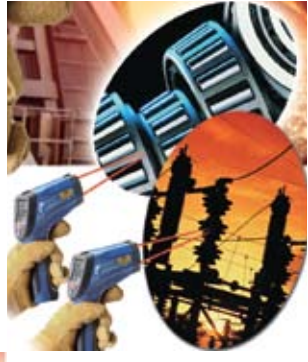
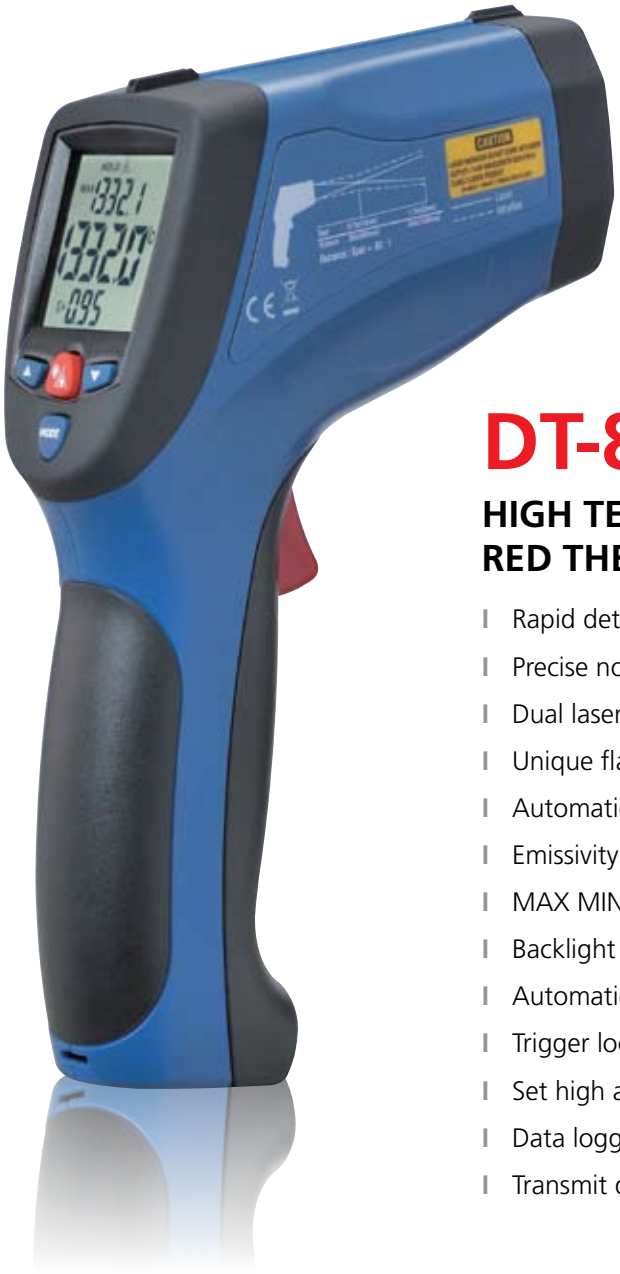
CEM



This Infra Red 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 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.)



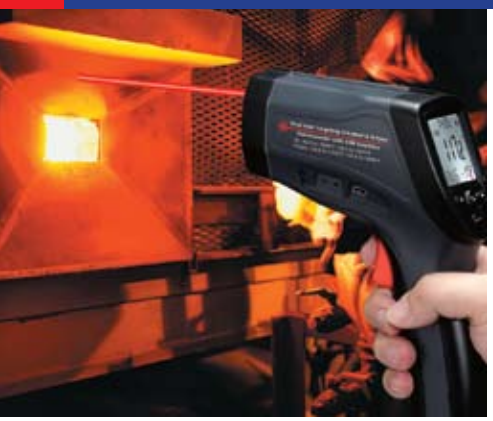
DT-8868H / DT-8868

HIGH TEMPERATURE NON CONTACT INFRA RED THERMOMETER WITH USB PC INTERFACE

- Rapid detection function
- Precise non-contact measurements
- Dual laser sighting
- Unique flat surface, modern housing design
- Automatic Data Hold
- Emissivity Digitally adjustable from 0.10 to 1.0
- MAX MIN AVG DIF temperature displays
- Backlight LCD display
- Automatic selection range and Display Resolution 0.1°C(0.1°F)
- Trigger lock
- Set high and low alarms
- Data logger (LOG)
- Transmit data to PC with USB Interface.

DT-8868H / DT-8868

High Temperature Non Contact Infra Red Thermometer With Usb Pc Interface



Application

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

Technical Specifications

Accuracy: Given at 18°C to 28°C (64°F to 82 °F), less than 80% RH

IR Measurement	DT-8868H		DT-8868	
IR Temp. Range	-50 to 1850°C (-58 to 3362°F)		-50 to 1200°C (-58 to 2192°F)	
Optical Resolution	50:1		50:1	
Resolution	0.1°C(0.1°F)< 1000; 1°C(1°F)> 1000		0.1°C(0.1°F)< 1000; 1°C(1°F)> 1000	
Accuracy	-50 to 20°C (-58 to 68°F)	±3°C (5.4°F)	-50 to 20°C (-58 to 68°F)	±3°C (5.4°F)
	20 to 500°C (68 to 932°F)	± 1.0% ± 1.0°C (1.8°F)	20 to 500°C (68 to 932°F)	± 1.0% ± 1.0°C (1.8°F)
	500 to 1000°C (932 to 1832°F)	±1.5%	500 to 1200°C (932 to 2192°F)	±1.5%
	1000 to 1850°C (1832 to 3362°F)	±2.0%		
Repeatability	-50 to 20°C (-58 to 68°F)	±1.5°C (2.7°F)	-50 to 20°C (-58 to 68°F)	±1.5°C (2.7°F)
	20 to 1850°C (68 to 3362°F)	±0.5% or ± 0.5°C (0.9°F)	20 to 1200°C (68 to 2192°F)	±0.5% or ± 0.5°C (0.9°F)

TK Measurement	DT-8868H		DT-8868	
TK Temp. Range	-50 to 1370°C (-58 to 2498°F)		-50 to 1370°C (-58 to 2498°F)	
Resolution	0.1°C (0.1°F)< 1000; 1°C (1°F) > 1000		0.1°C (0.1°F)< 1000; 1°C (1°F) > 1000	
Accuracy	-50 to 1000°C (-58 to 1832°F)	± 1.5% ±3°C(5°F)	-50 to 1000°C (-58 to 1832°F)	± 1.5% ±3°C(5°F)
Repeatability	1000 to 1370°C (1832 to 2498°F)	± 1.5% ± 2°C(3.6°F)	1000 to 1370°C (1832 to 2498°F)	± 1.5% ± 2°C(3.6°F)
	-50 to 1370°C (-58 to 2498°F)	±1.5%	-50 to 1370°C (-58 to 2498°F)	±1.5%

Response Time	: 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
Safety	: "CE" Comply with EMC

Accessories

Battery, Hard Carrying Case, Instruction Manual, K- type Bead type probe, USB PC Interface cable, Software, Tripod Stand

Contact :

CEM INSTRUMENTS (INDIA) PVT. LTD.
32A, Ganesh Chandra Avenue, 4th Floor, Kolkata-700013
Tel: 033-22151376, 22159759
Email: info@cem-instrumets.in / info@cem-india.com
Web: www.cem-instruments.in / www.cem-india.com

CEM INSTRUMENTS HEADQUATER & FACTORY
19th Building, 5th Region, Baiwangzin Industry Park, Songbai Road, Baimang, Xili, Nanshan, Shenzhen, China, 518108
Tel: +86-755-27353188, Fax: +86-755-27653699