



SOCKET TEST

To check that an outlet socket has power and is correctly wired, switch the socket on and hold Multi tester with the fingers on the insulated part of the blade. The red LED

should illuminate brightly when the handle end is moved close to the right hand side of the socket (Live) and fade as it moves to the left hand side (Neutral). Note: This test is not suitable for testing sockets that are fitted with metal face plate.



MICROWAVE OVEN TEST

Place a cup of water inside the oven to be tested and turn it on. Hold the Multi tester with the screwdriver tip between your fingers. Move the Multi tester slowly around

the edges of the oven door, any leakage of microwaves that are detected will cause the red LED to glow.



TELEVISIONS

Television screens produce static electricity. This is easily demonstrated by holding the Multi tester close to the screen. Always watch television from a comfortable

distance and avoid eye strain and the unpleasant effects of static.

Mains Testing

The Multi tester will test electricity up to 250 volts. Hold the Multi tester by the insulated handle, do not touch any part of the exposed metal blade. Always test the Multi tester before you start by contact with a known live power source. You do not need to touch the touch pad at the top of the Multi tester (although it is perfectly safe to do so). The red LED will glow brightly when the Multi tester metal blade is in contact with a live circuit, indicating that it is functioning correctly.

CAUTION ALWAYS OBSERVE THE FOLLOWING RULES

Never work on live apparatus

Always switch off and remove fuse from the fuse board

Confirm effective isolation before you start work
Do not attempt to use the tester outside the rated voltage range of 70 - 250 volts.

Do not use the tester in wet or damp conditions
Visibility of the indicator LED may be reduced in bright light.

Never use the tester if it has been damaged

DO NOT CARRY OUT REPAIRS OR ATTEMPT ELECTRICAL WORK UNLESS YOU ARE COMPETENT TO DO SO.

WHEN IN DOUBT ALWAYS CONTACT A QUALIFIED ELECTRICIAN.

Manufactured in accordance with VDE 0680 Part 6
Complies with BS 2559 Part 8

Multi tester

Allows you to check/test quickly and accurately the following mains features:

- AC VOLTAGE TEST: Contact method from 70 - 250v AC. Non-contact method from 70 - 600v AC
- DC VOLTAGE TEST: up to 250v DC
- POLARITY TEST: 1.5v - 36v DC
- CONTINUITY CHECK: 0 - 50M
- MICROWAVE LEAKAGE DETECTION: 5MW/cm

REPLACING BATTERIES

Unscrew the Multi tester touch pad (1) anti-clockwise. Gently straighten the wire over the batteries. Replace the batteries with 'NEGATIVE (-) side down and then bend the wire back.



CAUTION

- 1) Never attempt to take any parts out except when replacing batteries.
- 2) Do not operate the tester with the 'touch Pad' removed.
- 3) Please 'Secure' the screw tightly (clockwise direction).

BATTERY TYPES

- Type: 392A; AG3; LR41; 192; V3GA. (1.5v x 2 Alkaline or Silver type)
- Battery Life: Minimum 5 hours of continuous use

How to use your Multi tester

ALWAYS CARRY OUT A SELF TEST BEFORE USE



Always "self test" the Multi tester before you begin your tests.

Do this by touching both ends simultaneously. The red LED should illuminate indicating that the Multi tester is functioning correctly.

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 recognized repair agent or disposed of safely (always remove the plug before disposal). If you are in any doubt, always contact a qualified electrician.

Please retain these instructions for future reference.



BULB AND 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 at the top and place the screwdriver tip against the other terminal point. The red LED indicator will glow brightly when the filament is intact.



CONTINUITY TEST

This useful test will check an appliance fuse without dismantling the plug. Unplug the appliance. If the appliance has a switch place it to the ON position. Hold the plug by one of the two smaller pins (Live/Neutral). Hold the Multi tester with a finger on

the touch pad at the top and place the screwdriver tip against the other small pin. The red LED indicator will glow brightly to indicate that circuit is complete and the fuse is intact. The LED glow may then begin to fade as the appliance absorbs energy.



SHORT CIRCUIT TEST

Unplug the appliance. Hold the plug by the large pin (earth). Hold the Multi tester with a finger on the touch pad at the top and place the screwdriver tip on each of the two small pins (Live/Neutral) in turn. The red LED should NOT illuminate. If the LED glows you have a short circuit.



TRACKING A CABLE

Plug in and switch on the appliance. Hold the Multi tester with the screwdriver tip between your fingers and with the handle end close to cable move along the length of the cable. Starting at the supply end and work towards the appliance. The red LED will

illuminate, flickering occasionally and will go out when a break in cable is detected. Holding the Multi tester with fingers on the insulated part of the blade will reduce its sensitivity if required.