Product name:	Product code:
Glow Wire Flammability Test Apparatus for Electrical Products	CMI-IND-0434

Description

Glow wire apparatus that presses a heated nickel-chromium loop against plastic parts to assess ignition and flame risk. Used by appliance, switchgear and connector makers.

Technical specification

- Glow wire
- Thermocouple set
- Tissue paper

A glow wire is heated to a set temperature between 550 and 960 deg C and applied to the specimen for 30 seconds under 1 N force. Ignition time, flame duration and burning drops are recorded to show whether parts meet safety limits.

Features

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- Digital thermocouple unit for glow wire temperature
- Constant 1.0 N application force
- Programmable 30 s application timer
- Burning chamber of 0.5 cubic metre with viewing window
- Tissue paper layer holder for drop test

Technical Specifications

Temperature range	500 to 1000 deg C
Application force	1.0 N +/- 0.2 N
Application time	30 s +/- 1 s
Chamber volume	0.5 m3
Penetration depth	7 mm max
Temperature accuracy	+/- 15 deg C
Standards	IEC 60695-2-10, IEC 60695-2-11, IS 11000
Power	230 V AC, 50 Hz

Standard Accessories