

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



## Ключевые особенности

### Fluke 62 MAX+. Small in size. Big on toughness.

- 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 323 True-rms Clamp Meter. Rugged. Reliable. Precise.

- 400 A AC current measurement.
- 600 VAC and DC voltage measurement.
- True RMS AC voltage and current for accurate measurements on non-linear signals.
- Resistance measurement up to 40 kΩ with continuity detection.
- Slim, ergonomic design.
- CAT IV 300V/CAT III 600 V safety rating.

### Fluke 1AC II VoltAlert™ Voltage Detector

- Voltbeat™ technology and continuous self-test, so always know it's working.
- Upon detection, 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.

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

This kit is designed to help electricians and HVAC technicians solve problems quicker. Test first for overheated electrical devices using an IR thermometer; then use the clamp meter and voltage detector to find out more about the problem

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

### 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 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 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	
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	<b>Compliance</b>	EN/IEC 61010-1: 2001
	Laser safety	FDA and EN 60825-1 Class II

### Fluke 323 True RMS Clamp Meter

Specifications		
AC current	<b>Range</b>	400.0 A
	Accuracy	2% $\pm$ 5 digits (45 Hz to 65 Hz) 2.5% $\pm$ 5 digits (65 Hz to 400 Hz)
AC voltage	<b>Range</b>	600.0 V
	Accuracy	1.5% $\pm$ 5 digits
DC voltage	<b>Range</b>	600.0 V
	Accuracy	1.0% $\pm$ 5 digits
Resistance	<b>Range</b>	400.0 $\Omega$ / 4000 $\Omega$
	Accuracy	1.0% $\pm$ 5 digits
Continuity		$\leq$ 70 $\Omega$
AC response		True-rms
Data hold		Yes
Size	<b>H x W x D (mm)</b>	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 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 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	<b>0% to 95%</b>	(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	
Product does not respond to random electrostatic discharge.		

## Модели



### **Fluke 62 MAX+/323/1AC Kit**

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Includes:

- Fluke 62 MAX+ IR Thermometer
- Fluke 323 True-rms Clamp Meter
- Fluke 1AC II VoltAlert Voltage Detector
- C115 Soft Case

**Fluke. Keeping your world up and running.®**

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