



LCD display & buttons

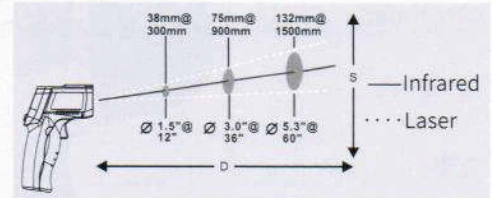
1. LCD display:

- A: measuring reading B: measuring unit
- C: low temperature alarm icon
- D: data hold icon E: scanning icon
- F: high temperature alarm icon
- G: laser on icon H: back light on icon
- I: battery power icon J: mode
- K: emissivity indicator L: functional value



Distance(D) to Spot size(S)

D:S=12:1



Specification

Temperature range	-50~420°C (-58~788°F)
Accuracy	0~420°C(32~788°F) : ±1.5°C(±2.7°F) or ±1.5%
	-50~0°C(-58~32°F): ±3°C (±5°F) Whichever is greater
Resolution	0.1°C or 0.1°F
Repeatability	1% of reading or 1°C
Response time	500 mSec, 95% response
Spectral response	5-14 um
Emissivity	0.10~1.00 Adjustable (0.95 Preset)
Distance to Spot size	12:1
Operating Temperature	0°C ~40°C (32°F ~ 104°F)
Operating Humidity	10%RH~95%RH non-condensing, up to 30°C(86°F)
Storage Temperature	-20°C ~ 60°C (-4°F~140°F)
Power	9V Alkaline or NiCd battery
Typical battery life (Alkaline)	Non-laser mode: 22 hrs; Laser Models: 12 hrs
Weight	147.5g
Dimension	153*101*43mm

Emissivity

Material	Emissivity	Material	Emissivity
Aluminum	0.30	Iron	0.70
Asbestos	0.95	Lead	0.50
Asphalt	0.95	Limestone	0.98
Basalt	0.70	Oil	0.94
Brass	0.50	Paint	0.93
Brick	0.90	Paper	0.95
Carbon	0.85	Plastic	0.95
Ceramic	0.95	Rubber	0.95
Concrete	0.95	Sand	0.90
Copper	0.95	Skin	0.98
Dirt	0.94	Snow	0.90
Frozen food	0.90	Steel	0.80
Hot food	0.93	Textiles	0.94
Glass(plate)	0.85	Water	0.93
Ice	0.98	Wood	0.94

