

The PHD Pro'30 range of high-voltage DC holiday detectors are ideal for rapid and effective holiday testing of a wide range of non-conductive coatings and linings for porosity, faults and defects.



#### FEATURES

- Compact and portable
- Simple to use
- Clear display and controls
- Visual and audible alarm with volume control
- Automatic output voltage selector
- Accurate sensitivity control
- Compatible with older PD accessories
- Robust cast aluminium outer casing
- One year 'back to base' warranty
- CE approved

#### TECHNICAL SPECIFICATIONS

- Output voltage range: 1 to 30kV DC
- Alarm sensitivity range: 10 to 450µA (pre-set to 350µA)
- Coating thickness range: 16µm to 14.4mm
- Built-in test voltage formula: NACE SP0274
- Unit weight: 1.64Kg
- Unit dimensions: 172mm x 85mm x 235mm
- Handle weight: 720g
- Handle dimensions: 290mm x 85mm
- Packed weight: 9.4kg
- Packed dimensions: 580mm x 440mm x 250mm

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

Battery-powered and fully portable; the **PHD Pro'30** has an output voltage range of 1-30kV, making it able to perform high-voltage holiday tests on coating thicknesses from 16µm to 14.4mm.

The **PHD Pro'30B** kit contains everything required to perform basic holiday testing procedures immediately and an extensive range of accessories and electrodes are available separately.

We also offer a **PHD Pro'30S (standard)** kit which includes additional accessory and electrode options.

Additionally, a **PHD Pro'30C (complete)** kit is available; comprising an extensive range of accessories and electrodes; all supplied in a robust foam-lined transit case.

#### BASIC KIT INCLUDES

- PHD Pro'30 DC holiday detector unit
- Test probe handle
- Coiled interconnecting lead
- Drum brush electrode
- Set of 4 alkaline batteries
- 5m earth lead on reel
- ESD anti-static wrist band
- User instruction manual
- Calibration certificate
- Supplied in a protective executive-style case

#### ACCESSORIES AVAILABLE



Battery Charger  
(A101)  
6005-0009



Rechargeable  
D-Cell Battery (A102)  
6005-0022



332mm Test Probe  
Extension Rod (AA1)  
6005-0459



Shoe Attachment  
(A12)  
6005-0058



PHD Pro' Carrying  
Bag (PHDP2)  
6005-0456



332mm Test Probe  
Extension Rod End  
Section (AA2)  
6005-0460



Coiled  
Interconnecting  
Lead  
6005-0451



Knurled Thumb-Nut  
& Back Nut (AA3)  
6005-0465



Phosphor-Bronze  
Electrodes  
See Data Sheet E1

#### 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 all PHD Pro' 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 phone or email using the contact details below.

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