



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

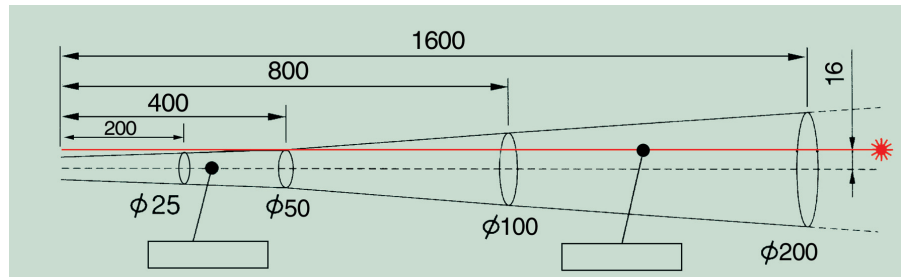
DT-810 / DT-812

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	$\pm 4^{\circ}\text{C}/\pm 7^{\circ}\text{F}$ upto 0°C	
	$\pm 2\%$ of reading or $\pm 2^{\circ}\text{C}/\pm 4^{\circ}\text{F}$ from 0 to 260/500°C (32°F to 500/932°F)	

Accessories

Carrying Case, Instruction Manual, Battery and Test Certificate.



AAYUSH ELECTRICALS & INSTRUMENTATION
ISO 9001-2015 CERTIFIED COMPANY

Office Address : # 1, 1st Main, 2nd Cross, Maruthinagar, Bengaluru, Karnataka - 560 026. India

Factory Address : #18 ,4th A Main Road, Bahubali Nagar, Jahalli Village, Bengaluru - 560013

Email : sales@ayushei.com / marketing@ayushei.com / accounts@ayushei.com

Web : www.ayushei.com , Mob : +91 88922 55555 / 96639 82272 / 88922 77777



QMS/019303/1120