**Specification for dielectric strength tester**

Device description: The device is for the determination of the dielectric strength of insulation materials.

TFK requirements:

* Performing 50kV AC/DC tests
* Oil bath
* Plates (e.g. 100mmx100mmx1mm) will be tested.
* Thermostating
* Factory calibration certificate, optional accredited certificate
* Measurement accuracy +/- 0.05 kV
* Leakage current measurement (optional)
* Adjustable voltage rise time
* Adjustment of the time of application of the reference voltage
* Possibility of use of electrodes in different shapes
* Possibility of data recording (including breakdown voltage); connection to PC
* Possibility of easy calibration by the manufacturer in the event of recalibration (free calibration during the warranty period. Out-of-warranty - quotation).
* Training in the use of the device.
* Guarantee min. 12 months
* Lead time max. 5 months
* The Bidder shall specify the requirements for installing the equipment as follows

Date of specification: 04.04.2024

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