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).

### SPECIFICATIONS

**ELECTRICAL**

Supply Voltage: 230V±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 @ 0.1Ω (25A), 8A AC nom @ 0.1Ω (8A)
Display Range: 0 - 1.99Ω
Accuracy of Indication: ±10% of reading ±2 digits

**EARTH CONTINUITY TEST (100MA)**

Test Voltage: 130mV DC nominal open circuit
Test Current: 100mA DC nominal constant current
Range: 0 - 1.99Ω
Accuracy of Indication: ±10% of reading ±2 digits

**INSULATION TEST**

Test Voltage: 500V DC -0% +20% at 0.5MΩ
Short Circuit Current: 1.5mA DC nominal
Display Range: 0 - 19.9MΩ
Accuracy Of Indication: ±5% of reading ±1 digit

**FUSE TEST**

Test Voltage: 6V AC nominal
Over range threshold: 10kΩ nominal
Zero range threshold: 800kΩ 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
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.