

Technical:

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| 1. AC Voltage test: | Contact method from 70-250VAC
Non-Contact method from 70-600VAC |
| 2. DC Voltage Test: | Up to 250VDC |
| 3. Polarity Test: | 1.5V - 36VDC |
| 4. Continuity Check: | 0-50MΩ |
| 5. Microwave Leakage Detection: | ≥5mW/cm ² |

Important Information Before Operation:

1. A 'Self Test' must always be performed before each use to ensure the multi-tester is working correctly (see instructions below).
2. Correct measurement is only guaranteed within a temperature range of 0°C to +40°C (32°F to 104°F) and the frequency range of 50 to 500Hz
3. The LED indicator visibility can be reduced in bright light.
4. The multi-tester should not be used to test voltages above the stated rated voltage.
5. The multi-tester must not be used in wet or damp conditions.
6. If the multi-tester identifies a fault, always isolate/switch off/remove fuses. NEVER work on live apparatus and confirm isolation before you start any works.
7. Always inspect the multi-tester before use and do not use if there is any sign of damage.
8. Static electricity may be generated by rubbing the "body of the screwdriver". This will cause a faulty reading.
9. Never try to modify any components / parts inside the tester.
10. The multi-tester may only be used under the conditions and for the purposes for which it was designed.

NOTE: If in doubt contact a qualified electrician.

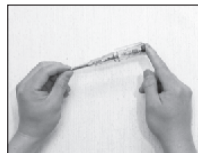
IMPORTANT:

Always follow the Standard Electrical Best Practice guidelines.
A copy of these can be found at <http://www.hse.gov.uk/electricity>

1. Initial Preparation:

Self Test

- A 'Self Test' **MUST** be performed to ensure the equipment is working correctly.
To 'Self Test', touch the multi-tester blade (Tip) with one finger and the 'Touch Pad Screw' with the other finger.



The red LED will light up if the equipment is working correctly. Do not use if the red LED doesn't light up.

- Always repeat this test to ensure the multi-tester is functioning correctly before use.
- When testing, look for a constant bright glow from the LED indicator. Static electricity may occasionally cause a flicker from the LED indicator, this is normal and can be disregarded. If an appliance fails, check that the plug is correctly wired and inspect the connecting cable. Test the fuse and ensure that it is correct ampage for the appliance. Then re-test the appliance.
- Faulty appliances should be taken to a recognised repair agent or disposed of safely in accordance with local regulations. If you are in any doubt, always contact a qualified electrician.

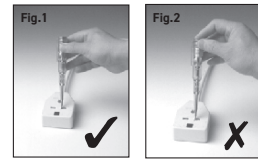
***Please retain these instructions for future reference.**

2. Testing AC Voltage:

Direct Contact Method (70-250VAC)

When testing the "TIP" MUST be in direct contact with the "live" part of the AC Voltage. A "Red" LED lights up indicating the AC Voltage.

- NOTE:** When in direct contact method mode, hold the multi-tester by the body (fig.1).
To avoid the risk of electric shock:
DO NOT touch the touch pad when testing the direct contact method (fig.2).



Non-Contact Method (70-600VAC)

Tracking a wire:

Plug in the appliance and switch on the socket. Hold the multi-tester by the tip, move the handle close to the cable starting nearest the plug top. The red LED will illuminate. Track down the cable and the LED will go out when a break in the cable is detected.

Note: The LED can flicker while performing this test.



Light Switch/Socket Testing:

To check a switch/socket, hold the multi-tester by the insulated part covering the blade, and place the handle towards switch/socket, the red LED will illuminate if power is present.

Note: Holding the tip can increase sensitivity.



Microwave Leakage Detection:

1. Place a cup of water inside the oven. (It is not safe to operate the oven empty)
2. Set the oven to 1 minute at "HIGH" and turn on.
3. Hold the multi-tester by the tip and move the tester slowly over and around the door edge and glass front of oven.
LED lights up when microwave leakage is detected.



3. Quick Appliance Continuity Test:

Quickly check your appliance plug without the need to dismantle the plug.

Unplug the appliance, (if the appliance has an ON/OFF switch make sure its in the ON position). Hold the plug by one of the two lower pins, Live/Neutral, place the tip of the multi-tester on the other pin and hold the Touch Pad end. If red LED illuminates, this shows the circuit is complete, showing the fuse is intact

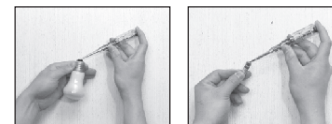
Note: the light may fade as the appliance absorbs the energy.



4. Continuity Bulb & Fuse Test:

Hold the bulb or fuse with a finger on one of the two terminal points.

Hold the multi-tester with a finger on the touch pad screw, and place the screwdriver tip against the other terminal point. The red LED indicator will glow brightly when the filament or fuse are OK.



5. DC Continuity Test

CAUTION: Disconnect equipment from any mains or high voltage power supply prior to testing
The multi-tester can check between 1.5-36 VDC

1. Polarity Check helps identify the polarity of DC Voltage.
 - To check polarity hold the body of the multi-tester with one finger on the touch pad and place the tip on a terminal of the battery, place a finger on the other terminal.
 - The LED will light up if the tip is on the positive terminal.
 - The LED will not light if the tip is on the negative terminal.



Note: Should the LED give a slight glow, when the tip is on the negative terminal, this indicates the battery is weak / drained.



* Does not light up at negative (normal)



* lights up at negative (weak/draind)

**MULTI-FUNCTION
SCREWDRIVER**

User Manual




A664072



Before using the instrument, please read this manual carefully, and save for future reference.

Limited warranty

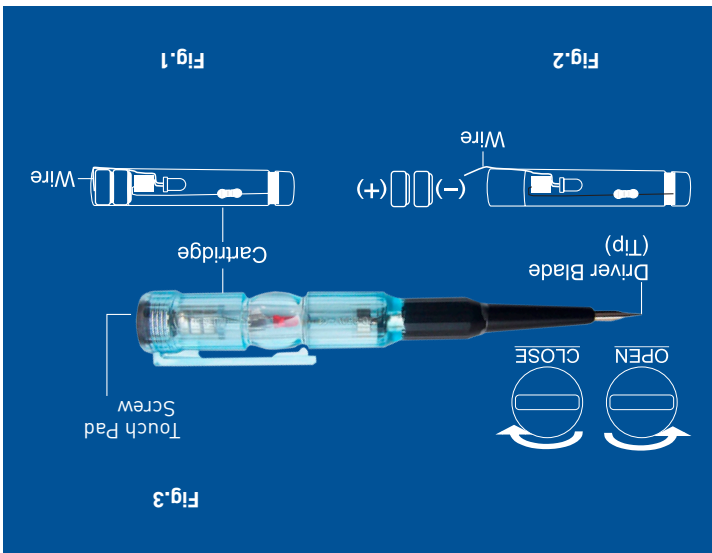
1 year warranty against any manufacturing defects or faulty workmanship. This warranty does not cover fuses, disposable batteries or damage from accident, neglect, misuse, alteration, contamination or abnormal conditions of operation or handling.

 **WEEE Directive 2012/19/EU At the end of the product life, dispose of the instrument & batteries in a corresponding recycling centre. Do not dispose of the unit with the usual domestic refuse. Do not burn the product.**



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How to replace the battery:

Unscrew the Touch Pad (fig.3) completely in an anticlockwise direction, pull out the cartridge, gently straighten the wire away from the batteries (fig2). Replace the batteries with "NEGATIVE" side at inside position and then bend the wire back (fig1). After insert the cartridge back.

CAUTION:

1. Never attempt to take out any parts, except when replacing the batteries.
2. Do not operate the tester with the Touch Pad removed.
3. Please "Secure" Touch Pad Screw (clockwise direction).

Battery Replacement:

- Type: 392A; AG3; LR41; 192; V3GA. (1.5V x 2 Alkaline or silver type).
- Battery life: Up to 5 hours of continuous operation.