



HMI-Based Endurance Test Apparatus for IS 374 (Ceiling Fans)

This apparatus is designed to test the electrical and mechanical endurance of ceiling fans in compliance with IS 374. It automates ON/OFF cycles, voltage variation, and speed regulation over extended durations. The HMI interface allows full control and data logging for performance tracking.

Model No. : HAP20



Product Features

- Tailored specifically for IS 374 ceiling fan endurance compliance
- Simulates real-world switching and speed control cycles
- Tracks energy usage, voltage fluctuations, and runtime performance
- HMI provides easy monitoring, diagnostics, and data export
- Integrated overload protection and automated cut-off system





Technical Specification

Parameter	Specification
Voltage Range	0–500 V AC
Power Capacity	0–2000 W
On/Off Timer	Programmable (0–99 hours)
Cycle Counter	Digital, 0–999999 cycles
Hour Meter	Real-time runtime recording
Variac Capacity	10 Amp (manual or motorized control)
Control System	HMI with PLC interface

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