

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.

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 8 red LEDs voltage and polarity indication 2 green LEDs rotary indication 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 - +55 °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