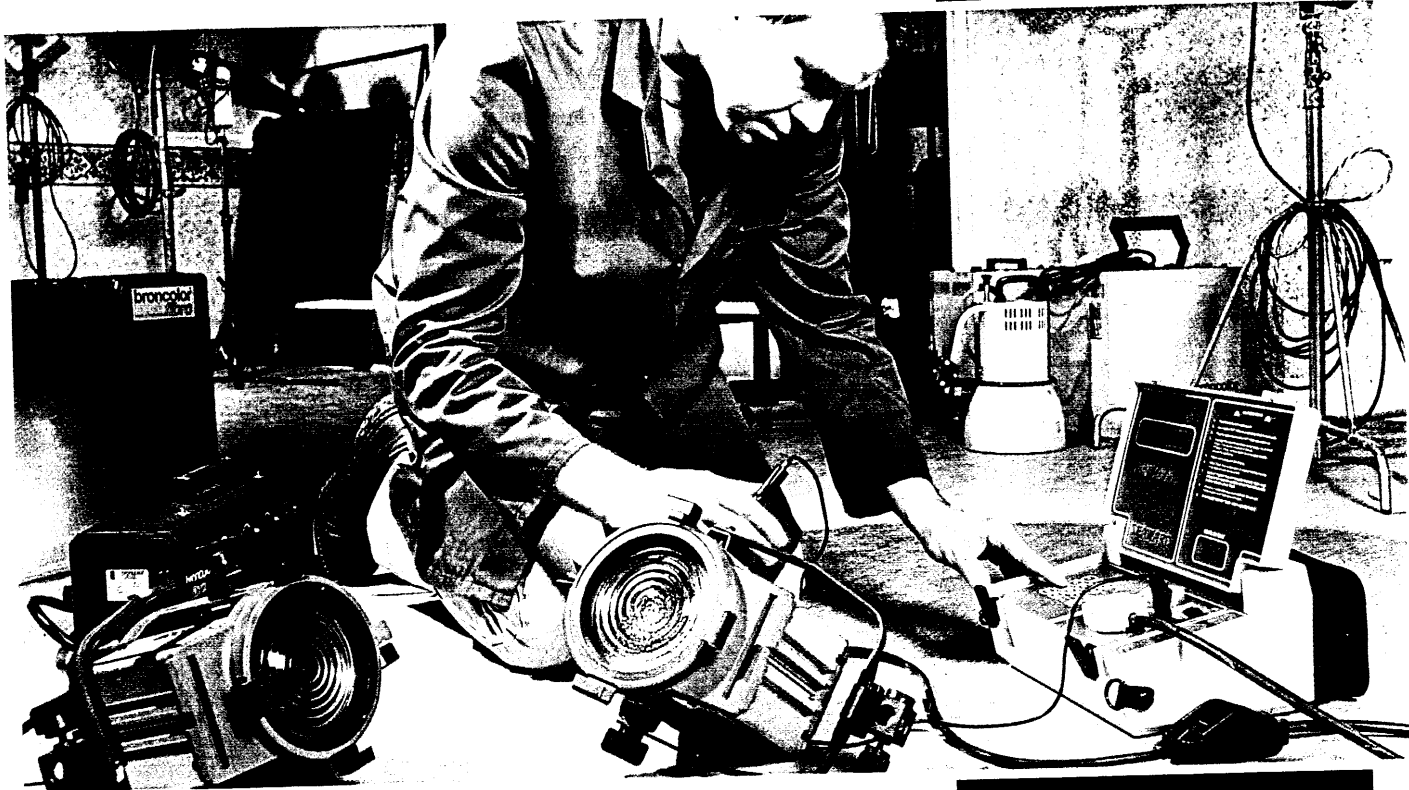


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PAT1000S and PAT1000X



The PAT1000S and PAT1000X are variants of the award winning PAT1000 Portable Appliance Tester.

PAT1000S is a self contained, microprocessor controlled portable appliance tester, designed for 240V electrical appliances.

PAT1000X is a dual voltage tester providing an electrical safety testing solutions for both 110V and 240V appliances.

Both units assist organisations to comply with the UK Electricity at Work Regulations. Test results can be stored in the tester and downloaded to computer software or printers.

PAT1000S and PAT1000X are housed in compact, robust enclosures and have alpha-numeric keypads and Liquid Crystal Displays.

The units represent a cost effective way to achieve and demonstrate compliance with the Electricity at Work Regulations, particularly for in-house testing programmes.

► Features

- Proven, compact tester with dual voltage option
- Stores up to 1000 test results. Compatible with Seaward's results recording software
- Manual or automatic test modes
- Support barcode readers and benefit from a full range of accessories – making testing more efficient and cost effective

MICROPROCESSOR CONTROLLED PORTABLE APPLIANCE TESTERS

SEAWARD

► Specification PAT1000S

EARTH CONTINUITY TEST:

Measuring Range	0.02 - 5.00Ω
Pass Range	0.1Ω, 0.5Ω and 2.0Ω (selectable)
Test Voltage	6V RMS nominal
Output Current	Nominal 25amps or 8amps 240V Version (25amps 110V Version).
Accuracy	±5% (±2 digits with range 25MΩ to 1Ω).

INSULATION TEST:

Meter Range	1 - 9.90MΩ
Pass Range	2M, 4M or 7MΩ selectable
Output Voltage	500V 2MΩ ±10% for input mains voltage variation
Accuracy of Indication	±5%

FLASH TEST:

Measuring Range	0.3-6mA
Pass Range	3mA or 6mA

OPEN CIRCUIT VOLTAGE:

Class 1	1.5KV AC RMS
Class 2	3KV AC RMS
Accuracy	±5% ±150 mA in range 0-6mA

LOAD TEST:

Test Voltage	Mains supply voltage
Test Current	Test Current limited by high value resistor (1KΩ)

OPERATION TEST:

Meter Reading	0.05-3.2 KVA
Pass Range	0.5, 1.0, 2.0 or 3.0 KVA
Accuracy at nominal supply voltage	±3% ±130VA

EARTH LEAKAGE TEST:

Meter Reading	0.3-6mA
Pass Range	0.75mA, 3.5mA or 9.9mA
Leakage Current	±10% ±60 mA in range 0-6mA

SUPPLY VOLTAGE:

Dimensions	250mm x 200mm x 150mm
Weight	5 Kg

► Specification PAT1000X

EARTH CONTINUITY TEST:

Measuring Range	0.02-5.0Ω
Pass Range	0.1Ω, 0.5Ω and 2.0Ω
Test Voltage	6V RMS nominal
Output Current	Nominal 25amps or 8amps 240V Version (25amps 110V Version).
Accuracy	±5% (±2 digits with range 25 mΩ to 1Ω).

INSULATION TEST:

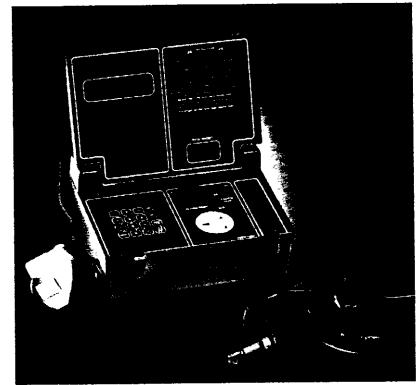
Meter Range	1-9.90MΩ
Pass Band Limit	2M, 4M or 7MΩ selectable
Output Voltage	500V 2MΩ ±10% for input mains voltage variation
Accuracy of Indication	±5%

FLASH TEST:

Measuring Range	0.3-6mA
Pass Band Range	3mA or 6mA
Open Circuit Voltage:	
Class 1	1.5KV AC RMS
Class 2	3KV AC RMS
Accuracy	±5% ±150mA in range 0-6mA

SUPPLY VOLTAGE:

Dimensions	250mm x 200mm x 150mm
Weight	5 Kg



PAT1000X

► Tests Performed

- Earth Continuity
- Insulation Test
- Flash Test
- Load Test (1000S only)
- Operation Test (1000S only)
- Earth Leakage (1000S only)

► Accessories

PAT1000S and PAT1000X benefit from a full range of accessories that promote faster and more efficient testing. Accessories include record keeping software, calibration verification tester, extension lead tester, 3 phase adaptors, appliance labels, barcode readers, barcode scanners, printers, training and calibration services. Further details are available on a separate data sheet "PAT Accessories".

► To Order

PAT1000X	Part No.	206A910
PAT1000S, 240V	Part No.	203A910
PAT1000S, 110V	Part No.	203A912
PAT1000S, Euro, 220V	Part No.	203A914
PAT1000S, Australia, 240V	Part No.	203A915
PAT1000S, USA, 110V	Part No.	203A916



Certificate No. Q5356
BS EN ISO 9001:1994

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