

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.

IMPORTANT: Service and repair of this product and its components **MUST ONLY** be undertaken by trained, approved technicians working in full accordance with Buckleys' service guidelines. Failure to do so may expose the operator to potentially lethal voltages. **Under no circumstances** should anyone other than trained approved technicians attempt to dismantle or repair this product.

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 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.

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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 **6000-0017 ST-AC Pro' AC Spark Tester Complete Kit**.

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
6005-0237



Phosphor-Bronze Brush Electrode
See data sheet E1



Nose Cone
6000-0012*



Spark Gap Setter
6005-0064



250mm Gauze Mesh Electrode
See data sheet E3



330mm Insulated Extension Rod Mid-Section
6005-0459



Pointed Probe Electrode
6005-0236



Spark Tester Adaptor
6005-0080



330mm Insulated Extension Rod End-Section
6005-0460



6M Ground Cable
6005-0364

* Only available to certified dealers