

# PAT-IT

## PORTABLE APPLIANCE TESTER

The PAT-IT 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 risk of damage to IT equipment is eliminated by use of a low current to test Earth Continuity. It is compact and very easy to use. The comprehensive manual, test result labels and sample forms mean that even someone new to safety testing can be using PAT-IT within an hour of unpacking.



- Ideal for all equipment including IT
- Earth Continuity Test using a low current
- Insulation Test @ 500 V
- IEC lead test facility
- Test results shown on display (Measurements and Pass/Fail readings)
- Automatically cycles through tests
- Supplied with test results labels and sample forms

# FEATURES

## CLASS I TESTS

When testing Class I equipment, the PAT-IT will automatically cycle through the Earth Continuity and Insulation tests. The results of these tests are then displayed with Pass/Fail comments appropriate to Class I equipment.

## CLASS II TESTS

When Class II equipment is being tested, just the Insulation test is carried out. The result is displayed and assessed against the requirements for Class II equipment.

## IEC LEAD TEST

An IEC lead test facility is also provided. With the lead connected, the test button is pressed to carry out an Earth Continuity and Polarity test.

## SAMPLE "EQUIPMENT REGISTER" FORM

This lists all the electrical equipment to be tested. The user manual gives guidelines on how to complete this by working out the Type and Class of equipment, and the frequency of testing or inspection required. Once completed, it provides a plan for the testing. The sample form can be copied and used as often as required.

## SAMPLE "EQUIPMENT TEST RECORD" FORM

One of these is required for each item. It maintains a history of the inspection and testing carried out. Again, this form can be copied and used as often as required.

## "TEST RESULT" LABELS

100 "Tested" labels and 5 "Failed" labels will be provided with each unit. Additional labels can be purchased separately.

# SPECIFICATION

## EARTH CONTINUITY TEST

MEASURING RANGE	20-2000 mΩ
RESOLUTION	1 mΩ
MEASURING CURRENT	175 mA
OC VOLTAGE	5 V
TOLERANCE	5% + 20 mΩ
FAIL THRESHOLD	> 300 mΩ

## INSULATION TEST

MEASURING RANGE	0.5-20 MΩ
RESOLUTION	0.1 MΩ
TEST VOLTAGE	500 V
SC CURRENT	< 5 mA
TOLERANCE	5% + 0.1
FAIL THRESHOLD CLASS I	< 2 MΩ
FAIL THRESHOLD CLASS II	< 4 MΩ

## DIMENSIONS

HEIGHT	65 mm
WIDTH	195 mm
DEPTH	130 mm
WEIGHT	1.5 kg

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