

**SOCKET
& SEE™**





VIP PRO
Professional Two Pole
Voltage Tester

Instruction Manual & Specification



1. Safety

1.1 Equipment Markings

	Caution - refer to the instruction manual
	Construction is double insulated
	Product should be recycled as electronic waste
	Conforms to EU standards
CAT IV	<p>Measurement Category IV is applicable to test and measuring circuits connected at the source of the building's low-voltage MAINS installation. This part of the installation is expected to have a minimum of one level of over-current protective devices between the transformer and connecting points of the measuring circuit.</p> <p>Due to these high short-circuit currents (above 50kA) which can be followed by a high energy level, measurements made within these locations are extremely dangerous. Great precautions shall be made to avoid any chance of short circuit.</p> <p>Examples of CAT IV are measurements on devices installed before the main fuse or circuit breaker in the building installation.</p>

1.2 Operational Safety

The VIP PRO is designed to be used by skilled persons in accordance with safe methods of work. If the VIP PRO is used in a manner not specified by Socket and See, the protection provided by it may be impaired.

Inspect the product before using. If any damage is visible; such as cracks in the casing, damage to any accessories, leads or probes, the unit should not be used.

Keep fingers behind the finger guards. Avoid touching a free prod while the other prod is in contact with an electrical circuit. Avoid obscuring the indicator LED's during use.

This tester has been designed to be used with suitable PPE, including insulated gloves if required.

To maintain safety, check for the correct operation of the VIP PRO both before and after use. Use a true AC output proving unit such as the Socket and See SP400 or a known live source. Check the LED's are visible in the environment of use.

The VIP PRO should not be used on voltages over 600V.

Safety resistors in the passive probe make the indicator safe in single fault conditions. An example of this would be the lead being crushed in a cabinet door.

2. Description

The VIP PRO is a professional two pole voltage tester capable of measuring AC and DC voltages. It incorporates a number of features that make it safer and easier to use than many other two pole testers on the market.

2.1 Features

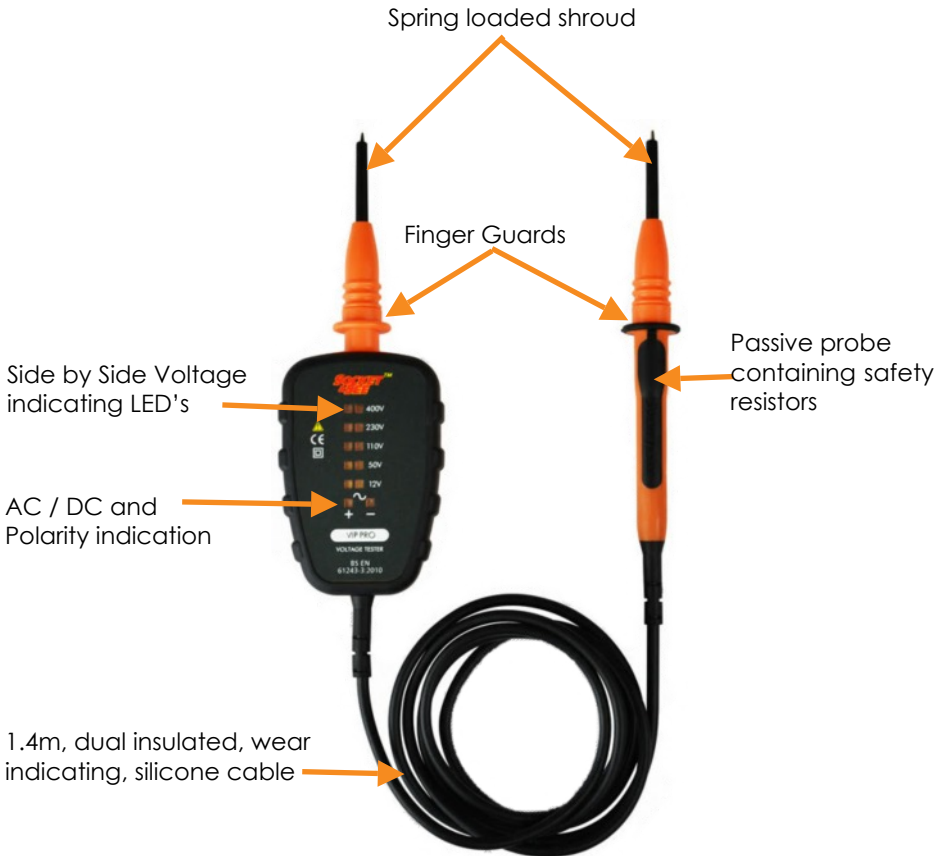
- Robust and ergonomically designed IP54 body, complete with finger guards.
- 1.4m of dual insulated, silicon, wear indicating cable interconnects the probes.
- Spring loaded and lockable shrouds on the prods ensures conformity to HSE GS38.
- Side by side, colour coded, voltage indicating LED's give clear and easy to read indication.
- No batteries required.

2.2 Indication

Positive Polarity	Red LED
Negative Polarity	Blue LED
12V	2 x White LED
50V	2 x White LED
110V	2 x Yellow LED
230V	2 x Blue LED
400V	2 x Red LED



3. Usage



3.1 Operation.

When using the VIP PRO ensure that fingers are behind the finger guards. The tester is suitable for use with or without PPE.

Check the correct function of VIP PRO before and after use with a true AC output proving unit such as the Socket and See SP400.

Firmly place the tips of the two probes on the voltage source to be measured. Check for LED illumination.

3.2 AC / DC Indication

The VIP Pro will automatically detect whether an AC or DC Voltage is being detected.

AC Voltage Measurement.

If an AC voltage is detected both of the polarity LED's will illuminate and then the side by side LED's will illuminate up to the value of the measured voltage.

DC Voltage Measurement.

If a DC voltage is detected one of the polarity LED's will illuminate. The positive or negative LED illuminating will show the position of the main probe with regards to the measured voltage. The side by side LED's will then illuminate up to the value of the measured voltage.

4. Maintenance and Service

If required, clean with a damp cloth and mild detergent. Do not use abrasives or solvents.

There are no user serviceable parts.

Contact Socket and See for parts and technical assistance.

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Specification	
Operating Voltage Range	12 - 400V
LED Indication	12 - 50 - 110 - 230 - 400V
AC / DC Indication	Automatic
Overvoltage Category	Cat IV 600V
Operating Current	3.5 mA
Operating Duty Cycle	30s on, 240s off
Operating Conditions	-10 to +55°C at 70% RH
IP Rating	IP54
Safety Compliance	BS EN 61010-2-030 :2010
Prods	GS38 Compliant
Interconnecting Cable	1.4m Silicone rubber, Double insulated, Wear indicating, 690V continual rating, Tested at 6.5kV
Dimensions	150H x 70W x 20D (mm)
Weight	130g
Batteries	Not required

Ordering Information

Item	Supplier Code
Socket and See VIP PRO	SOC/VIPPRO
Socket and See VIP PRO and SP200 Proving Unit with case	SOC/VIPPROKIT
Socket and See SP400 Proving unit with non contact voltage check	SOC/SP400
Socket and See MCB locking off device	SOC/LOD10

SOCKET & SEE


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 Socket & See is a trading division of UK Test Instruments Ltd.