



100 Digital Multimeter

The 100 will automatically determine the proper function and range. To measure AC / DC Voltage with the 100 follow these steps:

Note: For Auto mode to operate properly, DC voltage must be between +0.7 and 600V. AC voltage must be between 3V and 500V.

1. Disconnect power to circuit to be measured.
2. Plug black test lead into the **COM** input jack.
3. Plug the red test lead into the **V/Ω** input jack.
4. Turn the meter on by pressing the On/Off button.
5. Connect test leads to circuit to be measured.
6. Reconnect power to circuit to be measured.
7. Read the voltage on the TPI 100.

When there is no power to the circuit the 100 will automatically measure resistance. Follow these steps to measure resistance:

1. Disconnect power to circuit to be measured.
2. Plug black test lead into the **COM** input jack.
3. Plug the red test lead into the **V/Ω** input jack.
4. Turn the meter on by pressing the On/Off button.
5. Connect test leads to circuit to be measured.
6. Read the resistance on the TPI 100.