

Operation

The Line Splitter provides a means to cleanly "open" a standard 120V AC line cord in order to make clamp type current measurements. When connected between the 120V AC wall outlet and the device under test, a clamp meter can then be clamped around one of the two test openings in the Splitter. One opening provides a one-to-one current reading and the other provides a times-ten (X10) reading so that small current will display with better resolution on a clamp meter.

Current Measurements

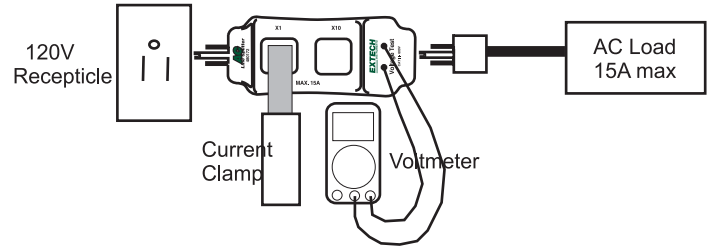
1. Plug the AC Line Splitter into the 120V receptacle
2. Plug the line cord from the load into the AC Line Splitter socket
3. Close the Clamp-on jaws around either the X1 or X10 arm of the AC Line Splitter
4. If the X1 position is used, read the current directly on the meter
5. If the X10 position is used, divide the meter reading by 10 to obtain the actual current

Voltage Measurements

1. Plug the AC Line Splitter into the 120V receptacle
2. Insert the multimeter test leads into the two Voltage Test jacks
3. Read the voltage on the multimeter.

Specifications

Voltage	120V +/-10%
Current	15Amps max
Temperature	Operating; 41°F to 104°F (5°C to 40°C) Storage; -4°F to 140°F (-20°C to 60°C)
Humidity	Operating; Max 80% up to 87°F (31°C) decreasing linearly to 50% at 104°F (40°C), Storage; <80%
Altitude	Operating; 7000ft. (2000) meters maximum.
Dimensions:	5.25 x 2 x 1" (133 x 51 x 25mm)
Weight	0.753lb (342g) (includes holster).
Safety	For indoor use and in accordance with the requirements for double insulation to IEC1010-1 (1995): EN61010-1 (1995) Overvoltage Category II, Pollution Degree 2.



International Safety Symbols



Refer to the manual for further information



Double insulation



99 Washington Street
Melrose, MA 02176
Phone 781-665-1400
Toll Free 1-800-517-8431

[Visit us at www.TestEquipmentDepot.com](http://www.TestEquipmentDepot.com)

[Back to the Extech 480172 Product Page](#)