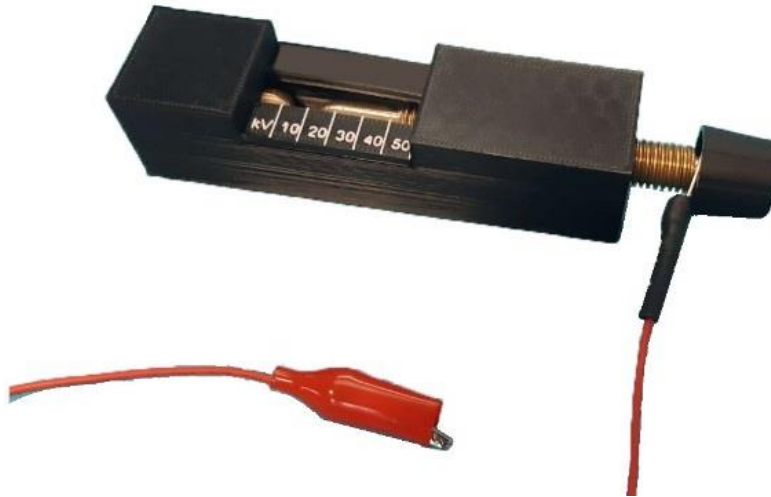


## Spark Tester Calibrator



- Allows on-site calibration of the SP1/D Spark Tester
- Suitable for use with both 110v and 240v versions

### Applications

The SPT (Spark Tester Calibrator) has been designed for use with the SP1/D High Frequency Spark Tester. It allows the scale on the back of the unit to be re-calibrated when necessary and can be used to set the output spark to a pre-set voltage level.

It should be noted that the calibration can only be approximate as variations in ambient temperature, air pressure and humidity will affect the spark gap that a certain voltage can cross. Further details can be found in: IEC60060-1.

### Safety Precautions

Accidental touching of the probe will cause a shock. Whilst it is painful and unpleasant it is not dangerous.

**DANGER** – Do not use this calibrator or the SP1/D Spark Tester in any combustible or flammable atmosphere as a test voltage will cause an arc or spark in which an explosion could result.

Any exposed metal used in conjunction with this tester should (if possible), be securely connected to earth or ground to avoid others receiving an electric shock (should they come into contact with the exposed metal).

All hand held voltage test equipment, must be operated by responsible and authorised personnel and yellow warning labels should be permanently displayed. When the equipment is in use and should the operator accidentally make contact with the test electrode, he may experience a mild shock or zapp and in order to avoid this possibility, the wearing of rubber or plastic gloves and conductive footwear is recommended. Furthermore the operator should enjoy good health and not suffer from a cardiac condition. Usage of the equipment is confined to the following specification.

**DO NOT TOUCH OR HOLD THE CALIBRATOR WHILST THE SPARK TESTER TRIGGER IS DEPRESSED.**