

ref. 54557
VOLTAGE TESTER
Description

This portable device is designed to measure electrical voltage in circuits, power outlets, cables, and other electrical devices. With its digital display and measuring probes, the voltage tester provides accurate voltage readings.

Advantages

- ✓ Ease of use
- ✓ Versatility
- ✓ Precisión

Technical Specifications


LED voltage range	12V to 1000V AC/DC
LED resolution	±12,24,50,120,230,400,690,1000V AC/DC
Tolerances	Complies with EN 61243-3:2014
Frequency range	0/40Hz to 400Hz
Response time	≤1 second
Auto power on	Auto power on ≥12V AC/DC
Voltage detection	Automatic
Polarity detection	Full range
Range detection	Automatic
Internal basic load impedance	Maximum 3.5 mA at 1000 V
Peak current	350 KΩ / Is<3.5 mA (no RCD tripping)
Operation time	30 seconds
Recovery time	240 seconds
Continuity test	0 to 400 KΩ
Accuracy	Nominal resistance +50%
Test current	≤5 μA
Switchable load	~ 7 KΩ
Peak current	Is (load)= 150mA
RCD tripping	~ 30mA@230V
Single-pole Phase	100V to 1000V AC
Frequency range	50hz to 400Hz
Rotary field indication	
Voltage range (LEDs)	100-1000V
Frequency range	50/60Hz
Measurement principle	Double-pole and contact electrode



TECHNICAL SHEET

Safety standards	EN61243-3:2014
Overvoltage protection	1000V AC/DC
Measurement category	CATIII 1000V/CATIV 600V
Protection degree	IP64
Power supply	2x1.5V "AAA" Batteries
Power consumption	Max. 30ma/ approx. 250mW
Temperature range	-10°C up to 55°C
Humidity	Max. 85% relative humidity