

IRT-16 Infrared Thermometer

The Tempil IRT-16 Infrared Thermometer is the industry's most advanced, non-contact, infrared technology-based surface temperature measurement device. The lightweight and compact Tempil IRT-16 is easy-to-use and engineered to provide superior accuracy and consistency in surface temperature measurement for a wide range of non-conventional surface temperature measurement applications. The Tempil IRT-16 Infrared Thermometer will accurately measure temperatures in a range from -76°F to 1157°F (-60°C to 625°C), and its easily adjustable emissivity, combined with laser targeting and a 16:1 distance to spot ratio, allows for greater precision over a variety of applications. IRT-16 can be easily converted to a contact measurement device by using K-Type thermocouple (available on request).



The Tempil IRT-16 infrared gun housing is molded of high-impact material to stand up to the everyday rigors of the job site. The IRT-16 is ergonomically designed for ease-of-use, its backlit digital display is easy to read in virtually any light condition, and it comes with a heavy-duty nylon holster for easy carrying and protection.

Applications

- 16:1 distance to spot ratio
- Ergonomic hand grip
- Heavy-duty nylon holster case
- Four-digit backlit dual display
- °C or °F selectable readout
- Electronic trigger lock for continuous measurement
- Adjustable emissivity
- Min/Max/Avg and differential temperature modes
- Built-in jack for K-Type thermocouple probe to allow direct contact measurement
- NIST Certification is available

Welding and metal fabrication
 Metal processing applications, such as preheating, annealing or stress relief
 Hot metal forming operations, such as roll stands or forging
 Non-stationary surfaces associated with conveyors or processing lines
 Hot and/or dangerous liquid and associated handling system components
 Electrical equipment, high-voltage components and other electric utility applications
 Difficult to reach internal machine components, bearing housings, motors and other plant maintenance applications

New No.	Old No.	Item Description
24200	IRT-16	IRT16 INFRARED THERMOMETER
24201	IRT-16NIST	IRT16 INFRARED THERMOMETER-NIST CERTIFIED
24202	IRT-T	IRT16 K-PROBE THERMOCOUPLE

Estik™ Electronic Surface Thermometer

Engineered for a wide range of critical temperature monitoring applications, our patent-pending Estik™ incorporates the latest in micro-thermocouple technology with a bold digital readout to instantly display the surface temperature with an accuracy of +/- 2%. Measuring surface temperature from 32°F to 999°F (0°C to 537°C), Tempil Estik can be used on polished or non-polished surfaces. Unlike other types of electronic technology, it is not necessary to know what the emissivity of the surface material is in order to obtain an accurate reading.



- Ergonomic hand grip
- Three-digit backlit display
- °C or °F selectable readout
- No wires or cables
- Automatic shut-off

Applications

Solid stationary surface
 Pipeline construction, pressure and non-pressure
 Oil rig fabrication
 Critical welding and metal fabrication applications
 Industrial maintenance, motor and bearings housings

New No.	Old No.	Item Description
24290	ESTIKL	ELECTRONIC TEMPILSTIK KIT
24251	ESTIK-NIST	ELECTRONIC TEMPILSTIK - NIST CERTIFIED
24252	ESTIK-T	ESTIK THERMOCOUPLE BAND REPLACEMENT

