

UNI-T UT527 PAT Tester

5th Edition Compliant



Description

The UT527 is a handheld, battery powered PAT tester suitable for those new to PAT Testing or carrying out basic, low-volume testing.

The UNI-T UT527 is incredibly simple and functions mostly as a 'plug & play' type tester. Simply plug your appliance in, and push the appropriate test button!

The tester is PASS/FAIL has Pass/Fail indication and will let you know if an appliance has passed the tests, but won't show full testing results, it will carry out all the basic tests you need, including earth continuity and insulation resistance and is suitable for testing both class I and class II appliances, plus associated power leads.

Portable design with simple, three-button interface, large LCD screen and mains socket port.

Can be used to test 110V equipment (requires optional 110V adapters, sold separately).

This is also available as part of a kit which includes everything you need, including a training DVD, so you can start testing with confidence.

To order visit: www.testers.co.uk or Call us on: 01642 631 654

SKU: UT527

Test Functions

- ▶ Class I Electrical Appliances
- ▶ Class II Electrical Appliances
- ▶ IT Equipment
- ▶ IEC Leads and Extension Leads
- ▶ 110V and 415V Equipment
- ▶ 250V Insulation Resistance

Accessories

- ▶ UNI-T UT527 PAT Tester
- ▶ Earth Bond Test Lead
- ▶ Alligator Clip
- ▶ IEC Lead
- ▶ Mains Socket Test Adapter
- ▶ Batteries
- ▶ Instruction Manual
- ▶ Hard Carrying Case

Ideal For

- ▶ Small businesses
- ▶ Offices
- ▶ Charity shops
- ▶ Care homes
- ▶ Leisure industries

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Table 1: Accuracy Specifications

Earth Continuity	
Pass Limit	0.2 ohms
Accuracy	±0.03 ohms
Test Current	Resistance ≤2ohms: ≥200mA
Test Voltage	5V DC
Insulation Resistance	
Pass Limit	Class 1: 1Mohms Class 2: 2Mohms Cord: 2Mohms
Accuracy	±0.1Mohms
Test Voltage	Default: 250V, Selectable: 500V Selectable test voltage: 500V. In default mode, press and hold the “ Class II”button for 3s enter into 500V mode.
Test Current	250k:>1mA,1K:<2mA

Table 2: Factory Default Pass / Fail Limits

	Class 1	Class 2	Cord
Earth Continuity	0.2ohms	N/A	0.2ohm
Insulation Resistance	1.0M ohms	2.0 Mohms	2.0 Mohms

Table 3: Approximate Resistance Of Protective Earth Conductors In Cables

Length	Cord Size / Current Rating		
	0.5 mm /(3A)	1.0mm /(10A)	1.25mm /(13A)5m
5m	0.02	0.10	0.10
10m	0.40	0.20	0.20
25m	1.00	0.50	0.20