

GUN-Type

Infrared Thermometer with Laser mark


Model: 110H



Features:

- CE-Mark approval
- Portability and simplicity one-hand operation
- Display Back-Light feature
- Auto DATA HOLD function after releasing MEASURE Button
- °C/°F user-selective
- Fixed emissivity (ϵ) 0.95 for most substances
- Auto power off function
- Use thermopile detection sensor (6-14 μ m)
- Attached PVC cover

Specifications:

Display: 3½ digit liquid crystal display (LCD) with a maximum reading of 1999.
 Low battery indication: The "  " is displayed when the battery voltage drops below the operating level.
 Operating environment: 0°C to 50°C at <75% R.H..
 Storage environment: -20°C to 60°C, 0 to 80% R.H. with battery removed from meter.
 Accuracy: Stated accuracy at 23°C±5°C, <75% R.H..
 Auto power off: 10 seconds.
 Dimensions: 148mm(H) x 105mm(W) x 42mm(D).

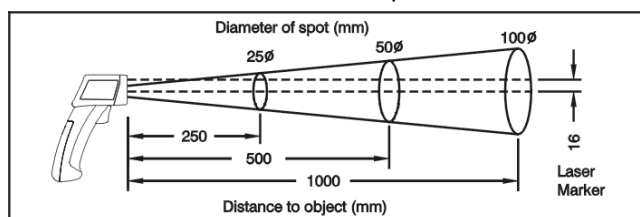
Temperature:

Sensor: Thermopile (6-14 μ m)
 Range: -30°C to 550°C, -22°F to 1022°F
 Resolution: 0.1°C/1°C, 0.2°F/1°F
 1°C on -30°C to -10°C, 0.1°C on -9.9°C to 200°C
 1°C on 200°C to 550°C
 1°F on -22°F to -10°F, 0.2°F on -9.9°F to 200°F
 1°F on 200°F to 1022°F
 Response Time: 0.4 second
 Accuracy:
 ±(2°C/4°F) on -30°C to 100°C (-22°F to 212°F)
 ±(2% reading) on 101°C to 550°C (213°F to 1022°F)

Fixed emissivity (ϵ): 0.95
 Field of View: 100mm ϕ at 1000mm

Laser Specifications:

Laser safety classification of Class 2
 Wave Length: Red (630-670nm)
 Power out: <1mW, class 2 laser product



Spot size increases with distance from the probe tip as shown

Applications:

- Measure surface temperature of objects which are difficult to reach or unsafe to contact
- Measure hot spots in electrical panels and equipment
- In-process temperature measurements



CHY FIREMATE CO., LTD.
 NO.3 SHENG-LI 1ST STREET, HSIN-TIEN VILLAGE,
 JEN-TE HSIANG, TAINAN HSIEN, TAIWAN R.O.C.

Tel : 886-6-2794811
 Fax : 886-6-2700227
 E-Mail : chy@ksts.seed.net.tw