

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.



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

TECHNICAL SPECIFICATIONS

- Adjustable output voltage range: 1-20kV DC
- Variable sensitivity: 0-500uA
- Suitable for coating thicknesses 20µ to 6.5mm
- Maximum continuous current: <1mA
- Operating time: 10 hours (average)
- Meter accuracy: +/- 1%
- Mains voltage for charging: 110 to 230V AC 50/60 Hz
- Weight (unit only): 6.4Kg
- Dimensions (unit only): 26cm x 30cm x 22cm
- Packed Weight (Pipeline kit): 7.8Kg
- Dimensions (packed): 50cm x 28cm x 28cm

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

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") can be tested by using a silicone rubber electrode (with suitable size hole) through which the pipe can be passed (see data sheet E2).

KIT 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
- Test voltage calculator
- A calibration certificate is included in the instruction manual

ACCESSORIES AVAILABLE:

**A12**Shoe Attachment
6005-0058**E104-562**Phosphor Bronze
Brush Electrodes
(See Data Sheet E1)**A24**Test Probe Handle
6005-0067**A29**50m Extension Lead
6005-0076**A11/A11A**Insulated Extension
Rods
6005-0056/6005-0057**A50**Test Voltage
Calculator
6005-0083**E704-E766**Rolling Spring
Electrodes
6005-0230**A38**Trailing Earth Lead
6005-0079**A51**Trim Tool
6005-0084

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 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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