



IR90 / IR130 / IR160

Dual Laser Hi-Temp IR Thermometer supports K-type Thermocouple

SPECIFICATIONS

	IR90	IR130	IR160
Temperature range	-30 ~ 900°C (-22 ~ 1652°F)	-30 ~ 1300°C (-22 ~ 2372°F)	600 ~ 1600°C (1112 ~ 2912°F)
Spectral response	8 ~ 14µm		1µm
Optics resolution	60:1	120:1	300:1
Accuracy	±1% of reading or ±1°C whichever is greater; ±1.5°C (-20 ~ 19.9°C); ±2.5°C (-30 ~ -20.1°C)		±(0.5% of reading + 2°C) whichever is greater
Repeatability	±0.5% of reading or ±0.5°C whichever is greater		±(0.3% of reading + 1°C) whichever is greater
Response time	300ms		5ms
Emissivity	0.10 ~ 1.00 (adjustable) with 0.01 increments		
Resolution	0.1°C (1°C above 1000°C)		
Digital output	USB		
Input	K-type thermocouple (-40 ~ 760°C)		
Data logger	2000 points		
Laser	IEC Class2/FDA Class II (<1mW)		
Display	4 digit backlight LCD display		
Ambient temperature	0 ~ 50°C		
Storage temperature	-20 ~ 60°C (without battery)		
Relative humidity	10 ~ 95% non-condensing		
Tripod mount	1/4 - 20 UNC		
Power supply	9V alkaline battery		
Battery life time	10 hours (laser and backlight on)		
Size	163.5 x 207 x 70mm		
Weight	470g (battery included)		

FEATURES

- Visual and acoustic HIGH and LOW alarm
- 4 digit backlight LCD display
- TCK input
- IR online software
- Wide temperature range (-30 ~ 1600°C)
- Superior optical resolution up to 300:1
- Spot sizes down to 1mm
- 5ms response time
- Dual laser sighting



IRtek International
P.O. BOX 435
Joondalup, W.A. 6919
Australia

For more information call :
Phone : +61 8 93052222
Fax : +61 8 93050111
Email : sales@irtek-temp.com
Web access : www.irtek-temp.com

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