

Teknik veriler

Fluke 62 MAX+/T+PRO/1AC IR Thermometer, T+PRO Voltage Continuity Tester and Voltage Detector Kit



Temel özellikler

Fluke 62 MAX+ Infrared Thermometer

- Dust and water-resistant: IP54 rated.
- Rugged: 3-meter (9.8-foot) drop tested.
- Ergonomically designed: Completely redesigned for a more natural hand fit.
- Distance to spot: 12:1.
- Dual lasers: Identifies area to be measured.
- Large, backlit display: Makes data easier to read, even in dark areas.

Fluke T+PRO Voltage and Continuity Tester

- 3 forms of AC/DC voltage detection: light, sound, and vibration.
- Extra heavy-duty, replaceable test leads.
- CAT IV 600, CAT III 1000 V safety rated.
- Continuity beeper.

Fluke 1AC-II VoltAlert™ Non-Contact Voltage Detector

- Voltbeat™ technology and continuous self-test, so always know it's working.
- Upon detection of voltage, tip glows and beeper sounds.

- Voltage detection of 90 to 1000 VAC.
- CAT IV 1000 V for added protection.

Fluke C115 Soft Case

- Lightweight soft case to provide optimal protection and accessory storage.

Ürün İncelemesi: Fluke 62 MAX+/T+PRO/1AC IR Thermometer, T+PRO Voltage Continuity Tester and Voltage Detector Kit

The rugged Fluke 62 MAX+ IR thermometer teamed with the full featured T+PRO voltage continuity tester and the easy-to-use 1-AC-II non-contact voltage detector, has everything you need to solve problems quickly. Use the IR thermometer to test for overheating in electrical devices, next use the electrical test tools to learn more about the problem safely and conveniently.

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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%)	< 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 baery	
Baery 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 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 baery)	
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 T+PRO Electrical Testers

Specifications		
Temperature	Operating	-10°C to 55°C (14°F to 131°F)
	Storage	-30°C to 60°C (-22°F to 140°F)
Relative humidity	0°C to 30°C (32°F to 86°F): 90%	
	30°C to 40°C (86°F to 104°F): 75%	
	40°C to 50°C (104°F to 122°F): 45%	
Altitude	Operating	2,000 m (approx. 6,561.6 ft)
	Storage	10,000 m (approx. 32,808.4 ft)
Baery type/life	AAA (2); 40 hours	
Shock, vibration	Sinusoidal vibration per MIL-PRF-28800F for a Class 2 instrument	
Safety	ISA-82.02.01 (IEC 61010-1 Mod) Second Edition, CAN/CSA-C22.2 No. 61010-1 Second Edition, IEC 61010 - 1 to 1000 V CAT III/600 V CAT IV	
	Compliance to NFPA 70E ¹	
AC bandwidth	45 Hz to 66 Hz	
Maximum working voltage	1000 V AC/DC	
Maximum measurable voltage	600 V AC/DC	
Duty cycle	Indefinitely for voltages up to 240 V	
	For voltages between 240 V and 600 V the duty cycle is 30 s on / 300 s off	
	For voltages above 240 V the tester must connect to a voltage source only for a MAXIMUM of 30 s and then disconnect for a MINIMUM of 300 s	
Voltage hazard LED	LEDs tu on at voltages > 30 V AC/DC ±35%	
LED voltage indication levels	12 V, 24 V, 48 V, 120 V, 208 V, 240 V, 277 V, 480 V, 600 V	
LED voltage indication levels for Canadian version	12 V, 24 V, 48 V, 120 V, 208 V, 240 V, 347 V, 480 V, 600 V	
LEDs	LEDs tu on between 90% and 100% of the indicated voltage on the LED, except for the 12 V LED which tus on between 50% and 100%	

LCD accuracy on T+PRO only	AC voltage	±(3% rdg + 2 digits)
	DC voltage	±(2% rdg + 2 digits)
	Resistance	±(5% rdg + 3 digits)
LCD resolution	0.1 V for voltages < 50 V, 1 V for voltages ≥ 50 V 0.01 kΩ for resistance measurement (For T+PRO Only)	
GFCI test current	100 V - 150 V @ 6 mA - 9 mA AC, 150 V - 240 V < 12 mA	
Standard input test current	< 5 mA	
Size (H x W x L)	1.3 x 2.15 x 7.6 in (3.3 x 5.46 x 19.3 cm)	
Weight	9.9 oz (0.28 kg)	
1. When used properly per Article 110.9 Use of Equipment (A) Test Instruments and Equipment.		

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 VAC to 1000 VAC or 200 VAC to 1000 VAC depending on model, 45 Hz to 405 Hz; also a 20 V to 90 V cool 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	
Baeries	2 AAA alkaline baeries included	
Product does not respond to random electrostatic discharge.		

Modeller



Fluke 62 MAX+/T+PRO/1AC

System Cal Report, Thermistors

Includes:

- Fluke 62 MAX+ IR Thermometer
 - Fluke T+Pro Electrical Tester
 - Fluke 1AC II VoltAlert Voltage Detector
 - C115 Soft Case
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Fluke. *Keeping your world up and running.®*

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