Portable Non-contact thermometer

Waterproof, shock structure model

THERMO-HUNTER®

PT-5LD

0 to 500℃

PT-7LD

-30.0 to 200.0℃



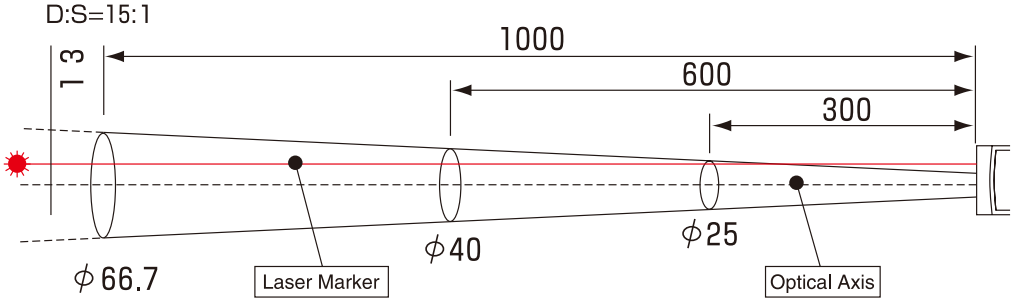
Portable Non-contact thermometer

THERMO-HUNTER®

Features

- High accuracy of ±1°C at room temperature (PT-7LD)
- No damage by water wash (Water-proof and dust-proof body)
- Excellent shock resistance structure No damage from fall of 1m high
- Memory function recordable 99 points of temperature data
- Antibacterial resin body without trouble of disinfection
- Continuous measurement without pressing the button
- Silicon filter against strong radiant heat
- Upper and lower alarm function by sound and light

Optical Specifications



[mm]

※ The laser marker points 13mm off to the left from the optical axis.
※ The optical resolution value stated above are at minimum 90% energy.
※ The size of measuring object should be sufficiently larger than the spot size.
※ The temperature value displayed on LCD is the average temperature within the spot size.

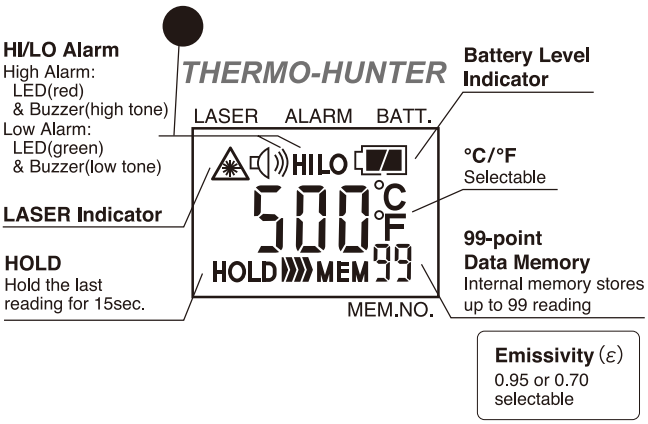
Specifications

Model	PT-5LD	PT-7LD
Temperature range	0 to 500˚C	−30.0 to 200.0˚C
Display range	−10 to 650˚C	−40 to 220.0˚C
Optical resolution	ϕ66.7mm／1000mm	
Sensing element/ Spectral response	Thermopile/8 to 14μm	
Accuracy (ε≒0.95)	0 to 200˚C:±2˚C 201 to 500˚C:±1%	−30.0 to 0.0˚C:±3.0˚C, 0.1 to 100.0˚C:±1.0˚C, 100.1 to 200.0˚C:±2.0˚C
Repeatability	±1˚C of reading	±1.0˚C of reading
Response time	0.7sec./90%	
Temperature resolution	1˚C	0.1˚C
Emissivity adjustment (ε)	DARK(0.95)/ BRIGHT(0.70) selectable	HOT(0.95)/ COLD(0.85) selectable
Continuous measuring mode	ON/OFF selectable	
Alarm functions	audible and visible High/Low alarm	
Display back-light	Available	
Data logging	99 point	
Display hold	15 seconds	
Power supply	AA (alkaline battery) x 1pcs	
Battery life	15 hours (with alkaline battery, max load)	
Ambient temperature	0 to 50˚C	
Relative humidity	35 to 85%Rh (non-condensing)	
Storage temperature	−10～60˚C	
Protection class	IP67	
Sighting	Laser (Class II)	
Material	ABS(Antibacterial)	
Dimension	H×W×D=160mm×44mm×42mm	
Weight	200g (incl. Battery)	

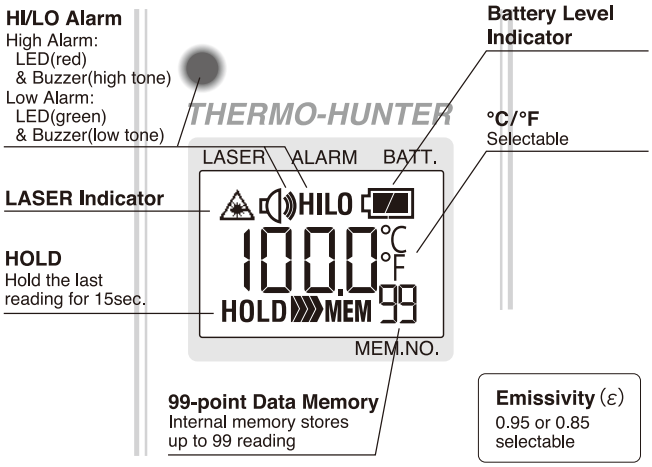
*Specifications subject to change without notice.

Displays

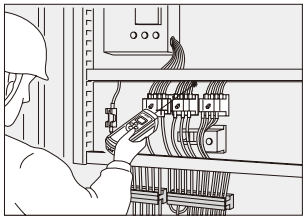
PT-5LD

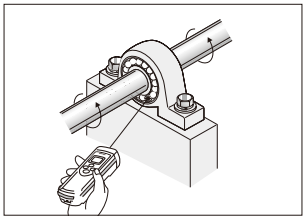


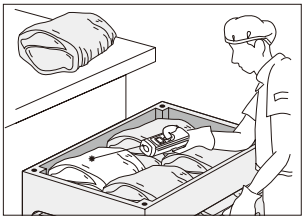
PT-7LD

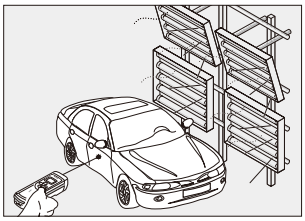


Applications


Electric Wiring/Transformer


Bearing


Freezer/Refrigerator


Motor/Machine

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