

Infrared Thermometer



SIR802 / SIR812 / SIR805 / SIR815

Product Features

Parameter	SIR802	SIR812	SIR805	SIR815
Temperature Range	0 to 500°F(-18°C to 260°C)		0 to 950°F(-18°C to 510°C)	
Laser Sighting	NO	YES	NO	YES
Accuracy at +23°C,=0.95	±2% or reading ±3.5°F(2°C) whichever is greater			
Repeatability at+23°C	±2% or reading ±3.5°F(2°C) whichever is greater			
Response Time	500mSec			
Spectral Response	7 ~ 14um			
Display Hold	Last reading and operating mode displayed for 4 sec. nominal upon trigger release			
Emissivity	0.95			
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			

Infrared Thermometer



SIR10

Product 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

Specifications

Parameter	
Temperature Range	0°to 950°F (-18°to 510°C)
Laser Sighting	Yes
Accuracy at +23°C,=0.95	30°to 950°F(-1°to 510°C):±2% or reading ±3.5°F(2°C) 0°to 30°F(-18°to -1°C):±5°F(3°C)
Repeatability at+23°C	±2% or ±3.5°F(2°C) whichever is greater
Response Time	500mSec
Spectral Response	7 ~ 14um
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)