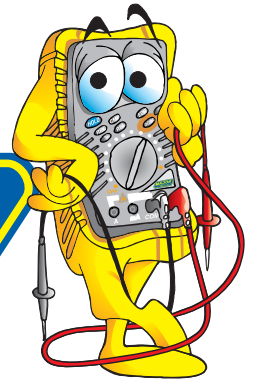


Cable Tester Networking Tool



Technical Data

MTC45

The MTC45 is a 2 in 1 Tone and Probe generator as well as an auto ranging multimeter. The meter tests include wire trace, continuity test, clear/busy ringing, line test and tip/ring identification. The unit is supplied with crocodile clips for non-terminated cables and modular connectors for direct connections to telephone and internet wiring. The DMM can measure AC/DC volts, AC/DC current, Resistance Diode and has a continuity buzzer.

Features Include:

- 2 in 1 Tone and Probe Generator and Digital Multimeter
- Tests include wire trace, continuity test, clear/busy/ringing line test and tip/ring identification
- Alligator clips for non-terminated cables and modular connectors for direct connections to telephone or internet wiring
- Built-in speaker on probe with sensitivity control
- Selectable continuous or variable tone generation
- Insulated inductive probe tip prevents shorting conductors
- Measures ACV and DCV up to 600V, ACA and DCA up to 200mA, Resistance to 20MΩ, Diode and Continuity
- RJ45 and RJ11 modular connectors

General Specifications

Max input voltage	: 600V AC/DC
Diode Test	: Test current 1mA max., open circuit voltage of 1.5V typical
Continuity Check	: Audible signal if the resistance is <150Ω
Display	: 2000 count 3 - 1/2 digit LCD
Over Range Indication	: LCD displays "OL"
Polarity	: Minus (-) sign for negative polarity
Low Battery Indication	: "BATT" symbol indicates low battery condition
Input Impedance	: >7.5MΩ (VDC & VAC)
AC Response	: Average responding
ACV Bandwidth	: 50Hz to 60Hz
Auto Power Off	: 15 minutes (approximately)
Fuse	: mA, μA ranges; 0.2A/250V fast acting fuse
Tone Output	: continuity: 800-860Hz : wobble: 800-1050Hz
Batteries	: two 9V batteries and two "AAA" batteries
Operating Temperature	: 0°C to 40°C (32°F to 104°F)
Storage Temperature	: -10°C to 50°C (14°F to 122°F)
Weight	: 328g
Size	: 162mm X 74.5mm X 44.0mm
Standard	: IEC61010-1 CAT III-600V Pollution degree II, CE Approved



Function	Range	Accuracy
DC Voltage	200mV	$\pm(0.5\%rdg + 3d)$
	2.000V, 20.00V	$\pm(1.0\%rdg + 3d)$
	200.0V, 600V	$\pm(1.0\%rdg + 3d)$
AC Voltage 50-60Hz	2.000V, 20.00V	$\pm(1.0\%rdg + 5d)$
	200.0V, 600V	$\pm(1.5\%rdg + 10d)$
DC Current	200.0 μ A, 2000 μ A	$\pm(1.5\%rdg + 3d)$
	20.00mA, 200.0mA	$\pm(2.0\%rdg + 3d)$
AC Current	200.0 μ A, 2000 μ A	$\pm(1.8\%rdg + 8d)$
	20.00mA, 200.0mA	$\pm(2.5\%rdg + 8d)$
Resistance	200.0 Ω	$\pm(0.8\%rdg + 5d)$
	2.000k Ω , 20.00k Ω , 200.0k Ω	$\pm(1.2\%rdg + 3d)$
	2.000M Ω	$\pm(2.0\%rdg + 5d)$
	20.00M Ω	$\pm(5.0\%rdg + 8d)$

Ordering Information

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