



The Buckleys LVPD utilises the wet sponge and provides a quick and cost effective method of non-destructively testing dielectric coatings on conductive substrates up to 500µm.

The LVPD offers six preset ranges; five are factory set and one is user defined. The LVPD features a two line eight character LCD which displays the test voltage and DC leakage current in micro-amps. The LCD also displays the battery status, the preset currently in use and the user selectable options.

The LVPD features a power up self test which verifies the unit is functioning correctly therefore increasing operator confidence in test results. The LVPD features closed loop circuitry that ensures excellent test voltage regulation throughout the complete sensitivity range.

The LVPD1 kit includes the Low Voltage Pinhole Detector, leads, wet sponge wand with extension rod, batteries, 30ml of wetting agent and operating instructions.

TECHNICAL SPECIFICATION:

Preset	P1	P2	P3	P4	P5	P6
Voltage	9V	24V	67.5V	67.5V	90V	User
Sensitivity	90kΩ	90kΩ	125kΩ	90kΩ	400kΩ	User

FEATURES:

- Simple and ready to use
- Accurate and versatile
- Automatic self test ensures detector accuracy
- Multiple test voltages
- Battery level indication
- Audible and visual alarms
- User defined preset option
- Complies with many standards
- Displays the test voltage
- Displays leakage current in micro amps

- Powered by 4 AAA batteries
- Accuracy $\pm 3\%$
- Unit weight (including batteries) 210gm

May be used in accordance with standards:

NACE TM0384-2002	NACE RP0188-99
AS 3894.2-2002	BS EN ISO 8289 (1)
BS EN 14654	BS EN ISO 8289 (2)
BS 7793-2	ISO 8289 A

User defined preset voltage and sensitivity range:

Output voltage	Sensitivity
9V – 60V	$\leq 80k\Omega$ – $\leq 400k\Omega$ (5kΩ steps)
61V – 90V	$\leq 120k\Omega$ – $\leq 400k\Omega$ (5kΩ steps)

AFTER SALES SERVICE / TECHNICAL SUPPORT

All Buckleys products are manufactured under the controls established by a quality management system that meets the requirements of BS EN ISO 9001:2008 and are supplied with a one year "back-to-base" warranty. The equipment is proven to be robust and reliable and will give years of service if maintained in accordance with our instructions.

Buckleys provide full repair facilities offering a fast turn-around service for customers equipment. Advice on specific applications for all Buckleys products is available from our technical department. Contact us by telephoning, sending a fax or by e-mail using the contact details below.

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