



- ◆ Complies with all current regulations.
- ◆ Tests Class 1 & 2 appliances (including computers) in both 'new' and 'in service' conditions.
- ◆ Tests both 240V and 110V equipment.
- ◆ Custom designed safety Flash Gun.
- ◆ Automatic or manual testing & Downloads to PC or printer.
- ◆ Bar code reader/scanner interface.
- ◆ Large memory (up to 1250 tests).
- ◆ Heavy duty carry case with removable lid.
- ◆ Clip on pannier bag for accessory storage.

Incorporating the most advanced technology, the MicroPAT allows for a selection of manual or automatic tests and stores up to 1250 test results.

The MicroPAT performs very fast and easy testing of all tools, appliances and IT equipment in accordance with the recommendations of The Electricity at Work Act, The Health & Safety Executive and The Electronic and Business Equipment Association.

Checks include measuring the phase to neutral resistance, the earth/ground continuity and the insulation resistance.

The alpha numeric tactile keypad is very simple to operate and step by step instructions are displayed on the custom LCD. Test results may be downloaded to a printer or computer (compatible with most software).

The utmost importance has been placed upon specifying to the highest levels of safety, quality and reliability - BSEN50081, BSEN50082, EN61010 & IEC1010.

The MicroPAT can scan bar code labels to input appliance ID and test parameters using an optional bar code reader.

Due to policy of continuous development, Martindale Electric reserves the right to alter equipment specification and description outlined in this document without prior notice. No part of this document shall be deemed to be part of any contract for the equipment unless specifically referred to as an inclusion within such contract. © Martindale Electric Co. Ltd. 2005

SPECIFICATIONS

EARTH CONTINUITY TEST

Test Voltage: 6V AC nominal with no load.

Test Current: 25A AC nominal with 0.1Ω load.

(at 240V AC) 10A AC nominal with 0.5Ω load.

100mA (soft test) for ITEquipment.

Display Range: 0 to 1.99Ω.

Accuracy: ±10% ± 1 digit.

INSULATION TEST

Test Voltage: 500V DC - 0% + 20%.

Short Circuit Current: 1mA DC nominal.

Display Range: 0 to 19.9MΩ.

Accuracy: ±5% ±1 digit.

RUN TEST

Display Range: 0 to 3.1kVA.

Accuracy: ±10% ±1 digit at nominal 240V.

EARTH LEAKAGE TEST

Display Range: 0 to 6mA AC.

Accuracy: ±10% ±1 digit.

FLASH TEST

Test Voltage: 1.5kV AC - Class I

(at nom 240V AC) 3kV AC - Class II

Display Range: 0 to 3.0mA AC.

Accuracy: ±5% ±1 digit.

LEADS & ADAPTORS

1.7 metres fixed mains AC lead with a 13A moulded plug. 1.5 metres fixed earth continuity lead with heavy duty croc clip. 1.3 metre detachable flash gun. 110V 16A plug (BS4343) adaptor to 240V 13A free socket (BS1363).

SOCKETS

Mains / AC: 240V 13A to BS1363, 110V 16A to BS4343.

Serial Interface: Printer/computer output using a 9 pin 'D' type connector RS232.

Flash: 4mm high voltage safety type.

LAMPS

Flash: Neon lamp illuminates when flash test is selected.

DISPLAY

LCD: 2 lines x 20 characters. supertwist liquid crystal high contrast display.

CASE

Material & Size: ABS/Polycarbonate, 330 x 263 x 144mm.

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