## *MEGGER V20 Voltage Probe*

- **Indicates a.c. and d.c. voltage from 6V to 400V**
- **Tested and approved according to DIN VDE 0680, part 5**
- **Clear and easy to read LED displays**
- **Polarity and PHASE tests**

# *MEGGER V20 Voltage Probe*

The MEGGER V20 Voltage Probe is an easy to use, straightforward and immensely useful device for the contractor or service engineer's toolbag. Durable, high voltage cable is used to connect the two handheld probes. One probe is passive whilst the other contains measurement circuitry and a display consisting of seven red LED's mounted against a European Standard voltage scale. When connected to ac or dc voltages an instantaneous indication from 6V to 400V is displayed. Importantly, for dc voltages an indication of polarity is also provided.

The MEGGER V20 is light, extremely robust, shock and impact proof and meets IP65 standard for protection against ingress of dust and moisture.

The MEGGER V20 has been safety tested in accordance with IEC61243-3 standard for Live working Voltage Detectors Pt 3 – 2 Pole Low Voltage Type.

## FEATURES

The MEGGER V20 Voltage Probe indicates d.c. and a.c. voltages from 6V to 400 V visually by a row of LEDs.

Additional LED's provide indication of whether the signal is ac or dc and for dc the polarity is also shown.

The display is ideally located above the handle and is clear and easy to read. This dust proof and weatherproof device conforms to protection standard IP65 and is approved for indoor and outdoor use.

## SPECIFICATIONS

**Display Stage:** LED ⊕ ≡
6,12, 50, 120, 230 and 400 V a.c./d.c.

**Polarity Display:** Via LED

**Current Consumption:** max. 30 mA

**Internal resistance:** 20 K Ohms

**Frequency range:** 0 to 500 Hz

**Peak Voltage proof. To VDE 0680:**
5kV Pulse width (1,2/50 µs)

**Insulation Test Voltage:** 5 kV

**Operating temperature:** -10 °C to + 50 °C

**Max. permissible Operating time:**
30 seconds

**Protection:** IP65 (DIN 400050)

**Display Accuracy:** ± 15%

Tested and approved according to DIN VDE 0680, part 5

## ORDERING INFORMATION

| Item | | Order Code. |
|---|---|---|
| V20 Voltage Probe | …… | V20 |