



The PST100 110V Spark Tester provides a quick and cost effective method of inspection on thick coatings and linings. Coating thicknesses of between 3mm and 30mm can be tested.

It can be widely used for testing butt-welded and overlap joints in the plastics & rubber, petro-chemical and pipeline construction industries.

A flexible probe is included with the unit but additional insulated extension rods and electrodes can be supplied if required. However, to ensure the stability of the output voltage, large electrodes should not be used. The recommended maximum size is 150mm

A specially designed accessory kit is available which includes an executive-style carrying case and a range of electrodes suitable for use with the PST Spark Tester (see data sheet T53).

**BASIC KIT (ref: T52)** comprises:  
PST100 110V unit, mains, 150mm long flexible probe and operating instructions

### FEATURES

- Lightweight / Ergonomically designed
- Mains powered
- Adjustable output voltage
- Power limited output for operator safety
- Coating thicknesses of between 3mm and 30mm can be tested

### ACCESSORIES AVAILABLE

Spark Gap Setter – for setting the output voltage (our ref: A2)

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

### TECHNICAL SPECIFICATION

- Output voltage range: 10 - 55kV
- Output: Pulsed ring
- CE compliant
- Mains voltage:  
110V AC 50/60 Hz (Ref: T52)
- Weight (unit only): 1.05Kg
- Dimensions (unit only): 6cm wide x 20cm high x 27cm long
- Packed weight (basic kit): 1.4Kg
- Dimensions (packed): 41cm x 36cm x 14cm

### 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.

Buckleys provide full repair 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 telephoning, sending a fax or by e-mail 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  
e-mail: sales@buckleys.co.uk website: www.buckleys.co.uk**