

Thank you for purchasing a Sealey product. Manufactured to a high standard this product will, if used according to these instructions and properly maintained, give you years of trouble free performance.



**IMPORTANT PLEASE READ THESE INSTRUCTIONS CAREFULLY. NOTE THE SAFE OPERATIONAL REQUIREMENTS, WARNINGS, AND CAUTIONS. USE THIS PRODUCT CORRECTLY, AND WITH CARE FOR THE PURPOSE FOR WHICH IT IS INTENDED. FAILURE TO DO SO MAY CAUSE DAMAGE, OR PERSONAL INJURY, AND WILL INVALIDATE THE WARRANTY.**



**Environmental Protection.**

Recycle unwanted materials instead of disposing of them as waste. All tools, accessories and packaging should be sorted, taken to a recycle centre and disposed of in a manner which is compatible with the environment.

When the product is no longer required, it must be disposed of in an environmentally protective way.

Take to your local recycling centre to be disposed of properly.

Do not incinerate battery as it may explode when exposed to fire.

Do not attempt to open battery.

**WARNING! Suitable only for automotive circuits. Not suitable for 110 - 230V applications.**

**1. SAFETY INSTRUCTIONS**

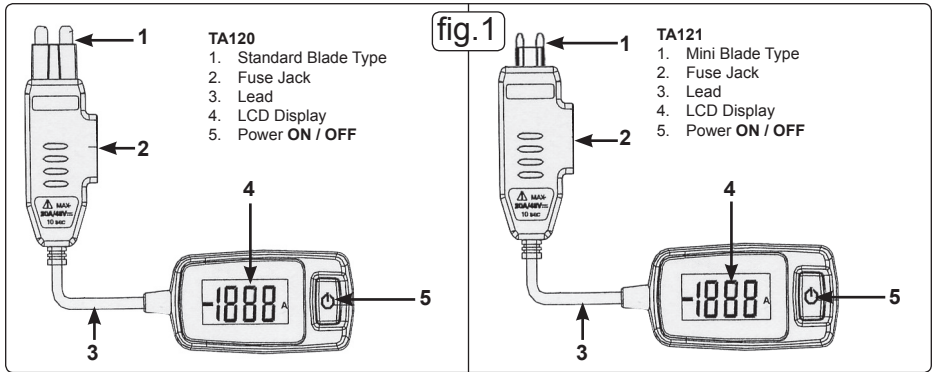
- ✓ Observe standard workshop safety procedures when using the TA120/121.
- WARNING! The Fuse blade may become hot during testing. Allow to cool before removing.**
- WARNING! DO NOT** exceed Maximum Load: 20A/48V for Max 10sec.
- ✓ Ensure vehicles ignition, is switched **OFF**, before connecting or disconnecting TA120/121.
- ✓ Keep the work area clean, uncluttered and ensure there is adequate lighting. Keep tools and other items away from the engine, and ensure you can see the battery and working parts of engine clearly.
- ✓ Maintain correct balance and footing. Ensure the floor is not slippery and wear non-slip shoes.
- ✓ Remove ill fitting clothing. Remove ties, watches, rings and other loose jewellery. Contain or tie back long hair.
- ✓ Keep children and unauthorised persons away from the working area.
- x **DO NOT** disassemble. TA120/121 must be checked by qualified service personnel only.
- x **DO NOT** get TA120/121 wet or use in damp or wet locations or areas where there is condensation.
- x **DO NOT** use TA120/121 for any purpose other than for which it is designed.
- x **DO NOT** pull by the cables to free from the fuse terminals.
- x **DO NOT** operate TA120/121 if damaged.
- ✓ When not in use store in a safe, dry, childproof location.
- WARNING! The warnings, cautions and instructions referred to in this manual cannot cover all possible conditions and situations that may occur. It must be understood that common sense and caution are factors which cannot be built into this product, but must be applied by the operator.**

**2. INTRODUCTION / SPECIFICATION**

Fast, accurate and safe current measurement at the fuse box. Ideal for fault-finding on car and commercial vehicle electrical circuits. Features large LCD display. Plugs straight into the vehicle's fuse board.

- Range: ..... 0-20A - 0-48Vdc
- Max Load: ..... 20A/48Vdc for Max 10sec
- Accuracy: ..... ± 2% reading + 2 digits
- Fuse Type: ..... TA121: Mini, TA120: Standard
- Operating Temp: ..... 0°C to 50°C (32°F to 122°F)
- Storage Temp: ..... -20°C to 60°C (-4°F to 140°F)
- Relative Humidity: ..... <70% operating, <80% storage
- Operating Altitude: ..... 7000ft (2000 meters) maximum





### 3. OPERATION

#### 3.1 Measuring

- 3.1.1 With the vehicle ignition **OFF**, remove the fuse from the circuit to be tested and insert it into the fuse jack (fig.1.2), this ensures the correct level of circuit protection.
- 3.1.2 Insert the plug into the vehicle fuse socket.
- 3.1.3 Switch on the vehicle ignition if required, to energise the circuit and then switch on the tester fig.1.5.
- 3.1.4 Operate the circuit under test and the LCD will display the measured current.

**WARNING!** The Fuse blade may become hot during testing. Allow to cool before touching.

### 4. MAINTENANCE

#### 4.1 Battery Replacement

Power is supplied by a 12V A23S battery. The 'BAT' symbol appears on the LCD display when replacement is required.

**WARNING!** To avoid electric shock ensure all inputs are disconnected from any circuit before removing the battery cover.

To replace the battery, remove the screw from the back of the unit and remove the cover. Remove the exhausted battery and replace with a new observing the connection polarity. Replace cover.

**NOTE!** Dispose of old battery according to local authority guidelines.

#### 4.2 Cleaning

Clean using a soft damp cloth.  
Store in a safe, dry, childproof location.

Declaration of Conformity We, the sole importer into the UK, declare that the product listed here is in conformity with the following standards and directives.

**Model: TA120, TA121**

2002/95/EC RoHS Directive  
2002/96/EC WEEE Directive  
93/68/EEC CE Marking Directive



The construction file for this product is held by the Manufacturer and may be inspected, by a national authority, upon request to Jack Sealey Ltd.



Signed by Tim Thompson  24th November 2008

For Jack Sealey Ltd. Sole importer into the UK of Sealey Power Products.

**NOTE:** It is our policy to continually improve products and as such we reserve the right to alter data, specifications and component parts without prior notice. **IMPORTANT:** No liability is accepted for incorrect use of product. **WARRANTY:** Guarantee is 12 months from purchase date, proof of which will be required for any claim. **INFORMATION:** For a copy of our latest catalogue and promotions call us on 01284 757525 and leave your full name and address, including postcode.



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