

ST-AC PRO SPARK TESTER

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)

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



E4 Gauze electrode



E5 Flexible probe

E7 Pointed probe



E6 Steel brush Electrode

E8 Copper brush electrode



E9 200mm extension rod

E10 450mm extension rod