

# GUN-Type

## Infrared Thermometer with Laser mark

Model: 110




### 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 ( $\epsilon$ ) 0.95 for most substances
- Auto power off function
- Use thermopile detection sensor (6-14 $\mu$ 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 $\mu$ m)

Range: -30°C to 550°C, -22°F to 1022°F

Resolution: 0.5/1°C (auto), 1°F

Response Time: 0.25 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 ( $\epsilon$ ): 0.95

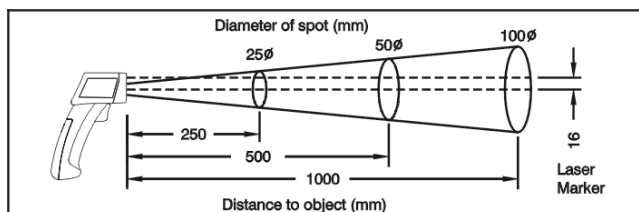
Field of View: 100mm $\phi$  at 1000mm

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