

UNI-T UT528 PAT Tester

5th Edition Compliant



Description

The UT528 is a handheld, battery powered PAT tester suitable for those new to PAT Testing or carrying out low volume testing. An upgrade of the UT527, the UT528 displays test values on the screen, giving you more information and detailed tests.

The UNI-T UT528 has a simple interface with three buttons on the front clearly labelled for each appliance type as well as a long lead mode. The simple push buttons run a pre-programmed test for the various classes as well as IEC and extension leads, including surge protected.

Select Pass-Fail values for earth continuity (0.1, 0.2, 0.3) and change to a 250V insulation resistance test to avoid damaging sensitive appliances.

This comprehensive tester is perfect for beginners and small businesses, and being battery powered and light weight, you can easily work quickly and more efficiently as you move from appliance to appliance.

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.

SKU: UT528

Test Functions

- ▶ Class I Electrical Appliances
- ▶ Class II Electrical Appliances
- ▶ IT Equipment / Class II FE test
- ▶ IEC Leads and Extension Leads
- ▶ 110V and 415V Equipment
- ▶ 250V Insulation Resistance
- ▶ 5mA for Leakage Test (Substitute)

Accessories

- ▶ UNI-T UT528 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 & Accuracy	$\pm(5\%+2)$
Test Current	Resistance $\leq 20\text{ohms}$: $\geq 200\text{mA}$
Test Voltage	5V DC
Insulation Resistance	
Pass Limit & Accuracy	$\pm(5\%+2)$
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: $>1\text{mA}$, 1K: $<2\text{mA}$
Leakage Current	
Accuracy	$\pm(5\%+2)$
Test Voltage	40Vrms, 50Hz AC
Test Current	$<5\text{mA}$ 2k

Table 2: Factory Default Pass / Fail Limits

	Class 1	Class 2	Cord
Earth Continuity	0.1/0.2/0.3 ohm	N/A	0.2ohm
Insulation Resistance	1.0M ohms	2.0 Mohms	2.0 Mohms
Leakage	5mA	5mA	5mA

Table 3: Approximate Resistance Of Protective Earth Conductors In Cables

	Cord Size / Current Rating		
Length	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