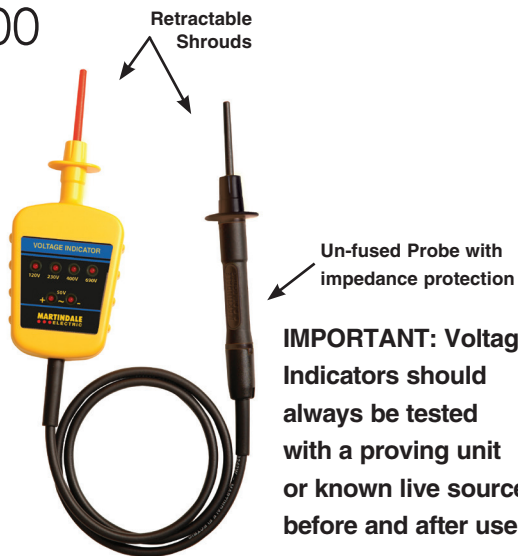




VIPD150 Voltage Indicator & Proving Device Kit

Voltage Indicator

VI-15000



CAT IV
1000V

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

Proving Device

PD690



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

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

Due to policy of continuous development, Martindale Electric reserves the right to alter equipment specification and description outlined in this document without prior notice. No part of this document shall be deemed to be part of any contract for the equipment unless specifically referred to as an inclusion within such contract. © Martindale Electric Co. Ltd. 2014

Martindale Electric Company Ltd.

Metrohm House, Penfold Trading Estate, Imperial Way, Watford, WD24 4YY. Tel: 01923 441717 Fax: 01923 446900

E-mail: sales@martindale-electric.co.uk Web site: <http://www.martindale-electric.co.uk> rev1