# 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 kΩ. 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 |
| **Compliance** | TUV Rheinland GS tested |
| | EN 61243-3:2010 |
| | EN 61010-1:2010 |
| **Continuity** | <500 kΩ |
| **Display** | Optical 3 digit, LCD<br>8 red LEDs voltage and polarity indication<br>2 green LEDs rotary indication<br>2 red LEDs for continuity and dangerous voltage indication |
| **Duty Cycle** | 30s On / 240s Off |
| **Frequency operating range** | 40 to 400Hz |
| **LCD** | ±3% ±5 digits |
| **Operating panel** | Torch button / buzzer for continuity and dangerous voltage indication |
| **Phase indication** | >90 V AC ±10% |
| **Polarity** | Yes |
| **Power supply** | 2 x 1.5 V batteries type AAA LR03 |
| **Safety protection** | CAT IV 600 V |
| **Test current range** | <3.5 mA |
| **Torch** | White LED |
| **Humidity** | 85% RH |
| **IP rating** | IP64 |
| **Maximum altitude** | 2000 metres |
| **Operating temperature range** | -5 °C - +40 °C |
| **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 |