

Infrared Thermometer STEK IRT36+



Contact Cum Non Contact, 0-800°C
IP54 Compliant for Harsh Industrial Applications



2 meter Drop Test Approved
Engineered for Rugged Handling
IEC Approves
Vibration Shock Test Approved



Specifications

Parameters	STEK IRT36+
Temperature Measurement Range	-80°C to 800°C (-40°F to 1472°F).
Accuracy	For 0 to 800°C \pm : 1°C or \pm 1% of reading (whichever is greater) For -10°C to 0°C: \pm 2.0°C For -30°C to -10°C : \pm 3.0°C
Response Time	<500 milliseconds (95% of the reading).
Spectral Response	8 to 14 microns.
Emissivity	Adjustable from 0.10 to 1.00.
Optical Resolution	12:1 (calculated at 90% energy).
Display Resolution	0.1°C (0.2°F) for less than 100 Deg C .
Repeatability	\pm 0.5% of reading or \pm 0.5°C (1°F), whichever is greater.
Power	Operates on AA batteries.
Display Type	Easy-to-read backlit Reverse OLED display for easy viewing even in dark environment
Battery Life	8 hours or more with laser and backlight on.
Weight	less than 207 gms (without Battery)
Size	less than 173 x 102 x 54 mm
Operating Temperature	0°C to 50°C (32°F to 122°F).
Storage Temperature	-20°C to 60°C (-4°F to 140°F) (without battery).
Operating Humidity	10% to 90% RH non-condensing at 30°C (86°F).
Operating Altitude	Up to 2000 meters above mean sea level.
Storage Altitude	Up to 12,000 meters above mean sea level.
IP Rating	IP54 certified for dust and moisture protection.
Drop Test	Withstands drops from 3 meters (9.8 feet).
Vibration and Shock	Complies with IEC 68-2-6: 2.5 g, 10 to 200 Hz; IEC 68-2-27: 50 g, 11 ms.
Electromagnetic Compliance	Meets IEC 61326-1 for portable electromagnetic equipment.
Safety Standards	Conforms to IEC 61010-1: Pollution Degree 2; IEC 60825-1 Class 2 laser safety.
Laser Targeting	Bright laser Pointer.
K Type Thermocouple Measurement	Can measure Air, Liquid, Surface temperature by Conduction of heat energy to a Thermocouple, Range: 0-700°C (Various Thermocouple Options



Optional Accessories:

