



Buckleys Pinhole / Holiday Detectors enable inspectors to check quickly and effectively for porosity, pinholes and other faults in a wide range of non-conductive coatings and linings.

The PHD 1-20 is suitable for checking coating thicknesses of between 20 microns to 6.5mm and is extensively used in the petro-chemical, aerospace, pipeline construction and plastic fabrication industries.

Special kits are available for testing pipeline coatings (see data sheet D23) and roofing or bridge deck membranes (see data sheet D24).

COMPLETE KIT (ref: D2A) comprises:
PHD 1-20 unit with built-in charger and battery, shoulder bag, test probe handle with 2m high voltage lead, mains charger lead, earth lead (5m), steel drum brush, 150mm straight silicone rubber electrode, pointed probe, 2 x 460mm extension rods, earthing magnet, electrode shoe, trimming tool and test voltage calculator. All contained in a robust carrying case. A calibration certificate is included in the comprehensive instruction manual.

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.

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.

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 (Complete kit): 11Kg
- Dimensions (packed): 62cm x 32cm x 25cm

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