TPT320

Voltage Tester



- AC / DC voltage from 12 to 690 V
- Continuity
- **■** Phase rotation
- LCD / LED display
- Bright LED torch
- CAT IV 600 V rating

DESCRIPTION

The Megger TPT320 voltage tester provides electricians and electrical engineers with voltage indication but has additional functions / features that makes the instrument a versatile instrument.

The TPT320 features both LCD and LED displays that provides AC and DC voltage measurement from 12 to 690 volts, in addition, a continuity function ranging from 0 to 500 k Ω . Continuity and voltage measurements greater are accompanied by an acoustic sounder.

A bright LED torch feature allows safe working in poorly lit environments.

When conducting a test between phase and earth on a circuit protected by an RCD, RCBO and Safety Breaker the TPT320 will not trip these devices.

The phase rotation indication feature is simplified which avoids the crossing of the test probes adopted by some 2 pole testers.

With safety in mind, the TPT320 is CATIV 600 V rated with an IP64 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 even when the batteries have become exhausted.

APPLICATION

Although this tester is primarily for testing in electrical installations the unit can be useful for a wide number of applications. The TPT320 can be utilised for testing auto electrical and fire alarm systems.

Megger.

SPECIFICATIONS

AC/DC volts 12 to 690 V

Battery (consumption) 80 mA TUV Rheinland GS tested Compliance

EN 61243-3:2010

EN 61010-1:2010

Continuity <500 kΩ

Display Optical 3 digit, LCD

8 red LEDs voltage and polarity

indication

2 green LEDs rotary indication 2 red LEDs for continuity and dangerous voltage indication

Duty Cycle Frequency operating

range

40 to 400Hz

30s On / 240s Off

LCD ±3% ±5 digits

Operating panel Torch button / buzzer for continuity

and dangerous voltage indication

Phase indication >90 V AC ±10%

Polarity

Power supply 2 x 1.5 V batteries type AAA LR03

CAT IV 600 V **Safety protection** <3.5 mA **Test current range Torch** White LED **Humidity** 85% RH IP64 **IP** rating

Maximum altitude 2000 metres Operating temperature -5 °C - +55 °C

range

Storage temperature

range

-20°C - +70°C

Dimensions 67 mm (W) x 205 mm (H) x 19 mm (D)

Lead length 1.2 metres Weight 180 g

ORDERING INFORMATION	
Description	Order Code
TPT320 voltage tester CAT IV 600 V	1004-304
Included Accessories	
2 x GS38 tips	
Optional Accessories	
MPU690 Proving unit	1001-561
Euro spare metal tips (10 pcs supplied in bag)	2005-269
UK GS38 spare tips (10 pcs supplied in bag)	2005-268
Pouch	2005-536

