

**Portable Non-contact thermometer**

Easy-to-carry Pocket sized body

**THERMO-HUNTER®**

# PT-2 series

-40 to 510°C

# PT-02 series

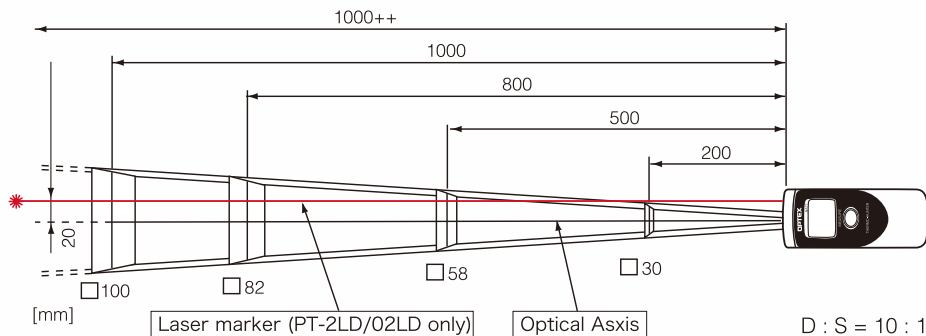
-40.0 to 200.0°C



## Features

- Quick response 0.8sec (PT-2series)
- Display range 0.1°C (PT-02series)
- Optical resolution □ 100/1000mm (D:S=10:1)
- Large and easy-to-view display
- Laser & LCD back-light (PT-2LD, PT-02LD)

## Optical Specifications



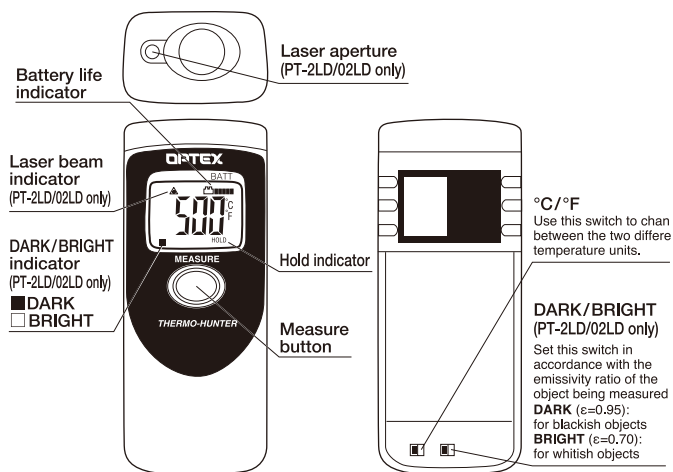
- ※ The laser axis (PT-2LD/02LD only) is located 20mm left from the optical axis.
- ※ The optical resolution values stated above are at 90% energy.
- ※ The size of measuring object should be sufficiently larger than the spot size.
- ※ The temperature value displayed on LCD is the average temperature within the spot size.

# Specifications

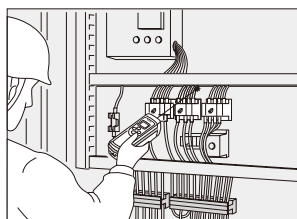
Model	PT-2L	PT-2LD	PT-02L	PT-02LD
Temperature range	-40 to 510°C		-40 to 200°C	
Display range	-51 to 538°C		-50 to 230°C	
Optical resolution (D:S)	□100/1000mm (D:S=10:1) square spot			
Sensing element/Spectral response	Thermopile/8 to 14μm			
Accuracy (ε=0.95)	Less than 0°C: ±3.0 0°C to 200°C: ±2°C Above 200°C: ±1°C of reading		Less than 0°C: ±3.0 0°C to 200°C: ±2°C	
Repeatability	±1°C of reading		±0.5°C of reading	
Response time	0.8sec/90%		1.5sec/90%	
Temperature resolution	1°C		0.1°C (above 200°C : 1°C)	
Emissivity adjustment (ε)	0.95	0.95/0.7selectable	0.95	0.95/0.7selectable
Display back-light	-	Available	-	Available
Power supply	AA (alkaline battery) x 2pcs			
Battery life	60 hours	30 hours	60 hours	30 hours
Ambient temperature	0 to 50°C			
Relative humidity	35 to 85%Rh (non-condensing)			
Storage temperature	-10 to 60°C			
Sighting	-	Laser Class II(Blinking)	-	Laser Class II(Blinking)
Dimension	HxWxD=160mmx44mmx42mm			
Weight (Incl. Battery)	175g	180g	175g	180g

\*Specifications subject to change without notice.

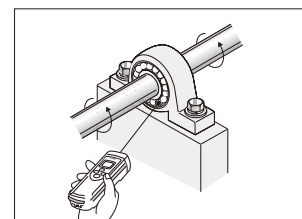
## Dimensions



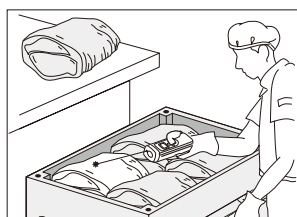
## Applications



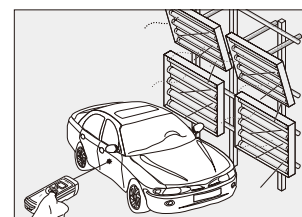
Electric Wiring/Transformer



Bearing



Freezer/Refrigerator



Motor/Machine

# OPTEX CO., LTD.

5-8-12 Ogoto Otsu, Shiga, 520-0101 Japan  
 Tel : +81-77-579-8680 Fax : +81-77-579-8199  
 URL : <http://www.optex.co.jp>

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