



HMI-Based High Voltage Breakdown Tester

The High Voltage Breakdown Tester is used to evaluate the dielectric strength of insulation in electrical appliances by applying high AC voltage across critical points. It ensures that the equipment can withstand over-voltage conditions without breakdown or arcing. This model comes with an HMI interface for easy control and real-time monitoring.

Model No. : HAP5



Product Features

- Conforms to IS and IEC standards for dielectric strength
- Programmable via HMI for automated test sequences
- Fail/pass indicators with memory for up to 999 test records
- Provides insulation quality verification under stress
- Built-in protection ensures safe operator handling





Technical Specification

Parameter	Specification
Output Voltage	0–5 kV AC
Output Current	Max. 250 mA
Control Interface	HMI touchscreen
Output Regulation	Manual or programmable (via HMI)
Safety Features	Emergency stop, over-current trip
Output Display	Digital volt and current meters
Test Mode	Ramp, hold, and trip
Output Probe	Safety probe with shielded cable

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