

Fluke 62 MAX+/323/1AC IR Thermometer, Clamp Meter and Voltage Detector Kit



Specifications

Fluke 62 MAX+ Infrared Thermometer

Specifications			
Temperature Range	-30 °C to 650 °C (-22 °F to 1202 °F)		
Accuracy	±1.0 °C or ±1.0% of reading, whichever is greater -10 °C to 0 °C: ±2.0 -30 °C to -10 °C: ±3.0		
Response Time (95%)	Fluke 62 MAX+	<300 ms (95% of reading)	
	Spectral Response	8 to 14 microns	
	Emissivity	0.10 to 1.00	
Optical Resolution	12:1 (calculated at 90% energy)		
Display Resolution	0.1 °C (0.2 °F)		
Repeatability of Readings	±0.5% of reading or <±0.5 °C (1 °F), whichever is greater		
Power	AA battery		
Battery Life	8 hours with laser and backlight on		
Physical Specifications	Weight	255 g (8.99 oz)	
	Size	(175 x 85 x 75) mm (6.88 x 3.34 x 2.95) inches	
	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	
	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	
	Standards and Agency Approval	Compliance	EN/IEC 61010-1: 2001
		Laser Safety	FDA and EN 60825-1 Class II

Fluke 323 True-rms Clamp Meter

Specifications		
AC current	Range	400.0 A
	Accuracy	2 % ± 5 digits

		(45 Hz to 65 Hz) 2.5 % ± 5 digits (65 Hz to 400 Hz)
AC voltage	Range	600.0 V
	Accuracy	1.5 % ± 5 digits
DC voltage	Range	600.0 V
	Accuracy	1.0 % ± 5 digits
Resistance	Range	400.0 Ω/ 4000 Ω
	Accuracy	1.0 % ± 5 digits
Continuity		≤ 70 Ω
AC response		True-rms
Data hold		Yes
Size	H x W x D (mm)	207 x 75 x 34
	Max wire diameter	30 mm (600 MCM)
	Weight	265 g
Category rating		CAT III 600 V CAT IV 300 V
Warranty		Two-year

Fluke 1AC-II VoltAlert

Specifications	
Operating principle	Senses the steady state electrostatic field produced by ac voltage through insulation without requiring contact to the bare conductor. A red glow at the tip and a beeping noise (if not switched OFF) indicates the presence of voltage.
Voltage sensing ranges	Nominally, 90 V AC to 1000 V AC or 200 V AC to 1000 V AC depending on model, 45 Hz to 405 Hz; also a 20 V to 90 V control circuit model
Detector tip style	Blade or round, depending on model
Light source	One high intensity red LED
Agency Approvals	c CSA us, CE, C-Tick
Safety Rating	1000 V, CAT IV
IP Rating	IP 40
Operating Temperature	-10 °C to 50 °C
Operating humidity ranges	0 % to 95 % (0 °C to 30 °C) 0 % to 75 % (30 °C to 40 °C) 0 % to 45 % (40 °C to 55 °C)
Operating Altitude	3000 meters
Batteries	2 AAA alkaline batteries included