



PC-Based Endurance Test Apparatus with Loading Device

This apparatus is designed to evaluate the long-term operational performance and reliability of electrical appliances under cyclic loading. It automates ON/OFF operations, voltage fluctuations, and load application, recording all parameters in real time. Ideal for single-station endurance testing in R&D and compliance labs.

Model No. : HAP25



Product Features

- Simulates operational wear with programmable electrical load cycles
- Records voltage, current, wattage, and cycle counts continuously
- Loading device securely holds appliance during operation
- Real-time performance monitoring through PC software
- Essential for BIS type testing, R&D validation, and endurance life prediction





Technical Specification

Parameter	Specification
Voltage Range	0–300 V AC
Power Load Capacity	Up to 4000 W
Control Interface	PC Based Software (via USB or Ethernet)
Digital Counter	0–999999 cycles (resettable)
ON/OFF Timer	0–99 hours programmable
Hour Meter	Included (real-time)
Variac	15 Amp for voltage fluctuation simulation
Load Application	Automatic with locking fixture

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