

Infrared Thermometers

Non-contact Temperature Measurement

Applications:

- ◆ HVAC
- ◆ Engines
- ◆ Cold Storage
- ◆ Food Service
- ◆ Mechanical
- ◆ Maintenance
- ◆ Electrical Power
- ◆ Rotating Machines
- ◆ Moving Objects
- ◆ Forging & Welding
- ◆ Metallurgy
- ◆ Plastics & Textiles
- ◆ Coatings and more

IR-806



IR-831



TA601C



TA603C



TA603E



Model	IR806	IR831	TA601C	TA603C	TA603E
Temperature Range	-50°C~650°C	-30°C~1350°C	-50°C~880°C	-32°C~1680°C	200°C~2200°C
Basic Accuracy	±2% rdg ±2°C		±(1.5% rdg +1°C)	Up to 800°C ±2% / Over 800°C ±3% rdg	
Optical Resolution	30:1	30:1	12:1	50:1	80:1
Emissivity	Adjustable 0.10~1.00				
Response Time	<500ms				
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	
Laser Aiming	Output <1mW 630~670nm, class 2			Output <1mW 620~690nm, class 2	
	Single beam	Circle dots	Circle dots	Single beam	Single beam
Alarm	No	No	High / Low with Buzzer and Red LED		
Other Functions	Max / Min	Max / Min	Max	Max / Min / Ave / Difference Memory Store 255 Readings Continuous mode	
Weight (approx.)	172g	176g	130g	346g	346g
Dimensions (mm)	156 x 99 x 44	159 x 87 x 50	155 x 92 x 44	213 x 140 x 60	213 x 140 x 60
Accessories	Soft case, 9V battery and manual	Soft case, 9V battery and manual	Soft case, 2 x AAA batteries & manual	Hard case, 9V battery and manual	

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