

**FEATURES**

- Lightweight & portable
- Easy to use
- Audible & visual alarm fault indicators
- Clear LCD with backlight
- Membrane keypad operation
- Microprocessor controlled
- Automatic voltage selector
- Accurate sensitivity control
- Displays electrode DC current
- Volume control for quiet environments
- Power limited to avoid coating damage
- Existing PHD accessories can be used
- One year "back to base" warranty
- CE compliant

**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 PD 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.

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. Buckleys products have been extensively used for many years in the petro-chemical, aerospace, pipeline construction and plastic fabrication industries.

The PD6 has been specially designed to incorporate new technology and is suitable for checking coating thicknesses of between 4 microns to 576 microns.

If additional electrodes and accessories are required, the PD6 can be supplied as a Complete Kit (see data sheet PD6C). Special kits are available for testing pipeline coatings (see data sheet PD6P)

**BASIC KIT (ref: PD6) comprises:**

PD6 unit with battery charger and 4 x re-chargeable batteries, shoulder bag, test probe handle, coiled interconnecting lead, 5m earth lead, steel drum brush and test voltage calculator. A calibration certificate is included in the comprehensive instruction manual.

**TECHNICAL SPECIFICATION**

- Adjustable output voltage range: 0.5 - 6kV DC
- Adjustable DC alarm sensitivity: 10 – 450  $\mu$ A
- Suitable for coating thicknesses: 4 $\mu$ m – 576 $\mu$ m
- Operating time: 18 hrs (tested as BSEN-50356 @ 6kV. Unit fitted with 10000mAh NiMH cells)
- Test voltage formula: NACE RP0274
- Weight (unit, shoulder bag & batteries): 1.6Kg
- Dimensions (unit only): 16cm wide x 6cm high x 20cm deep
- Packed weight: 4.3Kg
- Dimensions (packed): 36cm x 28cm x 33cm

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