

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

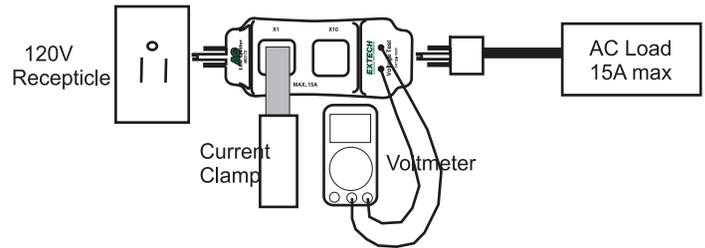
1. Plug the AC Line Splitter into the 120V receptacle
2. Plug the line cord from the load into the AC Line Splitter socket
3. Close the Clamp-on jaws around either the X1 or X10 arm of the AC Line Splitter
4. If the X1 position is used, read the current directly on the meter
5. If the X10 position is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

Warranty

EXTECH INSTRUMENTS CORPORATION warrants this instrument to be free of defects in parts and workmanship for one year from date of shipment (a six month limited warranty applies on sensors and cables). If it should become necessary to return the instrument for service during or beyond the warranty period, contact the Customer Service Department at (781) 890-7440 ext. 210 for authorization or visit our website at www.extech.com (click on 'Contact Extech' and go to 'Service Department' to request an RA number). A Return Authorization (RA) number must be issued before any product is returned to Extech. The sender is responsible for shipping charges, freight, insurance and proper packaging to prevent damage in transit. This warranty does not apply to defects resulting from action of the user such as misuse, improper wiring, operation outside of specification, improper maintenance or repair, or unauthorized modification. Extech specifically disclaims any implied warranties or merchantability or fitness for a specific purpose and will not be liable for any direct, indirect, incidental or consequential damages. Extech's total liability is limited to repair or replacement of the product. The warranty set forth above is inclusive and no other warranty, whether written or oral, is expressed or implied.

Copyright © 2003 Extech Instruments Corporation.

285 Bear Hill Rd., Waltham, MA 02451

All rights reserved including the right of reproduction in whole or in part in any form.

Website: www.extech.com Email: support@extech.com Rev 1.3 04/03

airconcern

more info for Extech 480172

Phone: 01235 838 555

Email: cs@airconcern.co.uk

Web: www.airconcern.co.uk

Air Concern Ltd, Building 173 Curie Avenue Harvell Didcot, Oxfordshire