

# About Multimeters

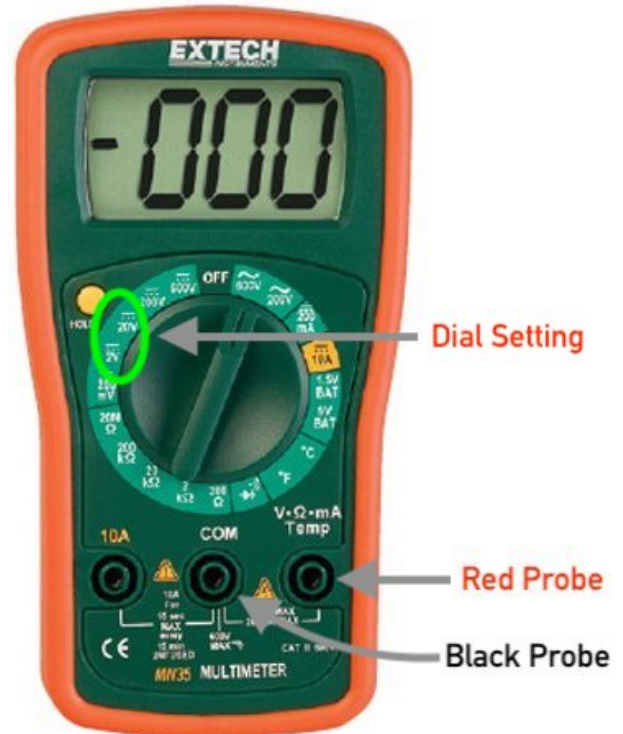
A multimeter got its name because it can measure both voltage and current, hence it is a multimeter. However, because voltage and current are two different things YOU have to setup the multimeter for which ever measurement you are taking.

## Voltage measurements

In order to make a voltage measurement there are two things you need to do to setup the multimeter:

- You must set the dial to the appropriate setting.
- You must connect the wires to the appropriate outputs on the meter.

The other thing you must do is to know that the multimeter will measure the voltage **ACROSS** or **BETWEEN** the two probes.



## Current measurements

In order to make a current measurement there are two things you need to do to setup the multimeter:

- You must set the dial to the appropriate setting.
- You must connect the wires to the appropriate outputs on the meter.

The other thing you must do is to know that the multimeter will measure the current **THROUGH** the two probes. This means that you must break the circuit and insert the current meter in to the circuit.

