

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 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.

Kit includes

Item	Description
A	main detector unit (5700-0372)
B	test probe handle and nosecone (6005-0503)
C	interconnecting lead (6005-0504)
D	anti-static wristband (4016-0132)
E	calibration certificate (5830-0054)
F	150mm stainless steel drum brush electrode (6005-0237)
G	5m earth cable on reel (6005-0073)
H	D-cell rechargeable batteries x4 (6005-0002)
I	battery charger with power adaptors and in-car charger (1002-0027)
J	mid-section extension rod x2 (6005-0459)
K	end-section extension rod (6005-0460)
L	450mm straight phosphor-bronze brush electrode (6005-0027)
M	test-voltage calculator (6005-0083)
N	pair of knurled locknuts (6005-0465)
O	pointed probe electrode (6005-0236)
P	padded carry bag with shoulder strap (6005-0456)
Q	50m earth extension cable (6005-0076)
R	high-visibility transit case with CNC router cut insert (6005-0457)
S	flexible electrode (6005-0239)

Optional Accessories

Item	Description
1	1000m polywire earth wire (6005-1014)
2	750mm earthing rod (2006-0046)
3	500mm roller electrode (6005-0034)
4	1.2m straight silicone rubber electrode (6005-0266)

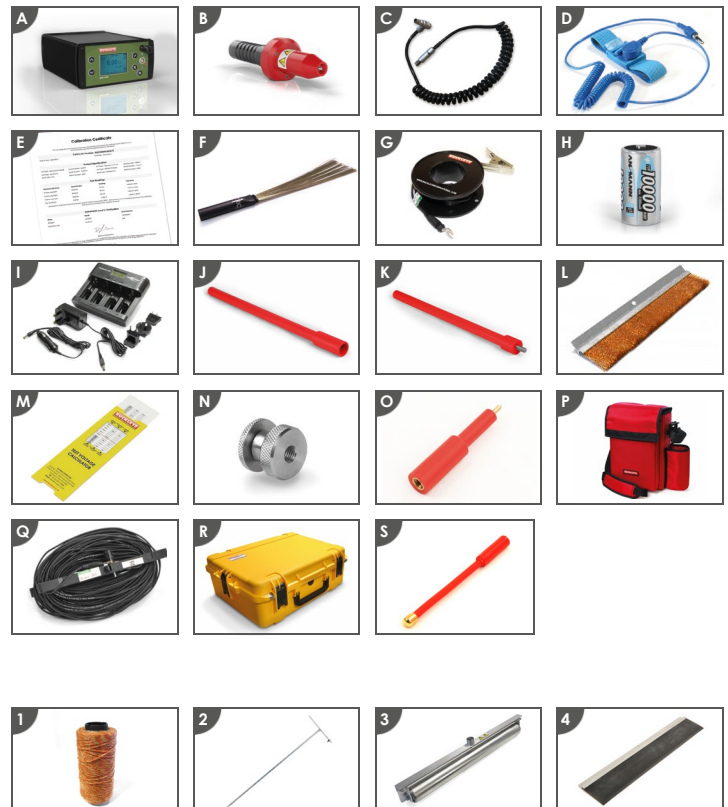
Features

- Compact and portable
- Multi-colour display
- Simple scrolling menu navigation with 12 language options
- Visual and audible alarm with volume control
- Automatic output voltage selector via a range of standards
- Accurate sensitivity control
- IP65 ingress protection rating
- Robust aluminium outer casing
- One year back-to-base warranty
- CE and UKCA approved

Specifications

- Output voltage range: 0.9kV – 40kV
- Membrane thickness: 13µm – 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 D5172/ASTM G62/ISO 21809-2*
- Unit weight: 1.64kg
- Handle weight: 720g
- Packed weight: 13.6kg
- Unit dimensions: 172 x 85 x 235mm
- Handle dimensions: 290 x 85mm
- Packed dimensions: 510 x 250 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.



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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