



## **FEATURES**

- Clear 3½ digit LCD display of test voltage
- Audible and visual alarm fault indicators
- Calibration Certificate to National Standards supplied
- Power limited output for operator safety
- Safety Switch incorporated in handle
- Built-in Charger Unit
- Lightweight and portable
- Full range of electrodes available
- One year “back-to-base” warranty
- CE approved

Buckleys Pipeline Test Kits have been specially created to enable inspectors to quickly check non-conductive pipe coatings and linings for porosity, pinholes and other faults. The PHD 6kV kit is suitable for checking coating thicknesses of between 10 - 600 microns and contains all the necessary equipment to perform basic tests.

Additional Phosphor Bronze electrodes, either straight or curved can be supplied for use with the kit (see data sheet E1). Alternatively, Rolling Spring Electrodes can provide an effective means of testing external pipe coatings and are available in most sizes to suit (see data sheet E3). External coatings on smaller pipes can be tested by using a silicone rubber electrode (with suitable size hole) through which the pipe can be passed (see data sheet E2).

## **PIPELINE TEST KIT (ref: D13) comprises:**

PHD 6kV unit with built-in charger and battery, shoulder bag, test probe handle with 2m high voltage lead, mains charger lead, trailing earth lead, 1 x 220mm extension rod, 250mm (10”) phosphor bronze brush electrode, electrode shoe and test voltage calculator. A calibration certificate is included in the comprehensive instruction manual.

## **TECHNICAL SPECIFICATION**

- Adjustable Output voltage range: 500 - 6000 volts DC
- Suitable for coating thicknesses 10 - 600 microns
- Maximum continuous current: <1mA
- Operating time: 8 hours average
- Meter accuracy: +/- 1.5%
- Mains voltage for charging: 110 to 240V AC 50/60 Hz
- Weight (Unit only): 1.7Kg
- Dimensions (Unit only): 15cm wide x 16cm deep x 9.5cm high
- Packed Weight: 5Kg
- Dimensions (Packed): 36cm x 36cm x 36cm

Note: Due to ongoing technical developments, all stated information is typical and is subject to change without notice or obligation

## **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.

Annual re-calibration is recommended for the PHD Pinhole/Holiday Detectors. Buckleys provide full repair and calibration facilities offering a fast turn-around service for customer’s equipment.

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