



VIPD150 Voltage Indicator & Proving Device Kit

Voltage Indication

VI-15000



IMPORTANT: Voltage Indicators should always be tested with a proving unit or known live source before and after use.

Instant, clear indication shows if a circuit is live, its voltage range up to 1000V and whether AC or DC. Tough, moulded construction and LEDs, combined with heavy duty, double insulated cable, large finger guard and a retractable, lockable prod sheath make this the safest, most durable and reliable instrument of its type.

SPECIFICATION

Nominal voltage range: 50 - 1000V DC/AC rms

Nominal voltage threshold indications:

50, 120, 230, 400, 690 V DC/AC rms

Voltage threshold tolerance: conforms to BS EN61243-3:2010

AC/DC voltage detection: automatic

Range detection: automatic

Response time: < 0.1s

Frequency range: DC, 1 - 400 Hz

Test current: < 3.5mA at 1000V DC/AC rms

Duty ratio: 30s ON (operated) / 240s OFF (recovery)

Environmental

Temperature & Humidity (Operating & Storage): -10°C to 55°C ≤ 85% R.H.

Altitude: up to 2000m

Pollution degree 2

General

Power: from circuit under test

Dimensions: 205(L) x 67(W) x 27(D) mm

Weight: 130g approx.

Includes: instructions

Safety

Conforms to BS EN61243-3:2010 CAT IV 1000 V

Class II, double insulation

IP rating: IP54 to BS EN60529

EMC

Conforms to BS EN61326-1

Proving Device

PD690



The PD690 proving device produces 700V AC/DC to enable voltage indicators and other devices with ranges up to 700V to be checked. It is a portable, battery powered proving unit with the option of being driven from a 12V supply via a car or mains power supply. The kit is supplied with a combination carry case for both VI and PD products.

Suitable for: Drummond Test Lamps, Digital Multimeters, Low Impedance Voltage Testers (LCD display).

SPECIFICATION

Output voltage: 700V nominal

Output frequency: 50Hz nominal

Environmental

Operating temperature: -10°C to 40°C at max. 70% R.H.

Altitude: up to 2000m

Pollution degree: 2

General

Power: Internal batteries or external power source

Internal batteries: 6 x 1.5V, AA alkaline batteries (IEC LR6, NEDA 15A)

External power source: 12V DC max. at 2A min.

External power socket: 2.5mm jack socket, centre positive

Dimensions: 143 x 84 x 50mm.

Weight packed: 400g approx. with batteries

Includes: 6 x 1.5V AA alkaline batteries, instructions