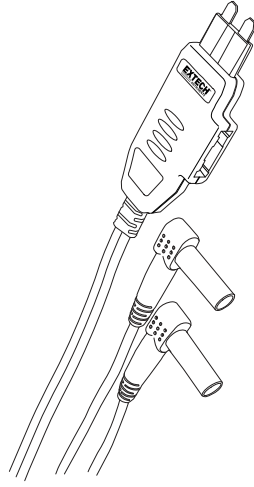


Model AUT-TL / AUT-TLM Automotive Fuse Adaptor



Features

- 80cm (2.6 ft.) connector cable with standard shrouded right angle banana plugs (1)
- Blade connector (3)
- Fuse jack (2)
- Measuring range up to 20A/48VDC
- The AUT-TL works with the ATC sized fuses, whereas the AUT-TLM works with mini-sized fuses.

Safety

WARNING: Risk of Electrocutation. Keep hands and fingers on the body of the connector and away from the probe tips

CAUTION: Read, understand and follow Safety Rules and Operating Instructions in this manual before using this product.

Do not attempt to repair this unit. There are no user serviceable parts.

Do not expose the unit to extreme temperatures or high humidity

Do not use the unit if it is wet or damaged

Do not apply more than the rated voltage to the connector



This symbol, adjacent to another symbol or terminal, indicates the user the user must refer to the manual for further information.



This symbol, adjacent to a terminal, indicates that, under normal use, hazardous voltages may be present



Double insulation

USER GUIDE

Warranty

FLIR Systems, Inc. warrants this Extech Instruments brand device to be free of defects in parts and workmanship for one year from date of shipment (a six month limited warranty applies to 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 for authorization. Visit the website www.extech.com for contact information. A Return Authorization (RA) number must be issued before any product is returned. 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. FLIR Systems, Inc. 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. FLIR'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.

Calibration, Repair, & Customer Care

FLIR Systems, Inc. offers repair and calibration services for the Extech Instruments products we sell. NIST certification for most products is also provided. Call the Customer Service Department for information on calibration services available for this product. Annual calibrations should be performed to verify meter performance and accuracy. Technical support and general customer service is also provided, refer to the contact information provided below.

Support Lines: U.S. (877) 439-8324
International: +1 (603) 324-7800

Technical Support: Option 3; E-mail: support@extech.com
Repair & Returns: Option 4; E-mail: repair@extech.com

Product specifications are subject to change without notice
Please visit our website for the most up-to-date information

www.extech.com

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Specifications

Range	0 to 20A, 48VDC
Operating Temp.	0 to 50°C (32 to 122°F)
Storage Temp.	-20 to 60°C (-4 to 140°F)
Altitude	2000m (7000 ft.) maximum
Relative Humidity	80% up to 31°C, decreasing to 50% at 50°C
Dimensions	112 x 45 x 33mm (4.4" x 1.8" x 1.3")
Weight	165g (0.4lbs)
Resolution	0.1A

Operating Instructions

The AUT-TL / AUT-TLM in combination with a standard Multimeter allows the user to check automotive current up to 20A without breaking the circuit.

1. Connect the two shrouded right-angle banana jack test leads (1) to any Multimeter that offers a 20A current input.
2. Ensure that the vehicle's ignition is in the OFF position.
3. Remove the fuse or mini fuse for the circuit under test from the vehicle's fuse box and carefully set it aside.
4. Plug the blade connector (3) directly into the fuse box jack where the fuse was removed.
5. Connect the removed fuse to the fuse jack (2) on the side of the connector.
6. Turn the vehicle's ignition ON and run the circuit under test for 10 seconds maximum.
7. Read the current value on the Multimeter's display.

