

Digital Multimeter (DMM)

A digital multimeter (DMM) is a test tool used to measure two or more electrical values—principally voltage (volts), current (amps) and resistance (ohms). It is a standard diagnostic tool for technicians in the electrical/electronic industries.

Digital multimeters combine the testing capabilities of single-task meters—the voltmeter (for measuring volts), ammeter (amps) and ohmmeter (ohms).

Parts of Multimeter

Display:

Display that shows the value of the electrical property we are measuring.

COM stands for common and is almost always connected to Ground or '-' of a circuit. The COM probe is conventionally black.

10A is the special port used when measuring large currents (greater than 200mA).

mAV is the port that the red probe is conventionally plugged in to. This port allows the measurement of current (up to 200mA), voltage (V), and resistance (ohms).



A Dial that turns to determine the electrical property you are measuring such as milliamps (mA) of current, voltage (V) and resistance and continuity.

Ports: DMM probes are plugged into two of the ports on the front of the unit.

Multimeter probes

This end of the probes will be connected to components.



This end of the probes are attached to the Ports of the DMM.

Life must continue. And continue towards perfection, through progress, evolution, through self-initiative. Impatience can not lead to do that. Frustration is its enemy.

