

The ST-AC Pro' AC spark tester provides a quick and effective means of inspecting thicker coatings and linings. It is particularly useful for checking butt-welded and overlap joints on plastic fabrications.



FEATURES

- Strong aluminium case
- Mains powered
- Adjustable output voltage
- Illuminated 'output-on' indicator
- 2 metre test probe handle lead
- 2 metre mains lead (longer lead can be supplied)
- Large carrying handle/desk stand
- Wide range of accessories available
- CE approved

TECHNICAL SPECIFICATIONS

- Output voltage range: 10-55kV peak high-frequency AC
- Output frequency: 100kHz ring pulsed at 50Hz @ 50Hz mains supply
- Mains voltage: 110 or 230V AC 50/60Hz
- Weight (unit only): 4.05Kg
- Dimensions (unit only): 175mm x 90mm x 235mm
- Weight (handle): 0.6Kg
- Dimensions (handle): 30cm x 8cm
- Packed weight (standard kit): 6Kg
- Dimensions (packed): 370mm x 360mm x 300mm
- Compliant with CEN/TC 249/SC5/WG2 Testing of Welded Joints (PREN 13100-4 HV Testing)

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

The ST-AC Pro' can detect flaws and defects in non-conductive membranes up to 30mm in thickness and is extensively used in the petrochemical, pipeline construction, plastic and rubber manufacturing industries.

Fully CE compliant, the ST-AC Pro' is supplied with a 150mm flexible probe which is suitable for most uses.

Insulated extension rods, electrodes and accessories are available for specific applications. To ensure stability of the output voltage, the maximum recommended electrode size is 150mm for all high frequency equipment.

A comprehensive kit with accessories is also available – see datasheet **T7PA**.

STANDARD KIT COMPRISES

- ST-AC Pro' unit with test probe handle
- 150mm flexible probe
- 2m mains lead
- Comprehensive instruction manual

ACCESSORIES AVAILABLE



Drum-Brush Electrode (E912)
6005-0237



Phosphor-Bronze Brush Electrode (E104)
See data sheet E1



Nose Cone (T8B)
6000-0012



Spark Gap Setter (A2)
6005-0064



250mm Gauze Mesh Electrode (E901)
See data sheet E3



330mm Insulated Extension Rod Mid-Section (AA1)
6005-0049



Pointed Probe Electrode (E910)
6005-0236



Spark Tester Adaptor (A4)
6005-0080



330mm Insulated Extension Rod End-Section (AA2)
6005-0460

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 ST-AC Pro' AC spark tester. 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.

Buckleys (UVRAL) Ltd.

Buckleys House, Unit G, Concept Court, Shearway Business Park, Shearway Road, Folkestone, Kent. CT19 4RG. UK

Tel: +44 (0)1303 278888 Fax: +44 (0)1303 274331 Email: sales@buckleys.co.uk Website: www.buckleysinternational.com