



This IR Thermometer 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. The Non-contact Infrared Thermometers can be used to measure the temperature of objects' surface that is improper to be measured by traditional (contact) thermometer (such as moving object, the surface with electricity current or the objects which are uneasy to be touched.) The dual laser helps to identify the area of the target whose temperature is being measured. Both the lasers should fall within the target whose temperature is being measured.

This device is provided with vision alarm function. During measurement, if the measured temperature is higher or lower than the set High Alarm temperature value / Low Alarm temperature value, red LED will flash on the LCD. This will randomly show the temperature profile of the measurements being made. This is very useful at places where random temperature is to be measured and is to be maintained within set values.



DT-8862B / DT-8863B

PROFESSIOINAL INFRA RED THERMOMETER WITH DUAL LASER

- | 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
- | Backlit LCD Display color changes with respect to measurement temperature as compared to LOW and HIGH Set temperature

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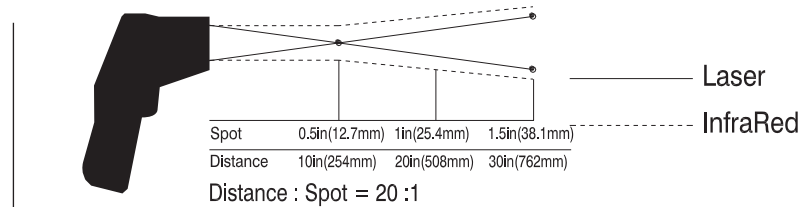
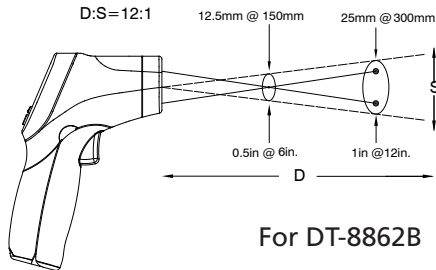
Professional Infra Red Thermometer with Dual Laser

Wide Range Application

Food preparation, Safety and Fire inspectors, Plastic molding, Asphalt, Marine and Screen printing, measure ink and Dryer temperature, HVAC/R, Diesel and Fleet maintenance.

Distance & Spot Size

As the distance (D) from the object increases, the spot size (S) of the area measured by the unit becomes larger. The relationship between distance and spot size for each unit is listed below. The focal point for each unit is 914mm (36"). The spot sizes indicate 90% encircled energy..



Technical Specifications

| Parameters | DT-8862B | DT-8863B |
|---|---|-----------------------------|
| Temperature Range | -50 to 650°C (-58 ~ 1202°F) | -50 to 800°C (-58 ~ 1472°F) |
| D:S | 12:1 | 20:1 |
| Display Resolution | 0.1°C (0.1) <1000 1 >1000 | |
| Accuracy | | |
| -50 to 20°C (-58 to 68°F) | ±2.5 (4.5) | |
| 20 to 300°C (68 to 572°F) | ±1.0% ±1.0 (1.8) | |
| 300 to 650°C (DT-8862B)/ 800 (For DT-8863B) (572 to 1202 / 1472°F) | ±1.5% | |
| Repeatability | | |
| -50 to 20°C (-58 to 68°F) | ±1.3 (2.3) | |
| 20 to 650°C (DT-8862B)/ 800 (For DT-8863B) (68 to 1202 / 1472°F) | ±0.5% or ±0.5 (0.9) | |
| Response Time | 150ms | |
| Spectral Response | 8 ~ 14µm | |
| 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°C to 50°C (32°F to 122°F) | |
| Storage Temperature | -10°C to 60°C (14°F to 140°F) | |
| Relative Humidity | 10%~90%RH operating, <80%RH storage | |
| Power Supply | 9V battery, NEDA 1604A or IEC 6LR61, or equivalent | |
| Safety | " CE " Comply with EMC | |

Accessories

Carrying Case, Instruction Manual, Test Certificate and Battery.

Contact :

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