



Endurance Test Apparatus for Electric Oven

This test apparatus is used to simulate repeated opening, closing, heating, and switching cycles in electric ovens. It evaluates the oven's control mechanisms, heating elements, and door integrity for mechanical and electrical endurance under extended use.

Model No. : HAP16



Product Features

- Simulates oven operation cycles (heating, door, timer, switch)
- Tracks number of operations to assess product reliability
- Configurable for grill, convection, and toaster ovens
- Designed for fatigue testing of thermal and mechanical components
- Ideal for compliance with IS 302 part-2 oven safety clauses





Technical Specification

Parameter	Specification
Voltage Supply	0–300 V AC
Programmable Timer	0–99 hours
Operation Counter	0–999999 cycles (digital)
Load Capacity	Up to 3 kW
Control Interface	Digital panel or PLC/HMI (optional)
Fixture	Custom jigs to replicate oven operation

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