



## Circuit Breaker Test Apparatus

The Circuit Breaker Test Apparatus is used to evaluate the electrical and mechanical performance of miniature and molded-case circuit breakers. It simulates fault conditions and verifies tripping behavior, operating time, endurance, and contact integrity.

**Model No. : HAP22**



## Product Features

- Enables testing of thermal, magnetic, and instantaneous tripping
- Validates IS/IEC-defined performance criteria for circuit breakers
- Supports overload and short-circuit simulation
- Records multiple parameters in a single test cycle
- Optional PC interface for data logging and report generation





## Technical Specification

Parameter	Specification
<b>Voltage Range</b>	0–300 V AC / DC
<b>Current Injection Range</b>	0.5 A to 100 A (customizable models)
<b>Tripping Time Resolution</b>	1 ms
<b>Display</b>	Digital – Voltage, Current, Time
<b>Operating Cycles</b>	Programmable count (0–999999)
<b>Control System</b>	Manual/PLC based (optional HMI)

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