

The Geo Pro' is a geomembrane integrity testing kit which uses Buckleys tried and tested high-voltage DC technology for the post-installation testing of geomembranes for leaks and faults prior to going in to service.



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 a wide range of 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 450 μ A (pre-set to 350 μ A)
- Coating thickness range: 64 μ m 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: 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 **Geo Pro'** detects an electrical path to earth through leaks and defects in non-conductive geomembrane materials from 64 μ m to 25.6mm in thickness.

As the electrode is 'swept' over the geomembrane's dry surface, any faults which allow current to pass to earth trigger the detector's alarm system; alerting the user.

The **Geo Pro'** contains everything required to start testing immediately, including an extensive range of accessories and electrodes; all supplied in a robust, foam-lined transit case.

COMPLETE KIT INCLUDES

- Geo Pro' detector unit, probe handle & interconnecting lead
- Drum brush electrode
- 4 x rechargeable D-cell batteries and charger
- 5m earth lead on reel
- 50m earth extension lead
- ESD anti-static wrist band
- 75mm pointed probe electrode
- 2 x 330mm insulated mid-section extension rod
- 1 x 330mm insulated end-section extension rod
- 450mm 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, foam lined, high-visibility transit case

ACCESSORIES AVAILABLE



1m Straight Silicone Rubber Electrode



Geo Bar 1m Rolling Electrode System



600mm Straight Phosphor-Bronze Brush Electrode



Insulated Extension Rod Mid-Section



500mm Earthing Spike



100m Earth Extension Lead



1000m Polywire Earth Wire



Insulated Extension Rod End-Section



Padded Carry Bag with Shoulder Strap

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 9001:2015 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 Geo Pro' leak 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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