

Portable Pyrometer Specification:

Description	Requirement
Make	Fluke - Process Instruments
Model	RAYR3i PLUS - RAY3IPLUSNBT2MSCL
Temperature Range	400 to 2000 °C (752 to 3632 °F)
Spectral Response	1.6 µm
System Accuracy	±0.5 % of reading +1 °C (2°F) for <2700 °C (4892 °F) ± 2% of reading for >2700°C (4892°F)
Repeatability	±0.3 % of reading ±1 °C (2°F)
Response Time	40 mSec
Optical Resolution (D:S)	250:01:00
Emissivity	0.10 - 1.00
Operating Temperature	0 to 50 °C (32 to 120 °F)
Storage Temperature	-20 to 60 °C (-4 to 140 °F) without batteries
Relative Humidity	10 to 90 %, RH noncondensing @ 30 °C (86 °F)
Power	Single cell Lithium-ion, 3.6 V, 2500 mAh or via USB 2.0
Battery Life (Lithion-Ion)	24 hours
Laser	Laser beam for targeting (On/Off) (EN60825 Class 2, FDA Class II)
Temperature Display	°C or °F (selectable)
Signal Processing	MAX, MIN, DIF, AVG Temperatures
Audible Alarms	Target temperature/Ambient temperature/Low battery
Data Logging	Up to 4,900 data points
Digital Outputs	USB 2.0, optional Bluetooth® 4.0** (USA/Canada: Bluetooth and USB standard)
Additional features	Backlit LCD, Locking Trigger, Tripod Mounting, Reflected Energy Compensation

**RAMESH KUMAR
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