

Technical Specification
DIELECTRIC BREAKDOWN TESTER

1.	To Measure Breakdown Voltage & Strength: ASTM D 149 & ISO 1235, BS 2782 Method 201, IS 2484.	
2.	Maximum Capacity	100 kV
3.	Electrodes	Brass Electrodes, Opposite cylindrical type of 25mm dia. and thick suitable for plastics, rubbers & laminates.
4.	Meter range	Accuracy $\pm 5\%$ of full scale.
5.	Resolution	0.5 KV
6.	Short Circuit Current	10, 15, 20, 25, 30, 35, 40, & 50 A
7.	Voltmeter	0-100 kV
8.	Rate of rise of Voltage	100 & 500 Volt/ sec
9.	Test atmosphere	Air and oil
10.	Test Temperature in Oil	Ambient to 100 ⁰ C
11.	Optional	Voltage stabilizer and UPS for matching the output of the system.