

The PHD Pro'40 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: 2 to 40kV DC
- Alarm sensitivity range: 10 to 450µA (pre-set to 350µA)
- Coating thickness range: 64µm to 25.6mm
- 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: 11.4kg
- 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.

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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Battery-powered and fully portable; the PHD Pro'40 has an output voltage range of 2-40kV, making it able to perform high-voltage holiday tests on coating thicknesses from 64µm to 25.6mm.

The PHD Pro'40S (standard/pipeline) kit includes a selection of accessory and electrode options; all supplied in a protective case. An extensive range of accessories and electrodes are available separately.

We also offer a PHD Pro'40C (complete) kit is available; comprising an extensive range of accessories and electrodes; all supplied in a robust, foam-lined transit case.

STANDARD/PIPELINE KIT INCLUDES

- PHD Pro'40 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
- Trailing earth lead
- 1 x 332mm insulated mid-section extension rod
- 1 x 332mm insulated end-section extension rod
- Rolling spring electrode shoe, screwdriver & knurled locknut
- 250mm phosphor-bronze brush electrode
- Carry bag with shoulder strap
- Instruction manual, calibration certificate & test voltage calculator
- Supplied in a protective executive-style case

ACCESSORIES AVAILABLE



Curved Silicone Rubber Electrodes
6005-0163 to 6005-0174,
6005-0272, 5060-0066)



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



Rolling Spring Electrodes
6005-0201 to 6005-0221



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



PHD Pro' Carrying Bag (PHDP2)
6005-0456



Test Voltage Calculator (A50)
6005-0083



Curved Phosphor-Bronze Electrodes
See Data Sheet E1



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



Straight Phosphor-Bronze Electrodes
See Data Sheet E1