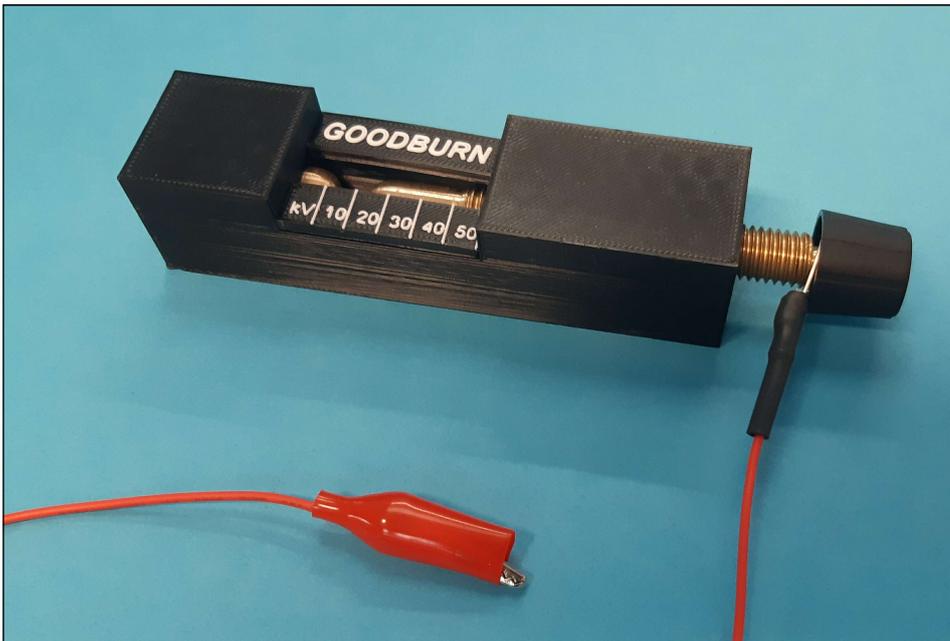


CAL55 SPARK TESTER CALIBRATOR



NEW
PRODUCT

- **Allows on-site calibration of the E1/D spark tester**
- **Suitable for use with both 110v and 240v E1/D spark testers**

APPLICATIONS

The CAL55 calibrator has been designed for use with the E1/D high frequency spark tester. It will allow 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 E1/D spark tester in any combustible or flammable atmosphere as a test voltage will cause an arc or spark and an explosion could result. Therefore the Plant or Safety Officer should be consulted before proceeding with a test.

Any exposed metal used in conjunction with the 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 high voltage test equipment, must be operated by responsible and authorised personnel and yellow warning labels should be prominently 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 E1/D SPARK TESTER TRIGGER IS DEPRESSED.

STANDARD ITEM

| Product description | Part Number |
|---------------------|-------------|
| E1/D Calibrator | CAL55 |