

# TOR-80

The TOR-80 unit is designed to determine the electric breakdown voltage of transformer oil and other liquid dielectrics in accordance with IEC 60156, ASTM D877, ASTM D1816, GOST 6581.

It is a fully automatic device that allows testing to be performed according to the procedures specified in these standards, as well as user procedures specified in the appropriate section of the setup menu.



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Item	Value
Operating AC voltage, V	85 - 264
Frequency, Hz	48 – 63
Power requirement, VA	Below 250
Max output voltage, kV	Sinusoidal, up to 80 kV
Output voltage measurement tolerance, %	±2
Voltage increase rate, kV/sec	From 0,1 to 5*
Output voltage display resolution, V	100
Output voltage shutoff time, ms	10 max 4 normal
Measuring cell volume, cm <sup>3</sup>	500
Ambient temperature measurement range, °C.	0 – 100
Temperature measurement resolution, °C.	1
Integrated printer	Included
Operating temperature, °C	0 – 50
Storage temperature, °C	– 20 to + 60
Relative humidity, %	Up to 90 with no condensation
Dimensions, mm	490 X 320 X 300
Weight, kg, max	25

\*Configurable