

ST-AC 100 SPARK TESTER



- Rugged aluminium cased unit
- Suitable for site use - carrying case available
- Output voltage adjustable between 5kV to 55kV
- Suitable for 110Vac and 230Vac power supplies
- Variety of test probes available
- Suitable for continuous use

The ST-AC 100 spark tester is a rugged electro-mechanical generator producing an output voltage that is adjustable between 5kV and 55kV. The tester can be powered by either 110Vac or 230Vac mains supply, switched by a voltage selector on the rear of the generator unit.

The unit is housed in an aluminium case with a large carrying handle. An optional carrying case is available with a shoulder strap to facilitate site use.

The test probe handle is connected to the generator by a 2 metre cable and the unit is supplied with a 150mm flexible probe.

The spark output voltage is adjusted using a rotary control on the generator front panel. The test probe high frequency coil is a plug in type to facilitate easy replacement.

The ST-AC 100 is suitable for continuous inspection on thicker coatings and linings up to 30mm. A fault in the coating under inspection is indicated by spark formation. Power output is limited for operator safety.

The unit is approved to EU directive 89/336/EEC and carries the CE mark.

SPECIFICATON

Supply voltage :	110Vac or 230Vac 50/60Hz Selected at back of unit
Power drain :	48 Watts
Output voltage :	5kV to 55kV
Output frequency :	100kHz ring pulsed at 25KHz @ 50Hz mains supply
Operating temperature :	0 to 30°C
Storage temperature :	-10 to 40°C
Generator weight :	3.4 Kg
Probe weight :	0.6 Kg

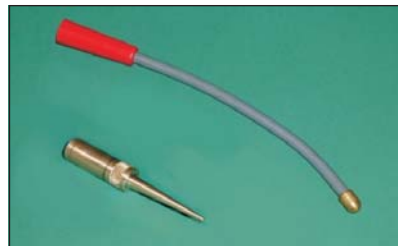
STANDARD ITEMS

Product description	Part Number
Spark tester	ST-AC-100
Carrying case	ST-10

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