



## **FEATURES**

- Lightweight & portable
- Easy to use
- Audible & visual alarm fault indicators
- Clear LCD with backlight
- Membrane keypad operation
- Microprocessor controlled
- Automatic voltage selector (*test voltage is set from coating thickness value*)
- 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 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 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' units have been extensively used for many years in the petro-chemical, aerospace, pipeline construction and plastic fabrication industries.

The PD 130 has been specially designed to incorporate new technology and is suitable for checking coating thicknesses of between 16 microns to 14.4mm.

If additional electrodes and accessories are required, the PD 130 can be supplied as a Complete Kit (see data sheet PD30C). Special kits are available for testing pipeline coatings (see data sheet PD30P) and for checking porosity in bridge deck and roofing membranes (see data sheet PD30R).

### **BASIC KIT (ref: PD30) comprises:**

PD 130 unit with battery charger and 4 x re-chargeable batteries, power pack, 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: 1-30kV DC
- Adjustable DC alarm sensitivity: 10 – 450 uA
- Suitable for coating thicknesses 16 microns to 14.4 mm
- Operating time: 10 hrs (*tested as BSEN-50356 @ 30kV. 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