

BreakDown Voltage

Principle

The sample is subjected to an increasing voltage (up to several tens of kV).
 Samples are solid plates, thin films, fluids and greases.

Capabilities

- Solid Electrical Insulation (ASTM D149/IEC 60243-1)
- Insulating liquids (ASTM D877)
- Wires Insulation (ASTM D3032/IEC 60851-5)

Assets

	Asset	Details
	Hypotronic High Voltage Electrometer	Supplies 50 Hz AC current up to 150 kV
	BreakDown Cables	ASTM D3032
	BreakDown fluids	ASTM D877
	BreakDown in air for plates	ASTM D149
	BreakDown in oil for plates	ASTM D149
	BreakDown in oil for plates	