



MT478 Voltage Tester

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
- LED Indication to 12V to 1000V AC/DC
- Fixed impedance -200k Ω ($\leq 3.5\text{mA}@1000\text{V}$)
- Switchable load by 2 push buttons (30mA@230V)
- Vibration during load
- Rotary field direction
- Flash light
- 4mm probe tip thickness

Function	Range	Accuracy
DC Voltage	12V to 1000V	$\pm(3.0\% +5)$
AC Voltage	12V to 1000V	$\pm(3.0\% +5)$
Rotary field	100V to 400V	
RCD Test	30mA@230V	
Resistance	0-1999 Ω	
Continuity resolution	$\leq 400\text{k}\Omega$	
AC Bandwidth	50/60Hz	
Digital Display	2000 LCD	
Low Input impedance	$<6\text{k}\Omega$	
Size	240 x 78 x 30mm	
Weight	237g	



2000 Count Backlit
LCD Display



1000V AC/DC



Rotary Field Indication,
Continuity & Low Impedance



4mm Screw on
Probe Tip Extension



LED Flashlight



MT478 | **1000V Voltage Tester**

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