

INFRARED THERMOMETERS

MEASURES AND DISPLAYS SURFACE TEMPERATURE

- cULus Listed
- CLASS 2, IEC 60825-1:2014 Certification
- Optical resolution 12:1 (61-847) & 10:1 (61-827)
- LCD backlit display
- 2M drop protection (61-847); 1M drop protection (61-827)
- Minimum, Maximum, Average, Difference,
- Adjustable Emmisivity (61-847)



Complies with 21 CFR 1040.10 and 1040.11 except for conformance with IEC 60825-1 Ed. 3 as described in Laser Notice No. 56 dated May 8, 2019.



Lanyard Tie-off Point



Average



Difference



Maximum



Minimum



Camera Tripod Mountable (61-847 only)



THE ELECTRICIAN'S
CHAMPION™



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INFRARED THERMOMETER SELECTION GUIDE		
FEATURES	61-847	61-827
Listing	cULus	cULus
Certification	CLASS 2, IEC 60825-1:2014	CLASS 2, IEC 60825-1:2014
Wavelength	630nm-670nm	630nm-670nm
Output	< 1mW	< 1mW
Listing	cULs, CE	cULs, CE
Drop Protection	6.6 ft. (2m)	3.3 ft. (1m)
Optical Resolution (distance-to-spot)	12 : 1	10 : 1
Measurement Range	-26° - 932°F (-32° to 500°C)	-4° to 752°F (-20° to 400°C)
Laser Targeting	Dual	Single
Auto Scan	✓	—
Max/Min/Avg/Diff	✓	—
High/Low Alarm	✓	—
Data Hold	✓	✓
Lock-on (for continuous measurements)	✓	—
Emissivity	0.10 - 1.00 Adjustable	0.95 Fixed
Backlit Display	✓	✓
Display	LCD	LCD
Auto Power-Off	✓	✓
Selectable Celsius / Fahrenheit	✓	✓
Battery Type	2 x 1.5V AAA	2 x 1.5V AAA
Low Battery Indicator	✓	✓
Response Time	250 ms	500 ms
Spectral Response	8 to 14µm	8 to 14µm
Warranty	2-Year*	2-Year*

Specifications are subject to change without notice.

Scan with your smartphone to see a video and learn more



P-6048 (5-21)
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