DATA SHEET 6003-0036

Wet Roof Pro2 – flat roof leak detector kit

www.buckleysinternational.com

The Buckleys Wet Roof Pro2 leak detector kit has been developed to identify and locate leaks in flat roofs. The instrument can be used on any non-conductive roof surface such as hot-melt, asphalt and single-ply roofing membranes providing the surface and the underlying structure is sufficiently soaked. Additionally, the Wet Roof Pro2 incorporates a Wet Sponge feature, allowing the easy testing of upstands and other vertical surfaces.

The Wet Roof Pro2 generates electrical current within the water on the roof's surface. Leaks in the roof membrane allow water to flow through and contact earthed areas of the structure; completing an electrical circuit.

The Detector unit uses two test probes to track the magnitude and direction of current flow to earth and enables the user to locate the leak.

Note: Due to ongoing technical developments, all stated information is typical and is subject to change without notice or obligation.

Features

- Easy to set up and use
- Lightweight
- Increased detector sensitivity
- Includes sponge electrode
- Microprocessor controlled generator & detector
- Clear backlit LCD displays
- Ergonomic detector case with neck strap
- Compact carry case
- One year 'back-to-base' warranty
- Fully UKCA & CE compliant

Specifications

Generator – Wet Roof Mode
- Output voltage: 12-32V DC user adjustable
- Output power: <10 watts

Generator – Wet Sponge Mode
- Output voltage: 9-90V DC user adjustable with 5 presets
- Alarm Threshold: 100-1200mA user adjustable

Detector
- 24-bit ADC; 7V Full-Scale Deflection
- Temperature range: 0°C to +40°C

Kit
- Mains voltage for charging: 100 to 240V AC 50/60 Hz
- Working altitude: <2000m
- Temperature range: 0°C - +40°C

Weight:
- 2.1Kg (generator unit incl. batteries)
- 0.58Kg (detector unit incl. batteries)
- 13.4Kg (complete kit)

Dimensions:
- 169mm x 80mm x 235mm (generator unit)
- 189mm x 37mm x 138mm (detector unit)
- 660mm x 515mm x 230mm (transit case)
- 660mm x 515mm x 230mm (full kit, packed)

Kit includes

Item	Description
A	Wet Roof Pro2 Generator **(5700-1148)**
B	Wet Roof Pro2 Generator Black Carry Bag **(6003-0025)**
C	10m Earth lead - red **(6003-0019)**
D	10m Earth lead - black **(6003-0018)**
E	Wet Roof Pro2 Detector **(5700-1485)**
F	Wet Roof Pro2 Detector Pouch **(6003-0026)**
G	1m red lead **(6003-0016)**
H	1m black lead **(6003-0017)**
I	Battery charger **(1002-0027)**
J	D-cell Rechargeable battery x4 **(6005-0002)**
K	AA Rechargeable battery x4 **(6003-0029)**
L	100m stainless-steel wire on reel **(6005-0492)**
M	Seam probe tool **(6005-0021)**
N	Yellow wax crayon **(6005-0050)**
O	Electrode handle - red **(5700-0558)**
P	Electrode handle – black **(5700-0557)**
Q	Ball end tip x2 **(6003-0035)**
R	Extension pole assembly x6 **(5700-0098)**
S	Wet sponge electrode **(5700-1507)**
T	Wet Roof Pro2 transit case **(6003-0037)**
U	Instruction manual **(5830-0084)**
V	Certificate of test and conformity **(5830-0054)**

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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