 6 seconds after the trigger is released. Both models have auto power off and an 8:1 distance to spot ratio (D:S). Rugged and ergonomically designed these IR guns come complete with batteries. Model 800101 measures up to 605°F (320°C) in 0.5° resolution while model 800102 measures up to 930°F (500°C) in 0.2° resolution.

Model	800101	800102
Range	-4 ~ 605°F -20 ~ 320°C	-4 ~ 930°F -20 ~ 500°C
Resolution	0.5°	0.2°
Accuracy	±2% of reading or ±2°C whichever is greater	±2°C(±3°F) from -20 ~ 100°C (-4 ~ 212°F), ±2% from 100 ~ 500°C (212 ~ 930°F)
Emissivity	0.95 fixed	
Weight	6oz (170g) including battery	
Dimensions	6 1/8" x 3/8" x 1 1/4" (156 x 87 x 32 mm)	





12:1 IR THERMOMETERS 800103 & 800104

Simply hold the IR gun, press the trigger and aim the laser guide at the target. Results immediately appear in °C or °F on the backlit LCD and are automatically held for 6 seconds after the trigger is released. Both models have auto power off, a 12:1 distance to spot ratio (D:S), and measure up to 999°F (535°C) in 0.1° resolution. Rugged and ergonomically designed, these IR guns come with a battery and soft holster with belt loop. Model 800104 also features min-max-ave-Δ as well as data, maximum and minimum hold, 10 memories, adjustable emissivity, and user adjustable hi-lo audible alarms.

Model	800103	800104
Emissivity	0.95 fixed	Adjustable 0.1 ~ 1.0
Range	-25 ~ 999°F -32 ~ 535°C	
Resolution	0.1°	
Accuracy	±3°C(±5°F) from -32 ~ -20°C (-25 ~ -4°F), ±2°C(±3°F) from -20 ~ 100°C (-4 ~ 212°F), ±2% from 100 ~ 535°C (212 ~ 999°F)	
Weight	8oz (224g) including battery	
Dimensions	6 ¾" x 4" x 1 ⅝" (170 x 105 x 45 mm)	

