

ponpe

INSTRUMENTS



INFRARED THERMOMETER

เครื่องวัดอุณหภูมิ แบบอินฟราเรด

PONPE 490IR

D:S=12:1

38mm@ 75mm@ 132mm@
300mm 900mm 1500mm



When take measurement, pay attention to the Distance to Spot Size: As the Distance (D) from the target surface increases, the spot size (S) of the area measured by the unit becomes larger.
The Distance to Spot size of the unit is 12:1.
This unit is equipped with a laser, which is used for aiming.
Field of view:
Make sure the target is larger than the unit's spot size.
The smaller the target the closer measure distance.
When accuracy is critical, make sure the target is at least twice as large as the spot size.

FEATURES

D:S = 12:1, maximum distance from the target object

missivity: 0.10~1.00 Adjustable

Emissivity:0.1 to 1.00 adjustable;

Accuracy: ±1.5% or ±1.5°C;

Max/Min/Dif/Avg temperature reading;

Hi-Low temperature alarm setup;

data store/recall

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Technical Parameters

Temperature range: -50-950 °C (-58-1742 °F)

Accuracy: 0-950 °C(32-1742 °F) : ± 1.5 °C(±2.7 °F) or ±1.5%

-50-0 °C(-58-32 °F):±3 °C (±5 °F) Whichever is greater

Resolution: 0.1°C or 0.1 °F

Repeatability: ±1% of reading or ±1°C

Response time: 500 mSec, 95% response

Spectral response: 5-14 um

Emissivity: 0.10-1.00 Adjustable (0.95 Preset)

Distance to Spot size: 12 :1

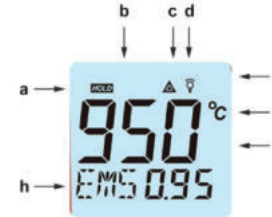
Operating Temperature: 0 -40 °C (32 - 104 °F)

Operating Humidity: 10-95%RH non- condensing, up to 30 ° C(86°F)

Storage Temperature: -20 - 60 °C(-4-140°F)

Power: 9V Alkaline or NiCd battery

Typical battery life (Alkaline): Non- laser mode: 22 hrs; Laser Models:12 hrs



- a. Data hold icon
- b. Scanning icon
- c. Laser on icon
- d. Back light on icon
- e. Battery power icon
- f. Measuring unit
- g. Measuring reading
- h. Mode/emissivity indicator

APPLICATION CHART

Professional instrument and test equipment manufacturer

