



Automatic Glow Wire Test Apparatus

The Glow Wire Test Apparatus simulates thermal stress on materials due to glowing elements (like heating filaments or short circuits). It measures ignition resistance by applying a heated wire at 960°C to the test sample. This version includes full automation with speed-controlled trolley, force loading, and programmable time display.

Model No. : HAP13



Product Features

- Fully automatic flame application with linear trolley.
- Digital temperature control and timer with high precision.
- Complies with fire hazard and thermal resistance testing standards.
- Visual observation possible through safe transparent enclosure.
- Accurate measurement of ignition, flame persistence, and glow time.





Technical Specification

Parameter	Specification
Enclosure Size	800 mm × 800 mm × 800 mm
Temperature Range	Ambient to 960°C
Thermocouple Type	NiCrNi Type K, Ø1.0 mm
Sensor	0.5 mm high-sensitivity
Trolley Speed	25 mm/sec (programmable)
Display Time	Digital (0–99.9 seconds)
Current Source	Up to 230 V AC, 50 Hz
Load Weight	Powder-coated with exhaust fan
Control System	Manual / Automatic

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