

381a Combo Non-Contact / Contact Thermometer

Features

- Non-contact
 -4 to 572°F
- Contact -146 to 2,192°F depending upon optional temperature probe
- Temperature compensated
- Single button, last reading hold function, °F/°C switchable

Applications

HVACR

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

Electrical

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

Food

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

Measure hard-to-reach, sensitive, or large moving target areas.



- Repeatable, 0.1° resolution readings ensure tests are consistently correct.
- Temperature compensated for accurate readings.
- Don't have to hit a hold button holds last reading automatically.
- Easy-to-use one button operation you can't lock up chip by pressing multiple buttons at one time and therefore don't have to disconnect the battery to reboot the chip.
- °C and °F selectable
- 9 to 1 D:S

381a Technical Data

Distance to Spot Ratio	9:1
Temperature	Non-contact: -4° to 572°F (-20° to 300°C)
Range	Contact:* -148° to 2192°F (-100° to 1200°C)
IR Accuracy @ 23°C	± 5°F (3°C) below 32°F (0°C)
and 0.95 emissivity	± 2% of rdg or ± 3.5°F (2°C)
	whichever is greater at >32°F (0°C)
Contact Accuracy	+(0.5% of reading + 3.5°F (2°C)
Emissivity	0.95
Laser Sighting	Output <1mW, Wavelength 645-660nm, Class II Laser
°F or °C	Selectable (slide switch in handle)
Contact or Non-contact	Selectable (slide switch in handle)
Display Hold	Yes
Response Time	500 millisecond
Spectral Response	7 - 14 um
Operating Temperature	32° to 120°F (0° to 50°C)
Battery Type	9 Volt
*Overall K-Type range shown. Actual range is dependent on the temperature range of the probe selected.	

FREE GK11M K-type thermocouple with sub-mini input jack Included

GK11M: General purpose Fiberglass insulated beaded tip probe

Exposed junction for fast response in food and non-food liquid, air and surface applications

Diameter: 24 gauge Lead Length: 48" (1.2M)

Temp Range: -40° to 950°F (-40° to 510°C)





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