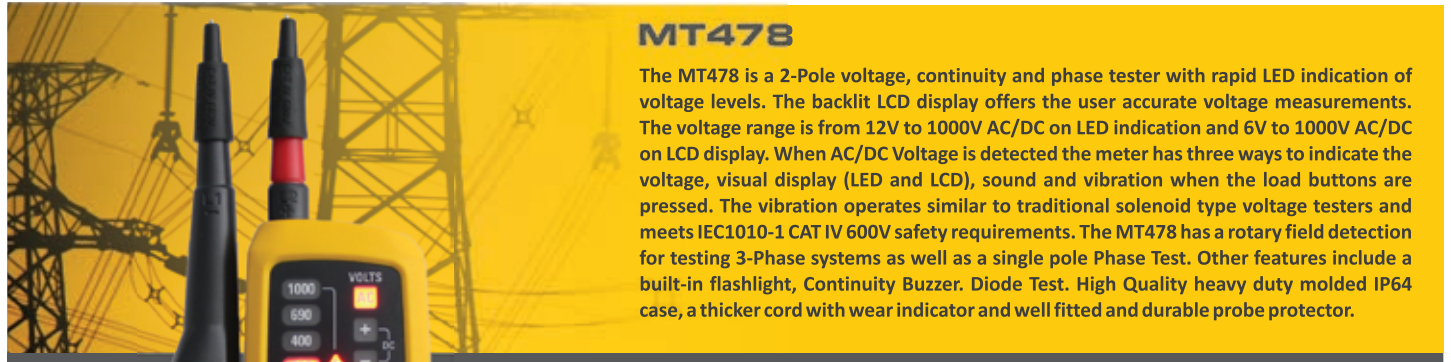


LED Voltage Tester

1000V ACV/DCV



Technical Datasheet

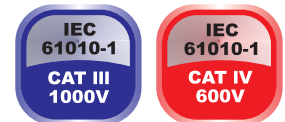


MT478

The MT478 is a 2-Pole voltage, continuity and phase tester with rapid LED indication of voltage levels. The backlit LCD display offers the user accurate voltage measurements. The voltage range is from 12V to 1000V AC/DC on LED indication and 6V to 1000V AC/DC on LCD display. When AC/DC Voltage is detected the meter has three ways to indicate the voltage, visual display (LED and LCD), sound and vibration when the load buttons are pressed. The vibration operates similar to traditional solenoid type voltage testers and meets IEC1010-1 CAT IV 600V safety requirements. The MT478 has a rotary field detection for testing 3-Phase systems as well as a single pole Phase Test. Other features include a built-in flashlight, Continuity Buzzer, Diode Test, High Quality heavy duty molded IP64 case, a thicker cord with wear indicator and well fitted and durable probe protector.

Features

- 2000 Count LCD display
- LCD Indication to 6V to 1000V AC/DC
- Fixed impedance -200kΩ ($\leq 3,5\text{mA}@1000\text{V}$)
- Switchable load by 2 push buttons (30mA@230V)
- Vibration during load
- Rotary field direction
- Flash light
- 4mm probe tip thickness



Accessories



Instruction Manual



2 x AAA 1.5V Batteries

General Specifications

FUNCTION	RANGE
Digital Display	2000 LCD
DC Voltage	6 to 1000V
DC Voltage Accuracy	$\pm(3.0\% +5)$
AC Voltage	6 to 1000V
AC Voltage Accuracy	$\pm(3.0\% +5)$
Rotary Field	100 - 400V
RCD Test	30mA@230V
Resistance	0-1999Ω
Continuity Resolution	$\leq 400\text{k}\Omega$
AC Bandwidth	50Hz - 60Hz
Low Input Impedance	$< 6\text{k}\Omega$
Enclosure	IP64
Power Source	2 x R03
Size	240 x 78 x 30mm
Weight	237g



4mm Screw on Test Probes for more robust application



Test Probe cover and accessories holder



Test probe covers for CAT IV 600V



Screw in Test probes and Test Probe cover

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