

Infrared Thermometers

Non-contact Temperature Measurement

Applications:

- ◆ HVAC
- ◆ Engines
- ◆ Cold Storage
- ◆ Food Service
- ◆ Mechanical
- ◆ General Maintenance
- ◆ Electrical Power
- ◆ Rotating Machinery
- ◆ Moving Objects
- ◆ Forging/Welding
- ◆ Metallurgy
- ◆ Coatings and more

IR-806



General Purpose

IR-831



**Mid-Range
Circle Dots Laser**

IR-833



**Combo IR + K
Dual Laser
Colour LCD**

IR-866U



**High Range
USB**

Model	IR806	IR831	IR833	IR866U
IR Temp Range	-50°C~650°C	-30°C~1350°C	-50°C~900°C	-50°C~2250°C
TK Temp Range	-	-	-50°C~1370°C (Probe Dependant)	-
Basic IR Accuracy	+/- 2% of reading +/- 2°C			
Basic TK Accuracy	-	-	±1.5% of reading ±1°C	-
Optical Resolution (D:S)	30:1	30:1	30:1	50:1
Emissivity	Adjustable 0.1~1.0			
Response Time	<250ms	<500ms	<250ms	<250ms
Spectral Response	8~14µm			
Resolution	0.1°C	0.1°C up to 1000°C 1°C over 1000°C	0.1°C	0.1°C up to 1000°C 1°C over 1000°C
USB	No	No	No	Yes
Diode Laser	Output<1mW, 630~670nm, class 2(II)			
Weight	172g	176g	290g	300g
Dimensions (mm)	155 x 100 x 44	155.5 x 98.8 x 27.5	198 x 128 x 58	192 x 126 x 61
Accessories	Case, battery and manual	Case, battery and manual	Case, Wire K probe, battery and manual	Case, tripod, USB, software, battery and manual

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