



CEM DT-8865 Professional High Temperature Infrared Thermometer with Dual Laser Pointer (-50~1000°C 30:1)



SKU: CEMDT8865BL
Manufacture warranty period: 12 months
Country of Origin: China

Product overview:

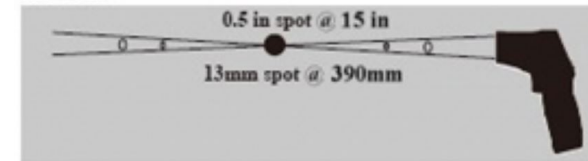
This is capable of non-contact (infrared) temperature measurements at the touch of a button. The built-in laser pointer increases target accuracy while the backlight LCD and handy push-buttons combine for convenient, ergonomic operation.

Features:

- Rapid detection function
- Precise non-contact measurements
- Dual laser sighting
- Unique flat surface, modern housing design
- Automatic Data Hold
- °C/°F switch
- Emissivity Digitally adjustable from 0.10 to 1.0
- MAX temperature displays
- Backlight LCD display
- Automatic selection range and Display Resolution 0.1°C(0.1°F)
- Trigger lock
- Set high and low alarms

Distance (D) to Spot size(S)

D:S=30:1



(Unit: mm)



Specifications:

- Accuracy:
Assumes ambient operating temperature of 23° to 25°C (73 to 77°F)
 - -50°C ~ 20°C(-58°F ~ 68°F): ±2.5°C(4.5°F)
 - 20°C~300°C(68°F ~ 572°F): ±1.0% ±1.0°C(1.8°F)
 - 300°C ~ 1000°C(572°F~1832°F): ±1.5%
- Repeatability:
 - -50 ~ 20°C(-31 ~ 68°F): ±1.3°C(2.3°F)
 - 20 ~ 1000°C(68 ~ 1832°F): ±0.5% or ±0.5°C(0.9°F)
- Temperature range: -50 ~ 1000°C (-58 ~ 1832°F)
- Display resolution: 0.1°C(0.1°F) < 1000; 1°F> 1000
- Optical Resolution: 30:1 Distance to Spot size
- Basic accuracy: ±1.0% of reading
- Response time: Less than 150ms
- Spectral response:8 ~14um
- Emissivity: Digitally adjustable from 0.10 to 1.0
- Over range indication: LCD will show "----"
- Polarity: Automatic (no indication for positive polarity); Minus (-) sign for negative polarity
- Diode laser: output <1mW, Wavelength 630~670nm, Class 2 laser product
- Operating temperature: 0 to 50°C (32 to 122°F)

- Storage temperature: -10 to 60°C (-14 to 140°F)
Relative humidity: 10%~90%RH operating, <80%RH storage
- Power supply: 9V battery, NEDA 1604A or IEC 6LR61, or equivalent
- Weight: 163g
- Size: 146 x 104 x 43mm
- Safety: "CE" Comply with EMC

Standard Certification:

- CE and RoHS certified
- EMC
- EN: 61326
- EN: 60825-1

*Caution Notes (Refer to User Manual for more details)

- Not recommended for use in measuring shiny or polished metal surfaces (stainless steel, aluminum, etc).
- **The unit cannot measure through transparent surfaces such as glass.** It will measure the surface temperature of the glass instead.
- Steam, dust, smoke, etc., can prevent accurate measurement by obstructing the unit's optics.





Package includes:

- Infrared Thermometer Gun
- User Manual
- 9V Battery
- Carrying Case

