



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. This Non-contact Infrared Thermometer 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.)

DT-8859H / DT-8839

DIGITAL NON CONTACT INFRA RED THERMOMETER WITH HIGH D:S RATIO

- | Precise non-contact measurements
- | High distance to target ratio measures smaller surface areas at greater distances
- | Widest temperature range
- | Unique flat surface, modern housing design
- | Built-in laser pointer
- | Automatic Data Hold
- | °C/°F switch
- | Emissivity Digitally adjustable from 0.10 to 1.0
- | MAX, MIN, DIF, AVG temperature displays
- | Backlight LCD display
- | Built-in laser pointer
- | Automatic selection range and Display Resolution 0.1°C (0.1°F)
- | Trigger lock
- | Set high and low alarms
- | Fast Response time of 150mS for DT-8859H only

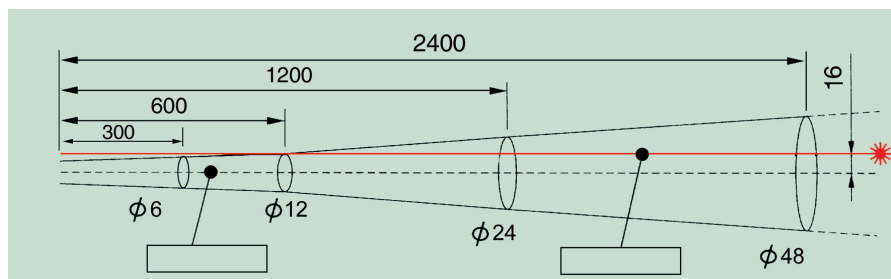
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Digital Non Contact Infra Red Thermometer



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.



Technical Specifications

	DT-8859H	DT-8839
Accuracy		
Accuracy: Given at 18°C to 28°C (64°F to 82°F), less than 80% RH		
Assumes ambient operating temperature of 23 to 25°C (73 to 77°F)		
-50°C-20°C (-58°F-68°F)	±3.0°C (5.4°F)	±5 °C (± 9)
20°C-500°C (68°F-932°F)	±1.0% ±1.0°C (1.8°F)	±1.5% ±2.0°C (3.6°F)
500°C-1000°C (932°F-1832°F)	±1.5%	±2% ±2.0°C (3.6°F)
1000°C-1600°C (1832°F-2912°F)	±2.0%	
Temperature Range	-50°C to 1600°C (-58°F to 2912°F)	-50°C to 1000°C (-58°F to 1832°F)
D:S	50:1	
Display Resolution	0.1° up to 2000°, 1° above 2000°	0.1°
Respose Time	150mS	Less than 1 Sec
Spectral response	8 ~ 14μm	
Emissivity	Digitally Adjustable from 0.10 to 1.0	
Over Range Indication	LCD will show "-----"	LCD will show "-OL", "OL"
Polarity	Automatic (no indication for positive polarity); Minus (-) sign for negative polarity	
Diode laser	output <1mW, Wavelength 630-670nm, Class 2(11) laser product	
Operating Temperature	0 to 50°C (32 to 122°F)	
Storage Temperature	-20°C to 60°C (-4 to 140°F)	
Relative Humidity	10%-90%RH operating, <80%RH storage	
Power Supply	9V battery, NEDA 1604A or IEC 6LR61, or equivalent	
Weight	290g (10.2 oz.)	
Size	100 X 56 X 230mm (3.9 X 2.2 X 9.0")	
Safety	"CE" Comply with EMC	

Accessories

Hard Carrying Case, Instruction Manual, Battery, Test Certificate.



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