

The PHD Pro'6 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: 0.5-6kV DC
- Alarm sensitivity range: 10 to 450µA (pre-set to 350µA)
- Coating thickness range: 4µm to 576µm
- 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: 13.6kg
- Dimensions (packed): 510mm x 250mm x 630mm

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'6** has an output voltage range of 0.5-6kV, enabling it to perform high-voltage holiday tests on coating thicknesses from 4µm to 576µm.

The **PHD Pro'6C (complete kit)** comprises an extensive range of accessories and electrodes; supplied in a robust, foam-lined case.

The kit contains everything required to test a variety of coatings and its high-visibility transit case protects the **PHD Pro'6C** during transport whilst remaining conveniently portable.

COMPLETE KIT INCLUDES

- PHD Pro'6 holiday detector, probe handle & interconnecting lead
- Drum brush electrode
- 4 x rechargeable D-cell batteries and charger
- 5m earth lead on reel
- ESD anti-static wrist band
- 75mm pointed probe electrode
- 2 x 332mm insulated mid-section extension rod
- 1 x 332mm insulated end-section extension rod
- 250mm straight phosphor-bronze brush electrode (45° angled)
- Knurled thumb-nut & back nut (for electrode attachment)
- Test voltage calculator
- Carry bag with shoulder strap
- User instruction manual and calibration certificate
- Supplied in a robust, high-visibility transit case

ACCESSORIES AVAILABLE



Battery Charger
(A101)
6005-0001



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



High-Visibility
Transit Case
(PHDPC3)
6005-0457



Insulated Extension
Rod Mid-Section
(AA1)
6005-0459



PHD Pro' Carrying
Bag (PHDP2)
6005-0456



Test Voltage
Calculator (A50)
6005-0083



Silicone Rubber
Electrodes
See Data Sheet E2



Insulated Extension
Rod End-Section
(AA2)
6005-0460



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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