

Thermometer

SIR10 / 50 / 100

Infrared Thermometer (Gun Type)

► SIR10

FEATURES

- Non-Contact Temperature Measurement
- Operation Lock Function
- Data Hold Function
- Gun Type Compact Design
- Operation Switch
- °C and °F selectable
- Laser Pointer
- Record Function
- Back Light

SPECIFICATION

Parameter	SIR10B	SIR50B	SIR100B
Temperature Range	0° to 950°F (-18° to 510°C)	-58 to 950°F (-50° to 510°C)	(-18° to 1000°C) 0 to 1832°F
Laser Sighting	Yes	Yes	Yes
Accuracy at +23°C ε = 0.95	30° to 950°F (-1° to 510°C) : ±2% or reading ±3.5°F (2°C) whichever is greater 0° to 30°F (-18° to -1°C) : ±5°F (3°C)	30° to 950°F (-1° to 510°C) : ±2% or reading ±3.5°F (2°C) whichever is greater -58 to 0°F (-50° to -18°C) : ±9°F (5°C)	30° to 950°F (-1° to 510°C) : ±2% or reading ±3.5°F (2°C) whichever is greater 950° to 1832°F (510° to 1000°C) : ± (2% + 3 digits)
Repeatability at +23°C ε = 0.95	±2% or ±3.5°F (2°C) whichever is greater		
Response Time	500msec		
Spectral Response	7 ~ 14μm		
Display Hold	Last reading and operating mode display for 7 sec. Nominal upon trigger release		
Emissivity	0.3 to 0.99 Adjustable		
Temperature Display	°F or °C selectable, 4 digits LCD		
Display Resolution	0.1°F (°C) or 1°F (°C)		
Ambient Operating Range	32° to 120°F (0° to 50°C)		
Relative Humidity	10% ~ 95% RH non-condensing		
Storage Temperature	-13° to 158°F (-25° to 70°C) without battery		
Distance to spot ratio	8 : 1		
Type K range	-40° to 2192°F (-40° to 1200°C)		
Type K Accuracy	±0.5% of reading ±3°F (2°C)		

