

Laser Beam

Distance(D) to Spot Size(S)

16mm

inch

Sensor Beam

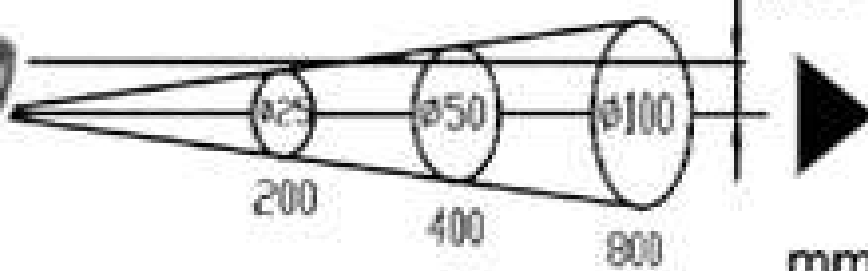
200

400

800

mm

D:S = 8:1



Model	TB-550			
Temperature Range	-50~550°C (-58~1022°F)			
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 630~670nm, Class2 (II) Laser product			
Spectral response	6~14μm			
Power off	Automatic shut off after 7 seconds, approx.			
Operating temp.	0 to 50°C (32 to 122°F)			
Storage temp.	-20 to 60°C (-4 to 140°F)			
Relative humidity	10%~90%RH operating, <80%RH storage			
Power supply	9V battery, NEDA 1604A or IEC 6LR61, or equivalent			
Weight	130g			
Size	86 x 46 x 160mm			
Display resolution	0.1°C (0.1°F)			
Range (Automatic selection 0.1°C/1°C)	-50.0°C to 550°C		-58°F to 1022°F	
	-50.0°C to -20°C	-20°C to 550°C	-58.0°F to -4.0°F	-4.0°F to 1022°F
Automatic Resolution	0.1°C/1°C		0.1°C/1°C	
Accuracy	±5°C	±2.0% of reading +2°C	±9°F	±2.0% of reading +2°C

Note: Accuracy is given at 18°C to 28°C (64°F to 82°F), less than 80%RH.

FRONT PANEL DETAIL

- ① IR sensor
- ② Laser sight
- ③ LCD Display
- ④ Laser select key
- ⑤ Measurement Trigger
- ⑥ Battery Cover
- ⑦ Handle

