

# BattPAT

## BATTERY POWERED PORTABLE APPLIANCE TESTER

The BattPAT is ideal for those wanting to carry out in-house testing of electrical appliances in offices, hotels, schools, nursing homes, factories and construction sites. The comprehensive manual, test result labels and sample forms mean that even someone new to this area can be using it within minutes of receiving the unit.



- Very easy to use, with clearly marked buttons for different appliances.
- PASS/FAIL result clearly shown, designed for non-electricians
- Low current Earth Continuity test for safe testing of IT equipment.
- Insulation Resistance test voltage compatible with surge-protected mains extension leads, preventing false failure readings
- 'Long lead' feature available for leads in excess of 10 metres.
- Power On Test function
- Rechargeable battery powered, handy in those hard to access places. Charger included with unit.
- Hundreds of tests possible between charges.
- Numerous accessories available, including labels, adaptors and carry cases.

## FEATURES

### CLASS I METAL TEST

When this button is pressed, the unit will test Earth Continuity and Insulation Resistance showing the results for each test and an overall PASS or FAIL.

### CLASS I PLASTIC TEST

When this button is pressed, the unit will test Insulation Resistance showing the results for the test and an overall PASS or FAIL.

### CLASS II TEST

When this button is pressed, the unit will test Insulation Resistance showing the results for the test and an overall PASS or FAIL.

### POWER CORD

When this button is pressed, the unit will carry out an Earth Continuity, an Insulation Resistance and a Polarity test showing the results for each test and an overall PASS or FAIL.

### BATTERY CHARGING

There are clear displays showing battery status and charging. A fast charge feature is available, allowing use of the unit on battery after just an hour. The BattPAT can be powered from the charger if the battery is flat.

### SHORT IEC LEAD

This allows the easy testing of mains extension leads.

### SAMPLE FORMS

An "Equipment Register" and an "Equipment Test Record" form is included. These can be copied and used as often as required. The user manual gives guidelines on the completion of these.

### LABELS

100 'tested' labels, 5 'failed' labels and 50 fuse labels are supplied with each unit. Additional labels are available to purchase separately.

## SPECIFICATION

### EARTH CONTINUITY TEST

CURRENT	150 mA
OC VOLTAGE	9 V
TOLERANCE	5% + 20 mΩ
FAIL THRESHOLD (Normal Lead upto 10m)	> 250 mΩ
FAIL THRESHOLD (Long Lead upto 25m)	> 500 mΩ
FAIL THRESHOLD (Long Lead upto 40m)	> 800 mΩ

### INSULATION TEST

TEST VOLTAGE	360 V
SC CURRENT	< 3 mA
TOLERANCE	5% + 0.1
FAIL THRESHOLD CLASS I	< 2 MΩ
FAIL THRESHOLD CLASS II	< 4 MΩ

### POLARITY TEST

TEST VOLTAGE	5 V
SC CURRENT	0.5 mA
WORKING LOAD	>30 kΩ

### BATTERY & CHARGING

BATTERY	9 V, NiMH
LIFE	700 operations
FAST CHARGE	60mA, 2Hr
TRICKLE CHARGE	20mA, 6Hr
CHARGER	DC, 12 V, 500mA,

### DIMENSIONS

HEIGHT	45 mm
WIDTH	285 mm
DEPTH	130 mm
WEIGHT	1.1 Kg

### ENVIRONMENTAL

OPERATING TEMP	0°C to 40°C, (non condensing)
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