



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
- Variable sensitivity for testing on concrete substrates or moist surfaces
- Full range of electrodes available
- One year “back-to-base” warranty
- CE approved

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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The Buckleys PHD 1-20 Pipeline Test Kit has been specially created to enable inspectors to quickly check non-conductive pipe coatings or linings for porosity, pinholes and other faults. It is suitable for checking coating thicknesses of between 20 microns to 6.5mm 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). Coatings on smaller pipes (less than 100mm / 4 inches) 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: D23) comprises:
PHD 1-20kV Holiday Detector with built-in charger and battery, shoulder bag, test probe handle with 2m high voltage lead and pressure safety switch, mains charger lead, trailing earth lead, 1 x 460mm extension rod (electrode connection), 1 x 250mm (10”) phosphor bronze brush electrode, electrode shoe, trimming tool and test voltage calculator. A calibration certificate is included in the comprehensive instruction manual.

TECHNICAL SPECIFICATION

- Adjustable output voltage range: 1-20kV DC
- Variable sensitivity: 0-500uA
- Suitable for coating thicknesses 20 microns to 6.5mm
- Maximum continuous current: <1mA
- Operating time: 10 hours average
- Meter accuracy: +/- 1%
- Mains voltage for charging: 90 to 240V AC 50/60 Hz
- Weight (unit only): 6.5Kg
- Dimensions (unit only): 21cm wide x 12.5cm high x 26.5cm deep
- Packed Weight (Pipeline kit): 8.5Kg
- 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