



HMI-Based Tracking Index Test Apparatus

The Tracking Index Test Apparatus is used to evaluate the resistance of insulating materials to tracking — a type of electrical degradation caused by moisture and contaminants. It applies high voltage between two electrodes placed on the test surface, and the current flow is observed for insulation breakdown

Model No. : HAP1



Product Features

- Accurately determines Comparative Tracking Index (CTI)
- Platinum-plated electrodes ensure reliable and repeatable testing
- Programmable test parameters through HMI
- Built-in safety features and automatic tripping
- Conforms to IS and IEC test procedures for insulating materials





Technical Specification

Parameter	Specification
Output Voltage	0–200 V adjustable
Output Current	2 A max
Tripping Current Setting	0.5 A
Running Current Setting	1 A
Electrode Material	Titanium base with platinum-plated tips
Timer	Digital countdown with preset test duration
Control Interface	HMI-based touchscreen
Safety Interlocks	Overcurrent protection, test enclosure

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