

Non-contact
Temperature

**Infrared
Temperature
Accessory Head**
Model ATIR3



Fieldpiece

Professional-grade
instruments for field service

- 8:1 viewing angle.
- Laser sighting
- Select °C or °F.
- Auto-off to save battery life.
- Auto-off bypass for data logging.
- Works with Fieldpiece stick meters, data logger, electronic handle, and most DMMs.



IR Temperature Head

Model ATIR3

The ATIR3 measures temperature by collecting infrared energy emitted by target and converting it a mVDC signal for direct current reading on any meter with mV ranges. The ATIR3 slides on the Fieldpiece "stick" meter, data logger, and electronic handle. Use it with the EHD1 to record MIN and MAX.

Non-contact infrared temperature measurement works best if you cannot touch the test point or if you are looking for the hottest or coldest area. If you can reach the test point, a contact temperature is usually more reliable. IR temperature readings can vary with angle, and how reflective the the surface is. If the surface is reflective enough and close enough, heat from your face can affect the reading.

Features

Versatile	■ Works with the Fieldpiece "stick" meter, DL2 data logger, EHD1 electronic handle, and DMMs with mV ranges.
Rugged	■ Rugged mechanical design.
Easy to use	■ Works like all the other Fieldpiece accessory heads.

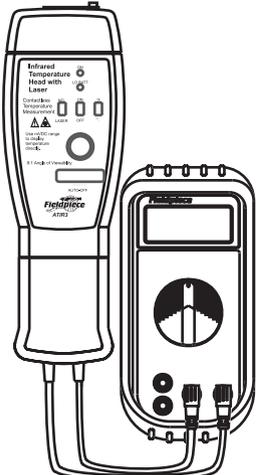
Specifications

Operating environment:	32°F to 120°F at <75%RH.
Output:	1mVDC/1°F, 1mVDC/1°C selectable.
Field of view:	8:1
Laser output:	<1mW(670nm typ.)
Auto-off to save battery life.	
Auto-off disable for use with data logger.	
Accuracy (at 73°F±10°F <90%RH):	32°F to 160°F: ±2%rdg or 4°F, whichever is greater. 0°F to 32°F, 161°F to 752°F: ±3%rdg or 5.5°F, whichever is greater.

Use it your way



Standalone:
ATIR3 + EHD1



Most DMMs: ATIR3
+ AHD1 + DMM



Data logger:
ATIR3 + DL2



On stick meter:
ATIR3 + HS33



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MADE IN TAIWAN

ATIR3CARDV1