377BT Infrared Thermometer (IR)

Delivering test and measurement advantages for HVAC/R professionals worldwide

Test the TPI advantage

tpi

Transmit temperature data to other wireless devices

APPLICATIONS

Electrical
- Cables
- Circuit breakers
- Connections
- Machinery
- Motors
- Transformers

Food
- Grill & surface temperatures
- Holding cabinets
- Serving temperatures
- Storage temperatures

HVACR
- Compressor heads
- Vents
- Hot and cold areas in insulation
- Leaks around cooler or freezer doors
- Leaks around windows
- Steam traps
- Registers

tpi 377BT
INFRARED
THERMOMETER
S/No. SAMPLE0002

Features
- Combo non-contact IR & contact thermometer
- Bluetooth communication
- Adjustable emissivity (0.3 to 0.99)
- Laser pointer
- Record function
- 11.5:1 Distance to target Ratio
- Temperature Ranges from -58 to 1,832 degrees fahrenheit

Turn over for technical information and accessory part numbers.

SPECIFICATIONS

Temperature Range:	0° to 1832°F (-18° to 1000°C)
Display Resolution:	0.1°F (°C) or 1°F (°C)
Accuracy @ 23°C and 0.95 emissivity:	± 2% of reading or ± 3.5°F (2°C) whichever is greater
Emissivity:	0.3 to 0.99 adjustable
Laser Sighting:	Output <1mW, Wavelength 645-660nm, Class II Laser
Selectable Units of Measure:	Yes, °C / °F
Distance to Target Ratio:	11.5 : 1
Display Hold:	Yes, last reading held for 7 seconds after trigger release (70 second with BT active)
Response Time:	1 second
Spectral Response:	7 - 14 um
Operating Temperature:	32° to 120°F (0° to 50°C)
Storage Temperature:	14° to 140°F (-10 to 60°C)
Battery Type:	9 Volt
K-Type Range:	-40° to 2192°F (-40° to 1200°C)
K-Type Accuracy:	± 0.5% of reading ±3°F (2°C)

Test the TPI Advantage

Locks the power on for continuous measuring

Turns the laser on/off and toggles between contact and non-contact thermometer modes

Toggles between Celsius and Fahrenheit units of measure and turns Bluetooth communication on or off

Activate record mode which captures the minimum and maximum readings

Adjusts emissivity and allows the Hi/Low alarms to be adjusted

Controls power on and off

K-type thermocouple input for non-contact measurement