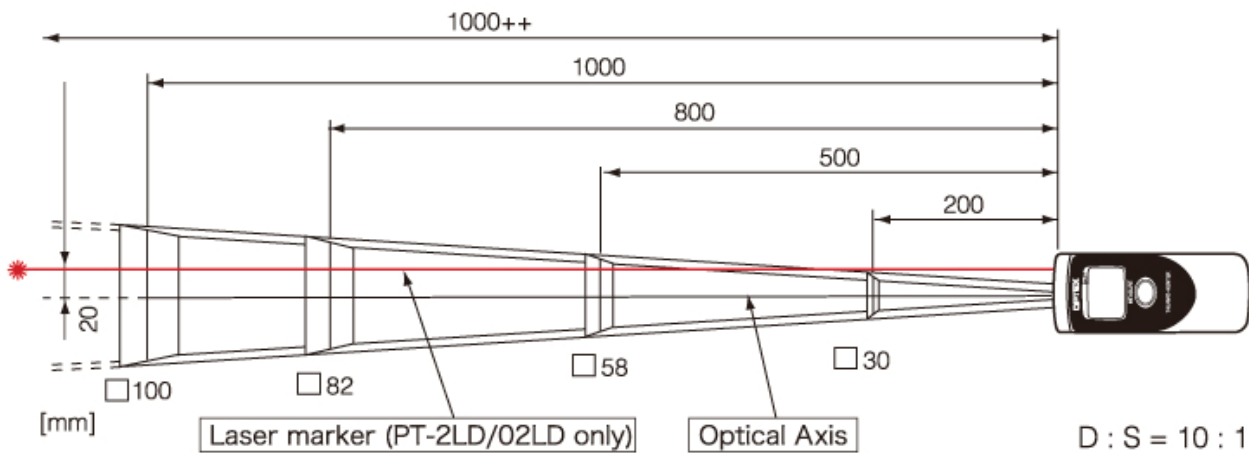


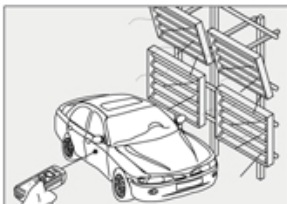
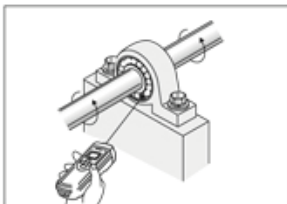
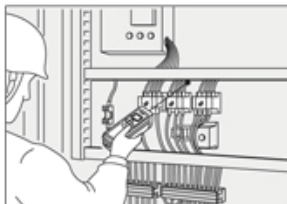
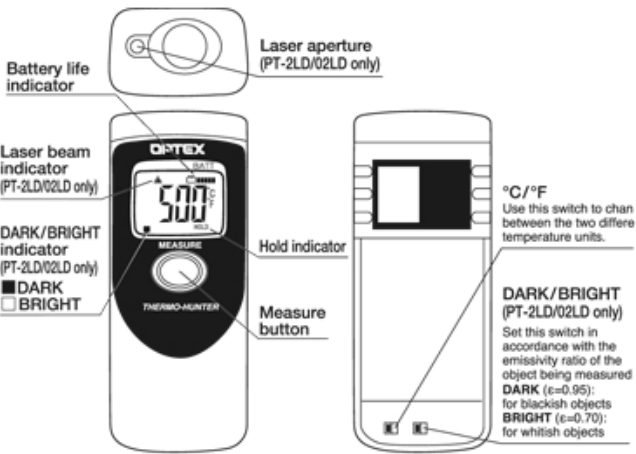
TERMÓMETRO PORTÁTIL



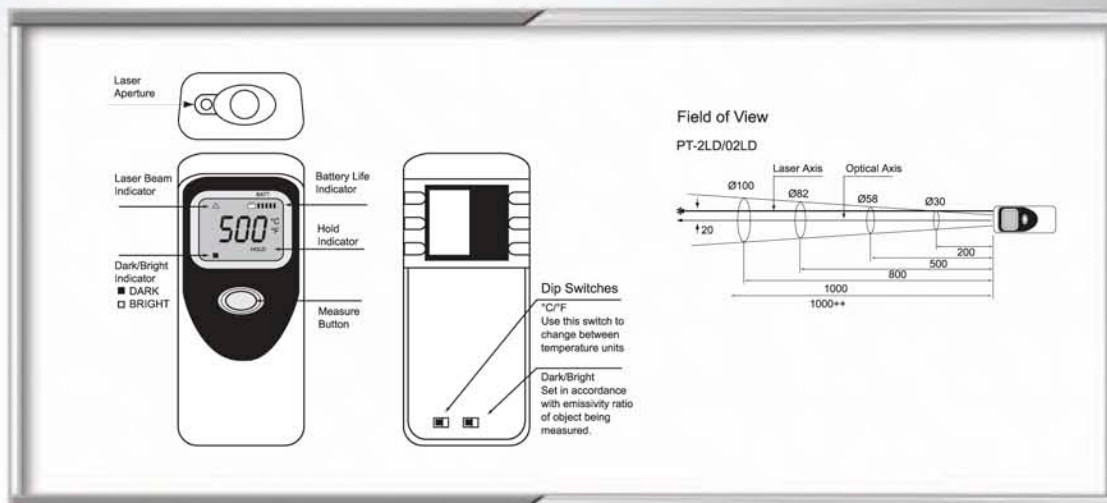
Modelo #	PT-02LD	PT-2LD
Rango de medición	-40 a 200 °C (-40 a 392 °F)	-40 a 510 °C (-40 a 950 °F)
Gama de exhibición	-50 a 230 °C (-58 a 446 °F)	-51 a 538 °C (-60 a 1000 °F)
Campo de visión	Punto cuadrado de ø100/1000 mm (D: S=10:1)	
Óptica	espejo / filtro de silicona	
Elemento sensor / Longitud de onda	Termopila/8 a 14 µm	
Tiempo de respuesta	1,5 segundos/90%	0,8 segundos/90%
Precisión (ε=0,95, a 25 °C ±3 °C)	Menos de 0 °C: ±3 °C; de 0 °C a 200 °C: ±2 °C (Menos de 32 °F: ±6 °F; de 32 a 400 °F: ±4 °F)	Menos de 0 °C: ±3 °C; de 0 °C a 200 °C: ±2 °C; por encima de 200 °C: ±1 % del valor de lectura (menos de 32 °F: ±6 °F; de 32 a 400 °F: ±4 °F) por encima de 400 °C: ±1 % del valor de lectura
Repetibilidad	±0,5 °C (1 °F) del valor de lectura	±1 °C (2 °F) del valor de lectura
Resolución de pantalla	0,1 °C/°F (Por encima de 200 °C/°F: 1 °C/°F)	1 °C/°F
Método de avistamiento	Marcador láser intermitente	
Ajuste del índice de emisividad (ε)	0,95 Oscuro / 0,7 Brillante (Conmutable)	
Función de retroiluminación	Disponible	
Unidad de temperatura	°C/°F (conmutable)	
Fuente de alimentación	Pilas alcalinas AA x 2 unidades (incluidas)	
Duración de la batería (alcalina)	Aproximadamente 30 horas	
Temperatura ambiente	0 - 50 °C (32 - 120 °F)	
Humedad ambiental	35 - 85% HR (sin condensación de rocío)	
Temperatura de almacenamiento	-10 a 60 °C (14 a 140 °F)	



- ✧ 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.



PT SERIES



Model	PT-02LD	PT-02LD
Measuring Range	-40 to 200°C (-40 to 392°F)	-40 - 510°C (-40 to 950°F)
Display Range	-50 to 230°C (-58 to 446°F)	-51 -538°C (-60 to 1000°F)
Field of View	ø100/1000mm (D: S=10:1) square spot	
Optics	mirror / silicon filter	
Sensing Element / Wavelength	Thermopile/8 to 14µm	
Response Time	1.5sec./90%	0.8sec./90%
Accuracy ($\epsilon=0.95$, @ 25°C $\pm 3^{\circ}\text{C}$)	Less than 0°C : $\pm 3^{\circ}\text{C}$; 0°C to 200°C: $\pm 2^{\circ}\text{C}$ (Less than 32°F: $\pm 6^{\circ}\text{F}$; 32 to 400°F: $\pm 4^{\circ}\text{F}$)	Less than 0°C : $\pm 3^{\circ}\text{C}$; 0°C to 200°C: $\pm 2^{\circ}\text{C}$; Above 200°C: $\pm 1\%$ of reading value (Less than 32°F: $\pm 6^{\circ}\text{F}$; 32 to 400°F: $\pm 4^{\circ}\text{F}$) Above 400°C: $\pm 1\%$ of reading value
Repeatability	$\pm 0.5^{\circ}\text{C}$ (1°F) of reading value	$\pm 1^{\circ}\text{C}$ (2°F) of reading value
Display Resolution	0.1°C/°F (Above 200°C/°F: 1°C/°F)	1°C/F
Sighting Method	Blinking laser marker	
Emissivity Ratio (ϵ) Adjustment	0.95/0.7 (Switchable)	
Back-light Function	Available	
Temperature Unit	°C/°F (Switchable)	
Power Supply	AA (Alkaline battery) x 2pcs.	
Battery Life (Alkaline)	Approx. 30 hours	
Ambient Temperature	0 - 50°C (32 - 120°F)	
Ambient Humidity	35 - 85%RH (Without dew condensation)	
Storage Temperature	-10 - 60°C (14 to 140°F)	
Weight	180g	

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