



HMI-Based Endurance Test Apparatus for Fan

This apparatus is designed to assess the mechanical and electrical durability of ceiling and pedestal fans under repetitive on/off cycles. It simulates continuous operation over defined hours while monitoring key electrical parameters. The HMI interface provides user-friendly control and automation of endurance cycles.

Model No. : HAP7



Product Features

- HMI-based interface for automated test execution
- Simulates real-world power cycles with high repeatability
- Integrated counter and hour meter for duration tracking
- Designed for continuous fan performance testing per BIS
- Overload and thermal protection for safe operation





Technical Specification

Parameter	Specification
Voltage Range	0–300 V AC
Wattage Range	0–4000 W
Control System	HMI with programmable ON/OFF cycles
On/Off Timer	Digital timer (0–99 hours)
Digital Counter	0–999999 counts
Hour Meter	Real-time hour tracking
Variac Rating	15 Amp for voltage adjustment

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