Function

- ▶Data storage
- ▶Data retention
- ▶Backlit screen
- ▶Position the laser
- ▶Color screen display
- ▶Automatic shutdown
- ▶°C/°F temperature unit conversion
- ▶High/low temperature alarm setting
- ▶Maximum/minimum/difference/average value display

D:S=12:1

9 point laser

Color display

☑ GT750
☑ GT950

Specification

	GT750	GT950
Temperature range	-50°C~750°C (-58°F~1382°F)	-50 °C~ 950°C (-58°F ~ 1742°F)
Resolution	0.1°C or 0.1°F	
Accuracy	＞0°C:±1.5°C or±1.5%,Whichever is greater ＜0°C:±3°C	
Repeatability	1% of reading or 1°C	
Response time	500 mSec, 95% response	
Spectral response	8um~14um	
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 supply	9V Alkaline or NiCd battery	
Typical battery life (Alkaline)	Non-laser mode: 22 hrs Laser Models:12 hrs	
Weight	222g	
Dimension	111*50*172mm	

Application

Smelt

Ice

Gas

Fire

Infrared leak detector determines surface temperature of objects by measuring infrared energy radiated from surface. It is suitable for measuring surface temperature of various high-temperature,toxic or untouchable objects in short time.This instrument is composed of optical system,photoelectric sensor, signal amplifier, signal processing circuit and LCD display, etc. Optical system transmits infrared energy radiated from the object surface to photoelectric sensor, which converts the energy into corresponding electrical signal. Processed by signal amplifier and signal processing circuit, the signal is displayed on the LCD as digital reading.

Specification

Measurement temperature range	-50°C ~ 500°C (-58°F~ 932°F)
Accuracy	＞0°C:±1.5°C or±1.5% Whichever is greater ＜0°C:±3°C
Repeatability	1% reading or 1 degree Celsius
Response time	500 mSec, 95% response
Response wavelength	5-14 um
Emissivity	0.95 Preset
Working temperature	0 ~40°C (32 ~ 104°F)
Relative humidity	10-95% RH without condensation
Storage temperature	-20 ~ 60°C (-4~140°F)
D:S	12:1
Battery life	Laser Models:12 hours
Power	9V battery(6F22)
Size	153*101*43mm
Weight	147.5g

Three-color backlight prompts temperature difference leak detection

Blue

Red

Green

Color display	Sound signal	Results
Red	Fast	Beyond positive critical value
Green	None	Within critical value
Blue	Slow	Below negative critical value

Function

- ▶°C/°F temperature unit conversion
- ▶Data retention
- ▶Position the laser
- ▶LCD backlight
- ▶Automatic shutdown
- ▶Low battery indicator
- ▶Temperature difference value display
- ▶Three-color backlight prompts temperature difference leak detection

Application

Iron smelting temperature

Flame temperature

Ice cube temperature

Gas temperature