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# Fluke 62 Max Plus Infrared Laser Thermometer

## **Product Images**



### **Short Description**

Designed with your on-the-job needs in mind, the new Fluke 62 MAX Plus infrared thermometers is everything you'd expect from Fluke.

### **Description**

Designed with your on-the-job needs in mind, the **Fluke 62 MAX Plus** infrared thermometer is everything you'd expect from Fluke - the experts in measurement tools: small in size, extremely accurate and very easy to use. IP54 rated for dust and water resistance. Precise yet rugged enough to take a 3-metre drop. In fact, the **Fluke 62 MAX Plus** is so tough, it's the only IR thermometer around you can handle without care.

#### **Key Benefits of the Fluke 62 Max Plus**

- Dust and water-resistant: IP54 rated for dust and water resistance.
- Rugged: 3-metre (9.8-foot) drop tested.
- Ergonomically designed: Completely redesigned for a more natural hand fit.
- Small and lightweight; clips to your tool belt or belt loop or easily fits into your tool box.

#### **Additional Features**

- Distance to spot: Precise laser technology makes for more accurate and repeatable measurements.
- Large, backlit display: Large screen makes data easier to read, even in dark areas.
- Min/Max/Avg/Dif: Displays the minimum, maximum or average temperature, or the difference between two measurements.
- Alarm: Hi and Lo alarms for rapid display of measurements outside the limits.
- Power: The 62 MAX iPlus s powered by a single, standard AA battery.
- Dual lasers: The 62 MAX+ has dual rotating lasers to help you identify area to be measured. The measurement area is the spot between the dots.

Order Code: Fluke 62 Max Plus

Laser   Intermometer				- Handheld Infrared	
Temporature   Accuracy   30°C to 650°C (-22°E to 1202°E)   10°C or ±10 % of reading, whichever is greater   -10°C to 9°C (-22°C ±20° = 10°C to 10°C ±20° = 20°C ±20° = 10°C to 10°C ±20° = 20°C ±20° = 10°C to 10°C ±20° = 20°C ±20° = 20° =		Laser Thermometer Specifications			
Accuracy   1-00°C to 10°C ±2.0   3-10°C t		Temperature	-30°C to 650°C (-22°F t	to 1202°F)	
Spectral response   Spe	Explanation	-	-10°C to 0°C: ±2.0		
Fesions   Company			< 500 ms (95% of reading)		
Policial resolution   Policial			8 to 14 microns		
Position		Emissivity	0.10 to 1.00		
Repeatability of			12:1 (calculated at 90% energy)		
Power AA battery  Rattery life 8 hours with laser and backlight on Physical Specification			0.1°C (0.2°F)		
Explanation   Physical Specifications   P			$\pm 0.5\%$ of reading or < $\pm 0.5^{\circ}$ C (1°F), whichever is greater		
Explanation         Physical Specifications           Weight         255 g (8.99 oz)           Size         175 x 85 x 75 mm (6.88 x 3.34 x 2.95 in)           Operating temperature         0°C to 50°C (32°F to 122°F)           Storage temperature temperature         20°C to 60°C (-4°F to 140°F), (without battery)           Operating humidity         10% to 90% RH non-condensing at 30°C (86°F)           Operating altitude         2000 meters abov=mean sea level           1P rating         1P 54 per IEC 60529           1P rating         1P 54 per IEC 60529           1P rop test         3 meters           2MC         200 ft.24 per IEC 60529           EMC         EM 61326-1:2006 bt. 1326-2:2006           EMC         EM 61326-1:2006 bt. 1326-2:2006           EMC         EM 61326-1:2006 bt. 1326-2:2006           Emperature agency approval         EM/IEC 61010-1: 2001           Emperature agency approval         FDA and EN 60825-1 Class II    ###################################		Power	AA battery		
Physical Specifications         Weight       255 g (8.99 oz)         Size       175 x 85 x 75 mm (6.88 x 3.34 x 2.95 in)         Operating temperature       0°C to 50°C (32°F to 122°F)         Storage temperature       -20°C to 60°C (-4°F to 140°F), (without battery)         Operating humidity       10% to 90% RH non-condensing at 30°C (86°F)         Operating altitude       2000 meters above mean sea level         IP rating       1P 54 per IEC 60529         Drop test       3 meters         Vibration and shock       1EC 68-2-6 2.5 g, 10 to 200 Hz, IEC 68-2-27, 50 g, 11 ms         EMC       EN 61326-1:2006 EV-1326-2:2006         EMC       EN 61326-1:2006 EV-12006 EV-12001 Laser safety       FDA and EN 60825-1 Class II         Brand       Fluke		Battery life	8 hours with laser and backlight on		
Size 175 x 85 x 75 mm (6.88 x 3.34 x 2.95 in)  Operating temperature 20°C to 50°C (32°F to 122°F)  Storage temperature 20°C to 60°C (-4°F to 140°F), (without battery)  Operating hundridy 10% to 90% RH non-condensing at 30°C (86°F)  Operating altitude 12,000 meters above mean sea level 14 prating 19 54 per IEC 60529  Top test 3 meters 10 meters		Physical Specifications			
Operating temperature temperature temperature temperature temperature temperature temperature temperature   20°C to 50°C (32°F to 140°F), (without battery)		Weight	255 g (8.99 oz)		
Storage temperature  Storage temperature  Storage temperature  Poperating humidity  Operating altitude  Storage altitude  Storage altitude  Storage altitude  12,000 meters above mean sea level  12,000 meters above mean sea level  IP rating  IP 54 per IEC 60529  Drop test  3 meters  Vibration and shock  EMC  EMC  Storage altitude  Storage altitude  EN 61326-1:2006 EN 61326-2:2006  Compliance  EN/IEC 61010-1: 2001  Laser safety  FDA and EN 60825-1 Class II  Brand  Fluke  Maximum Temperature  H650  Environmental (Indoor), Environmental (Udoor), Industrial		Size	175 x 85 x 75 mm (6.88 x 3.34 x 2.95 in)		
temperature    Compariting humidity   10% to 90% RH non-ordensing at 30°C (86°F)   10% to 90% RH non-ordensing at 90°C (86°F)   10% to 90% RH non-ordensing			0°C to 50°C (32°F to 122°F)		
humidity       Operating altitude     2000 meters above mean sea level       Storage altitude     12,000 meters above mean sea level       IP rating     IP 54 per IEC 60529       Drop test     3 meters       Vibration and shock     IEC 68-2-6 2.5 g, 10 to 200 Hz, IEC 68-2-27, 50 g, 11 ms       EMC     EN 61326-1:2006 EN 61326-2:2006       EMC     EN 61326-1:2006 EN/IEC 61010-1: 2001       Laser safety     FDA and EN 60825-1 Class II       Brand     Fluke       Maximum Temperature     +650       Typical applications     Environmental (Indoor), Environmental (Outdoor), Industrial		-	-20°C to 60°C (-4°F to 140°F), (without battery)		
A shock of the content of the conten		Operating humidity	10% to 90% RH non-condensing at 30°C (86°F)		
Prating   Prat			2000 meters above mean sea level		
Prop test 3 meters    Vibration and shock   EEC 68-2-62.5 g, 1 \rightarrow 200 Hz, IEC 68-2-27, 50 g, 11 ms shock     EMC   EN 61326-1:2006 EN/IEC 68-2-27, 50 g, 11 ms     Emc   En 61326-1:2006 EN/IEC 61010-1: 2001     Laser safety   EN And EN 60825-1 Class II     Emc   En 61326-1:2006 EN/IEC 61010-1: 2001     Laser safety   En And EN 60825-1 Class II     Emc   En 450		Storage altitude	12,000 meters above mean sea level		
Vibration and shock   IEC 68-2-6 2.5 g, 10 200 Hz, IEC 68-2-27, 50 g, 11 ms		IP rating	IP 54 per IEC 60529		
Shock  EMC  EMC  Standards and agency approval  End EN 61326-1:2006 EN 61326-2:2006  Compliance Laser safety  EN/IEC 61010-1: 2001  Easer safety  FDA and EN 60825-1 Class II  Maximum Temperature  +650  Environmental (Indoor), Environmental (Outdoor), Industrial		Drop test	3 meters		
Standards and agency approvalCompliance Laser safetyEN/IEC 61010-1: 2001BrandFlukeMaximum Temperature+650Typical applicationsEnvironmental (Indoor), Environmental (Outdoor), Industrial			IEC 68-2-6 2.5 g, 10 to 200 Hz, IEC 68-2-27, 50 g, 11 ms		
Brand Fluke  Maximum Temperature +650  Typical applications Final Environmental (Indoor), Environmental (Outdoor), Industrial		EMC	EN 61326-1:2006 EN 61326-2:2006		
Brand Fluke  Maximum Temperature +650  Typical applications Environmental (Indoor), Environmental (Outdoor), Industrial			Compliance E	N/IEC 61010-1: 2001	
Maximum Temperature +650  Typical applications Environmental (Indoor), Environmental (Outdoor), Industrial			Laser safety F	DA and EN 60825-1 Class II	
Typical applications Environmental (Indoor), Environmental (Outdoor), Industrial	Brand	Fluke			
	Maximum Temperature	+650			
Measurements Temperature	Typical applications	Environmental (Indoor), Environmental (Outdoor), Industrial			
	Measurements	Temperature			

# **Additional Options**

Temperature Calibration Certificate	2 Point Temperature Calibration (0°C / 60°C)
	2 Point Temperature Calibration (please specify temperature points)
	1 Point Temperature Calibration (0°C)