

SPECIFICATIONS

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The EasyPAT 1600 is a legal minimum tester suitable for high speed low cost testing.

It preserves the 2100's speed of use and simplicity and is an ideal PAT for those needing to do the legal minimum as quickly as possible.

- Does both mandatory tests and has a built in fuse test
- 25A, 8A and 100mA (for computers, etc) earth bond tests selectable with a simple rocker switch
- Incorporates an extension lead tester to test IEC leads (can also be used to test 110V extension leads with a MAREX331 adaptor).

ELECTRICAL

Supply Voltage: 230V $\pm$ 10% 50/60Hz

Power Consumption: 10/220VA

EARTH CONTINUITY TEST (8A & 25A)

Test Voltage: 6V AC nominal with no load

Test Current: 25A AC nom @ 0.1 Ω (25A), 8A AC nom @ 0.1 Ω (8A)

Display Range: 0 - 1.99 Ω

Accuracy of Indication: $\pm$ 10% of reading $\pm$ 2 digits

EARTH CONTINUITY TEST (100mA)

Test Voltage: 130mV DC nominal open circuit

Test Current: 100mA DC nominal constant current

Range: 0 - 1.99 Ω

Accuracy of Indication: $\pm$ 10% of reading $\pm$ 2 digit

INSULATION TEST

Test Voltage: 500V DC -0% +20% at 0.5M Ω

Short Circuit Current: 1.5mA DC nominal

Display Range: 0 - 19.9M Ω

Accuracy Of Indication: $\pm$ 5% of reading $\pm$ 1 digit

FUSE TEST

Test Voltage: 6V AC nominal

Over range threshold: 10k Ω nominal

Zero range threshold: 800k Ω nominal

LEADS

Mains: 1.7M fixed lead, with a 13A moulded plug

Earth Continuity: 3M long, detachable lead, heavy duty crocodile/alligator clip.

230V IEC Adaptor: 13A BS1363 plug to IEC320 connector, 230mm long.

SOCKETS

Mains: 230V 13A to BS 1363

110V 16A to BS4343

Leadtest: IEC320

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LAMPS

Over Temperature: Red LED which illuminates when the temperature limit for the instrument has been exceeded. LED extinguishes when unit cools.

Lamp 1/ Lamp 2: Red LED's which illuminate to indicate lead 'polarity' for extension lead test facility.

FUSES

Plug: 13A 1"HBC (Ceramic)
Internal: 3.15A (F) 5x20mm, HBC (Ceramic)
Internal fuse is not user replaceable.

Safety

EMC: Meets BS EN 50081-1
BS EN 50082-1
LVD: Meets BS EN 61010-1

MECHANICAL SPECIFICATION - CASE

Size: 330x263x144mm
Material: ABS/Polycarbonate
Colour: Yellow/Black
Weight: 4kg nominal

ENVIRONMENTAL SPECIFICATION - TEMPERATURE

Operating: 0 °C to 35°C
Storage: -10 °C to 50°C

This instrument has been designed to be used in a clean dry environment.

Do not use the instrument outdoors or in wet conditions.