

Tone and Probe Tester



Technical Datasheet



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 auto range digital multimeter 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 20M Ω , Diode and Continuity
- RJ11 modular connectors



Function	Range	Accuracy
DC Voltage	200mV - 600V	$\pm(1.0\% +3)$
AC Voltage	200mV - 600V	$\pm(1.0\% +5)$
DC Current	200.0 μ A - 200.0mA	$\pm(1.5\% +3)$
AC Current	200.0 μ A - 200.0mA	$\pm(1.8\% +8)$
Resistance	200.0 Ω - 20M Ω	$\pm(1.2\% +3)$
Tone Output	Beep is less than 100 Ω Continuity: 800 ~ 860Hz Wobble: 800 ~ 1050Hz RJ45 and RJ11	
Battery	Generator: 9V Battery, 2 x AA Batteries,Probe: 9V Battery	
Size (L x W x D)	162 x 75 x 44mm (Generator) 228 x 57 x 25mm (PROBE)	
Weight	328g	

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