



MT878

4-in-1 Finder and Multimeter

TRUERMS

The MT878 is an auto ranging multimeter integrated with a Stud and Metal detector as well a NCV detector, being a useful tool for professionals across diverse industries. Quickly locates studs behind walls, pinpoint metal objects buried in surfaces, and safely detect AC wires with confidence. The DMM function makes it easy to measure AC Volts, DC Volts, AC and DC Current, Resistance, Temperature, Capacitance, Continuity and Diode Test. In addition a LoZ setting eliminates errors caused by "ghost" voltages. The meter also has a clamp adaptor range which allows the optional MT783 to extend current reading up to 400A AC and DC.



Features

- Stud scanning range from 0-38mm² through drywall.
- Metal scanning range from 0-76mm² (Ferromagnetic) and 0-38mm² (Non-Ferromagnetic)
- Live Unshielded AC Wire scanning range from 0-50mm²
- Multi-colour LEDs and buzzer to indicate the presence of studs, metal, & Live Unshielded AC Wires.
- Current Clamp Measurement: Allows current measurement without breaking the circuit using MT783 optional extra.
- Lo Z AC/DC Voltage Setting, used to check for "ghost" voltages caused by capacitive coupling.
- Square wave output for clear frequency output and control, & digital logic testing.
- Comprehensive Measurements incl. AC/DC voltage and current, resistance, continuity, capacitance, frequency, duty cycle, temperature, diode test, square wave signal output.

Function	Range
Insulation	Class 2, Double Insulation
Diode Test	Test current approx. 1mA open circuit voltage of 3V typical
Continuity Test	Buzzer if the resistance is <50Ω
Display	4000 counts backlit LCD with bar grap
Measurement Rate	3 readings per second, nominal
Auto Power Off	Approx. 15 minutes
Input Impedance	>10MΩ AC and DC Voltage
AC Response	True RMS
AC Voltage Bandwidth	50Hz to 1kHz
AC Current Bandwidth	50Hz to 400Hz
Battery	1 x 9V
Safety	Complies with UL 61010-1 v.3 for measurement Category III 600V, Pollution Degree 2
Dimensions	165 x 70 x 45mm
Weight	326g



LED's Illuminate once Stud, Metals & Live AC Wires are Detected



4000 Count Backlit LCD with 41 Segment Bargraph



Tilt Stand

MT878 | **Stud, Metal & Live Wire Finder & Multimeter**

Contact Us
South Africa

🌐 www.major-tech.com ✉ sales@major-tech.com

Australia

🌐 www.majortech.com.au ✉ info@majortech.com.au