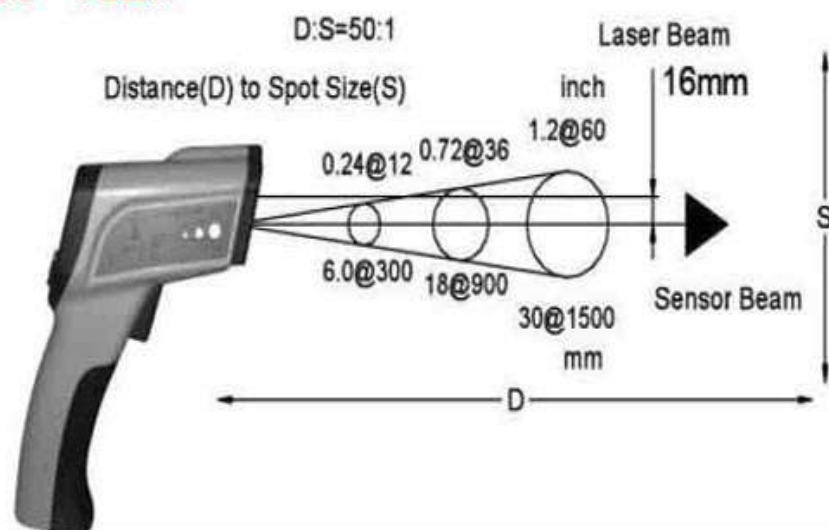


- ① IR sensor
- ② Laser pointer beam
- ③ LCD Display
- ④ Down Button
- ⑤ Up Button
- ⑥ Mode button
- ⑦ Laser pointer beam
- ⑧ Measurement Trigger
- ⑨ handle Grip



Model	TB-1050	TB-1300	TB-1600
Temperature Range	-50~1050°C (-58~1922°F)	-50~1300°C (-58~2372°F)	-50~1600°C (-58~2912°F)
Target distance ratio	50:1		
Display resolution	0.1°C (0.1°F)		
Accuracy	-50 ~ -20°C(-58~-4°F): $\pm 5^{\circ}\text{C}$ ($\pm 9^{\circ}\text{F}$)		
	-20 ~ -200°C(-4~-392°F): $\pm 1.5\%$ of reading +2°C ($\pm 3.6^{\circ}\text{F}$)		
	200 ~ 1050°C(392~1922°F): $\pm 2.0\%$ of reading +2°C ($\pm 3.6^{\circ}\text{F}$)		
	1050 ~ 1300°C(1922~2372°F): $\pm 2.0\%$ of reading +2°C ($\pm 3.6^{\circ}\text{F}$)		
	1300 ~ 1600°C(1922~2912°F): $\pm 2.0\%$ of reading +2°C ($\pm 3.6^{\circ}\text{F}$)		
Response time	Less than 1 second		
Spectral response	8~14um		
Emissivity	Digitally adjustable from 0.10 to 1.0		
Over range indication	LCD will show “-OL”, “OL”		
Polarity	Automatic (no indication for positive polarity); Minus (-) sign for negative polarity		
Diode laser	Output <1mW, Wavelength 630~670nm, Class2 (II) laser product		
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 IEC6LR61, or equivalent		
Weight	320g		
Size	120 x 53 x 230mm		
Safety	“CE” Comply with EMC		

FIELD OF VIEW



DUE TO CONTINUOUS PRODUCT IMPROVEMENT, THE DESIGN AND TECHNICAL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE