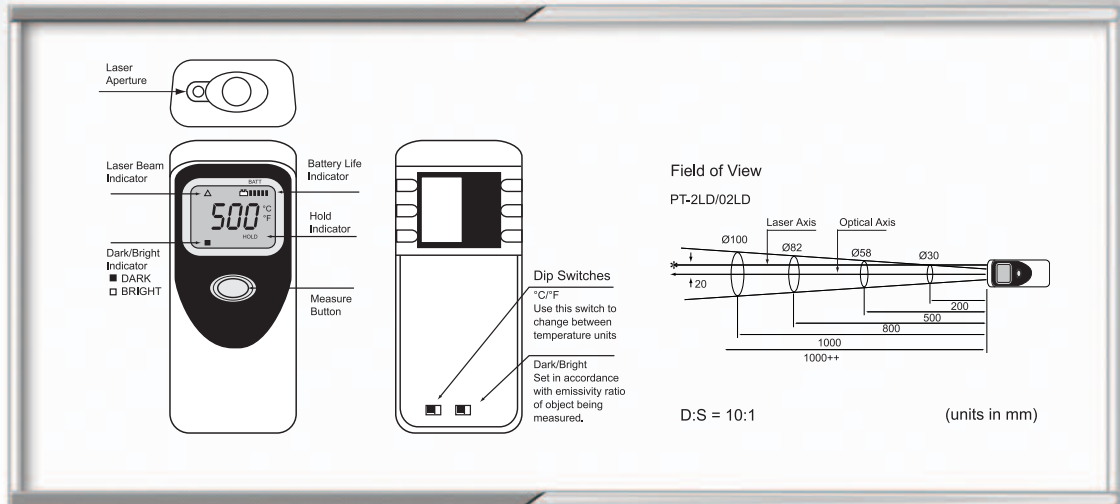


# HTM electronics

## PT SERIES



Model	PT-02LD	PT-2LD
Measuring Range	-40 to 200°C (-40 to 392°F)	-40 to 510°C (-40 to 950°F)
Display Range	-50 to 230°C (-58 to 446°F)	-51 to 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 (ε=0.95, @ 25°C ±3°C)	Less than 0°C : ±3°C; 0°C to 200°C: ±2°C (Less than 32°F: ±6°F; 32 to 400°F: ±4°F)	Less than 0°C : ±3°C; 0°C to 200°C: ±2°C; Above 200°C: ±1% of reading value (Less than 32°F: ±6°F; 32 to 400°F: ±4°F) Above 400°C: ±1% of reading value
Repeatability	±0.5°C (1°F) of reading value	±1°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 Dark / 0.7 Bright (Switchable)	
Back-light Function	Available	
Temperature Unit	°C/°F (Switchable)	
Power Supply	AA Alkaline battery x 2pcs. (included)	
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 to 60°C (14 to 140°F)	
Weight	180g	