

The Geo Pro2 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 being placed in service, and can easily test 1000m² per hour in ideal conditions.



The Geo Pro2 caters for a variety of applications and the wide range of accessories and electrodes available allows the Geo Pro2 to adapt to specific testing requirements.

The Geo Pro2 is the result of an exhaustive research, development and design programme which brings the latest technology to the instrument along with a complete redesign of the user interface and a large multi-colour display; making navigating its menus easier than ever and the Geo Pro2 the safest, most intuitive and simple-to-use instrument Buckleys have made yet.

The Geo Pro2's robust and fully-enclosed design comes with an IP65 rating and enables it to withstand the rigours of daily use in challenging environments with ease.

Features

- Compact and portable
- Simple to use
- Multicolour display
- Menu available in EN, FR, DE, ES, IT, PT, PI, TR, RU, NL
- Visual and audible alarm with volume control
- Automatic output voltage selector via a range of standards
- Accurate sensitivity control
- IP65 ingress protection rating
- Compatible with PHD Pro¹ accessories
- Robust powder-coated, cast aluminium enclosure
- One year 'back-to-base' warranty
- CE and UKCA approved

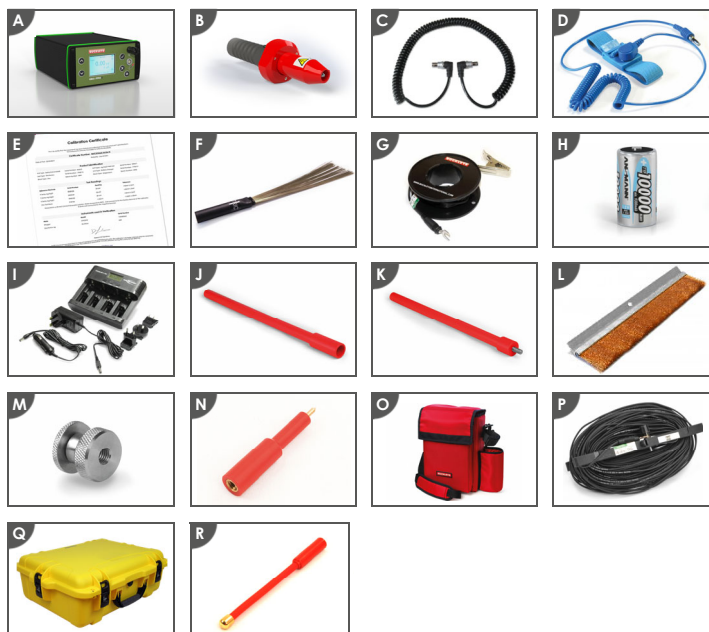
Specifications

- Output voltage range: 0.9kV – 40kV
- Membrane thickness: Up to 25.6mm (using NACE SP0274)
- Sensitivity threshold range: 10µA - 450µA (factory-set to 200µA)
- Meter accuracy: <10kV: +/- 10V. >=10kV +/- 100V
- Built-in test standards: NACE SP0274/NACE SP0490/ NACE SP0188/ ASTM D5162/ASTM G62/ISO 21809-2*
- Unit weight: 1.64kg
- Handle weight: 720g
- Packed weight: 13.3kg
- Unit dimensions: 172mm x 85mm x 235mm
- Handle dimensions: 290mm x 85mm
- Packed dimensions: 510mm x 250mm x 630mm
- Battery type: 4 x D-cell/LR20

* These standards are pre-programmed and are provided for convenience. However, it is the user's responsibility to ensure that the correct settings are chosen for the intended application of this unit.

Kit includes

Item	Description
A	Geo Pro2 unit (6002-0105)
B	Probe handle (6005-0503)
C	Interconnecting lead (6005-0517)
D	ESD Anti-static wristband (4016-0132)
E	Calibration certificate (5830-0054)
F	150mm stainless steel drum-brush electrode (6005-0237)
G	5m earth lead on reel (6005-0073)
H	4 x rechargeable batteries (6005-0002)
I	Battery charger (1002-0027)
J	2 x 332mm mid-section extension rods (6005-0459)
K	1 x 332mm end-section extension rod (6005-0460)
L	450mm phosphor-bronze brush electrode (6005-0027)
M	Knurled thumb-nut & back-nut (6005-0465)
N	Pointed probe electrode (6005-0236)
O	Padded carry bag with shoulder strap (6005-0456)
P	50m earth extension lead (6005-0076)
Q	High-visibility robust, CNC router cut foam-lined transit case (6005-0457)
R	flexible electrode (6005-0239)



Optional Accessories

Item	Description
1	Polywire grounding cable 1000m (6005-1014)
2	1000mm Copper Plated Ground Stake (6005-0529)
3	600mm roller electrode (5700-0035)
4	1.2m straight silicone rubber electrode (6005-0266)



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. 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 telephone or e-mail using the contact details below.

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