

# TOR-80

TOR-80 measures the breakdown voltage of transformer oils and other liquid dielectrics in accordance with IEC 60165, ASTM D877, ASTM D1816.

It is a fully automated device, which performs the test according to the specifications of these standards. It is also possible to select user-specified test parameters through the control menus.



# TOR-80

Item	Value
Operating AC voltage, V	85 - 264
Power frequency, Hz	48 – 63
Power requirement, VA	Not more than 250
Max output voltage, kV	Sinusoidal, Up to 80 kV actual
Output voltage measurement tolerance, %	±2
Voltage increase rate, kV/sec	From 0.1 to 5*
Resolution of output voltage indication, V	100
High voltage shutoff time after breakdown, ms	10 max, 4 typical
Measuring cell volume, cm <sup>3</sup>	500
Oil sample temperature range, °C	0 – 100
Temperature measurement resolution, °C	1
Integrated printer	Yes
Operating temperature, °C	0 - 50
Storage temperature, °C	From – 20 to + 60
Relative humidity, %	Up to 90 without condensation
Dimensions, mm	490X320X300
Weight, kg, not more than	25

\*Adjustable