



DT-810 / DT-812

DIGITAL NON CONTACT INFRA RED THERMOMETER

- | Precise Non Contact measurements
- | Built in Laser Pointer
- | User Selectable Degree C / Degree F
- | MAX/MIN temperature Display
- | Trigger Lock
- | Automatic Data Hold & Auto Power Off
- | Automatic Selection Range and Display Resolution 0.1 Degree C (0.1 Degree F)
- | The meter at 8 inches away measures 1 inch target
- | Backlit LCD Display

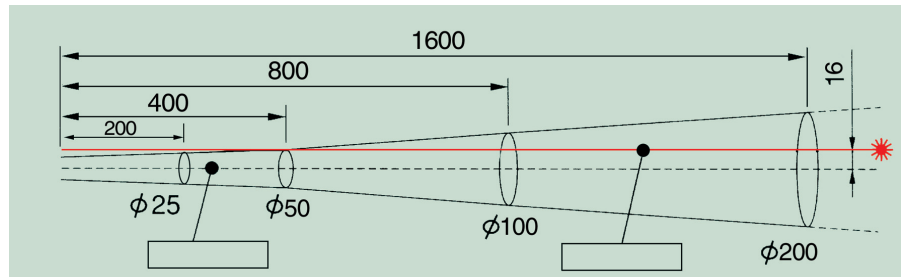
DT-810 / DT-812

Digital Non Contact infra Red Thermometer



Application

Food Preparation, Safety and Fire Inspection, Plastic Molding, Asphalt, Marine and Screen Printing, Measures ink and Dryer temperature, Diesel and Fleet maintenance.



Technical Specifications

| | DT-810 | DT-812 |
|-----------------------|--|---------------------------------|
| Measuring Range | -30°C to 260°C / -22°F to 500°F | -50°C to 500°C / -58°F to 932°F |
| Response Time | Less than 1 Second | |
| Over Range Indication | LCD will show "-----" | |
| Polarity | Automatic (no indication for positive polarity); Minus (-) sign for negative polarity | |
| Emissivity | 0.95 fixed value | |
| Field of View | D/S=Approx. 8:1 ratio (D=distance, S=spot) (Has 90% encircled energy at the focal point) | |
| Diode Laser | Output < 1mW, wavelength 630 ~ 670 nm, Class 2 (II) Laser Product | |
| Spectral Response | 6 ~ 14um | |
| Power Off | Automatic Shut Off after 8 seconds approx. | |
| Operating Temperature | 0°C to 50°C / -32°F to 122°F | |
| Storage Temperature | -20°C to 60°C / -4°F to 140°F | |
| Relative Humidity | 10% ~ 90% RH Operating, < 80% RH Storage | |
| Power Supply | 9V Battery, NEDA 1604A or IEC 6LR61, or equivalent | |
| Weight | 180 g. | |
| Size | 82 x 41.5 x 160mm | |

Infra Red Thermometer Specifications

| | DT-810 | DT-812 |
|------------|---|------------------------------|
| Range | -30°C to 0°C (-22°F to 32°F) | -50°C to 0°C (-58°F to 32°F) |
| | 0°C to 260°C (32°F to 500°F) | 0°C to 500°C (32°F to 932°F) |
| Resolution | 0.1°C / °F | |
| Accuracy | ±4°C/±7°F upto 0°C | |
| | ±2% of reading or ±2°C/±4°F from 0 to 260/500°C (32°F to 500/932°F) | |

Accessories

Carrying Case, Instruction Manual, Battery and Test Certificate.

Contact :

CEM INSTRUMENTS (INDIA) PVT. LTD.

32A, Ganesh Chandra Avenue, 4th Floor, Kolkata-700013

Tel: 033-22151376, 22159759

Email: info@cem-instruments.in / info@cem-india.com

Web: www.cem-instruments.in / www.cem-india.com

CEM INSTRUMENTS HEADQUATER & FACTORY

19th Building, 5th Region, Baiwangxin Industry Park,

Songbai Road, Baimang, Xili, Nanshan, Shenzhen,

China, 518108

Tel: +86-755-27353188, Fax: +86-755-27653699

