

**FR-7801/7802/7803 Infrared Thermometer**  
**13:1 Compact IR Thermometer With Wide Temperature Range**

**FEATURES**

- ▶ Optical resolution: D:S=13:1
- ▶ Emissivity: fixed at 0.95
- ▶ Built-in laser pointer
- ▶ Overrange indication
- ▶ Backlight LCD display
- ▶ Data hold
- ▶ Auto power off



**Specifications**

Model	FR-7801	FR-7802	FR-7803
IR Temp. Range	-50~350° C -58~662° F	-50~550° C -58~1022° F	-50~850° C -58~1562° F
Emissivity	Fixed at 0.95	Fixed at 0.95	Fixed at 0.95
Optical Resolution(D:S)	13:1	13:1	13:1
Response Time	≤ 500ms	≤ 500ms	≤ 500ms
Response Wavelength	8~14µm	8~14µm	8~14µm
Basic Accuracy	±2% or ±2°C(4°F)		
IR Temp Resolution	0.1°C/°F		
Temp. Conditions	Operation: 0~50° C / 32~122° F; Storage: -20~60° C / -4~140° F		
Humidity Conditions	Operation: <95%RH(Non-condensation); Storage: <80%RH		
Diode Laser	Output <1mW, Wavelength 630~670nm, class II		
Repeatability	±1% of reading		

Dimensions(H\*W\*D): 155\*99\*44mm

Weight: 172g

Accessories: User's manual, 9V battery, Blister card with clamshell.