

## Product Information

### HTP-007 Glow-Wire Flammability Testing Instrument For Materials

#### Use:

This Glow Wire Flammability Index Test Machine is designed according to IEC60695-2-10: 2000 standard "glowing filament test method". It is applicable to electrical and electronic products, household appliances and materials fire hazard testing, simulate burning elements or overload resistance and the like heat or ignition source thermal stress caused by a short time.

Glow Wire Flammability Index Test Machine adopts chamber part and control part integrated design, convenient installation and debugging. Test chamber shell and important parts of stainless steel manufacturing, smoke, gas corrosion resistance; Automatic regulation control system adopts thyristor current, achieve the purpose of precise control temperature; Time, temperature digital display, easy observation records, stable and reliable use.

#### Standards:

IEC60695-2-10 /11 /12 /13 , IEC 60335-1 , IEC 60598-1 and IEC60745



#### Features:

- 1.0 They system comply with standards of IEC60695-2-10 :2013 ~ IEC60695-2-13 :2013,IEC 60335-1,IEC 60598-1 and IEC60745.
- 2.0 Glow wire material: Ni/Cr wire with 4 mm diameter
- 3.0 Temperature range: 50 °C ~ 960 °C
- 4.0 Current range: 0-200 Ampere
- 5.0 Input power: 220V/50Hz
- 6.0 Including thermocouple and 1°C resolution display to monitor the wire temperature
- 7.0 The travel unit and the glow wire is enclosed by a steel chamber
- 8.0 The chamber shall include a level and adjustable feet

## Technical Parameter performance

Glow wire	4mm ± 0.04mm Ni/Cr(80/120) special standard annular horizontal type
Thermocouple	0.5mm K-type,heatproof of 1100 °C ( better than standard 1050 °C )
Heating temperature	50 °C ~ 960 °C ( could be preset ) ,temp fluctuation < 3 °C
Pressure	1.0N±0.1N( adjustable )( better than standard 1.0N±0.2N)
Max depth	7mm ± 0.5mm ( adjustable )
Sample moving speed	10mm /s ~ 25mm /s
Test time	30s±0.1s(1s ~ 999.9s digital readout,preset )
Ignition plate thickness	10mm thick white pine plate with size of 12g /m <sup>2</sup> ~ 30g /m <sup>2</sup> , standard silk paper, 200mm ± 5mm under the glow wire
Test room	≥ 0.5m <sup>3</sup> ,black back, background illumination ≤ 20Lx ;
Size	L 1120mm × W 520mm × H 1250mm ,Gas vent 100mm
Power	1kVA 220V 50-