

# TPT220

## Voltage Tester



- AC and DC voltage from 6 to 1000 V
- Resistance / Continuity (acoustically)
- RCD function test
- Two pole phase sequence indication
- LCD display
- CAT IV 1000 V rating

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### DESCRIPTION

The Megger TPT220 voltage tester provides electricians and electrical engineers with voltage indication but has additional functions that make the instrument truly versatile.

The TPT220 features an LCD display that provides AC and DC voltage measurement from 6 to 1000 volts, in addition, a continuity / resistance function ranging from 0 to 2 k $\Omega$ . Continuity and voltage measurements greater than 35 V are accompanied by an acoustic sounder.

The display has a back light with an ambient light sensor that will illuminate the display in poorly lit environments. A low battery indicator, continuity data hold function and a torch lamp are also provided.

The unit has an RCD / FI test function that allows simple testing of 30 mA RCDs, RCBOs and safety breakers.

A test between phase and earth on a circuit protected by an RCD, RCBO and Safety Breaker will not trip these devices.

The phase sequence indication feature is simplified which avoids the typical crossing of the test probes adopted by many 2 pole testers.

With safety in mind, the TPT220 is CATIV 1000 V rated with an IP65 rated strong body that provides easy and comfortable grip. GS38 shrouds are provided as standard.

The unit has a feature that will warn the operator of dangerous test voltages should the batteries become exhausted.

### FEATURES

- On / Off switch
- Exhausted battery warning indicator
- Spare GS38 tips included
- Auto power off

### APPLICATION

Although this tester is primarily for testing in electrical installations the unit can be useful for a wide number of applications. The TPT220 can be utilised for testing auto electrical, fire alarm systems and telecom.

## SPECIFICATIONS

<b>Display</b>	Optical 3 1/2 digit, LCD
<b>Operating panel</b>	RCD button, ON/OFF button, D-Hold button
<b>Voltage range</b>	6 to 1000 V
<b>Accuracy</b>	1.5% ±3 digits
<b>Frequency (ACV)</b>	40 to 400 Hz
<b>Resistance/Continuity test</b>	0 - 2000 Ω
<b>Accuracy</b>	5% ±5 digits
<b>Phase indication</b>	>100 V AC
<b>Switchable load</b>	Is <0.3 A ED (DT) = 30 sec.
<b>Operating frequency</b>	0 – 400 Hz
<b>Torch</b>	Ultra bright LED
<b>Power Supply</b>	2 x 1.5 V batteries type AAA LR03

## Dimensions

70 mm (W) x 238 mm (H) x 30 mm (D)

## Weight

200 g

## Environmental

**Operating temperature** -10 °C - +55 °C

**Humidity** 96% Rh

**Ingress protection** IP65

## Safety

CAT IV 1000 V

## Compliance

TÜV, GS IEC/EN 61243-3 (DIN VDE 0628-401)

## ORDERING INFORMATION

Item (Qty)	Cat. No.
TPT220 voltage tester CAT IV 1000 V	1001-615
<b>Included accessories</b>	
4 x GS38 tips	
<b>Optional accessories</b>	
MPU690 Proving unit	1001-561
GS38 tips (pack of 10)	1001-896

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**CERTIFICATION ISO**  
Registered to ISO 9001:2008 Cert. no. Q 09250  
Registered to ISO 14001:2004 Cert. no. EMS 61597

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