Product Information

HTB-066B Touch Screen Control Horizontal & Vertical Flammability Test Equipment

Use：

Test the flammability of the plastic material spare part in appliances. Flammability, combustion speed, flame spread, the intensity of combustion can be acquired during test automatically and precisely.
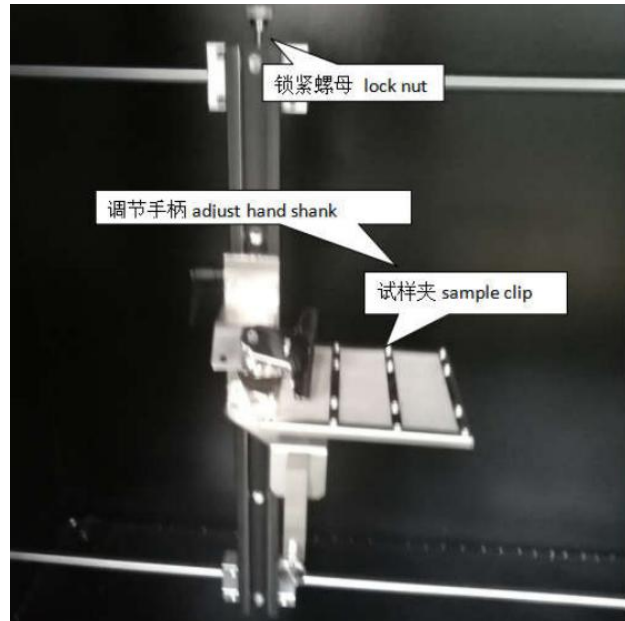
Standards:

Horizontal flame test: UL HB,　IEC 60695-11-10, IEC 60707, ISO 1210.

50W Vertical flame test: UL94, V0,V1,V2, IEC 60695-11-10, ISO 1210.

500W Vertical flame test: UL94 5VA,5VB, IEC 60695-11-3, ISO 9770.

Film material Vertical flame test: VTM-0,VTM-1,VTM-2, ISO 9773；

Foam material Vertical flame test:HF-1,HF-2, HBF, I SO 9772.

Main specification:

Combustion chamber: 0.7 CBM

Time adjustment of continuous flame: 0 ~ 99minutes99seconds

Time adjustment of afterflame: 0 ~ 99minutes99seconds

Time adjustment of afterglow: 0 ~ 99minutes99seconds

Flame height : is easy to adjust,from 20mm to 175mm according to the standard.

Timer: 0~999.9s+/-0.1 s (adjustable)

Burn angle: 0 °, 20 °,45 ° adjustable

Burner: inner diameter Ø9.5mm±0.3mm, (Bunsen burner) length of 100mm

Gas: 98% methane

Temperature testing range: 0~1000 degree

Combustion chamber size: 1350(W)×700(D)×1000(H)mm

Power: AC 220V , 50/60Hz, 2A

One strong plywood box packing, gross weight 100kg, size: 142*77*115cm

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Features:

Combustion chamber 0.7 CBM.

Large view window made of Acrylic sheet

Working table cabinet is optional.

Burner calibration kit is optional.

Burner angel adjustable 0, 20, 45.

Humboldt Tirrill burner made in USA inner diameter 9.5±0.3mm

Fan on the top to evacuate the exhaust during combustion test.

MFC control the height of flame

The sensor enable accurate position, the test starts timing automatically

Differential pressure gauge enable gas back pressure.

Auto Electric spark ignition.

PLC+7" digital display.

Liner combustion speed.

Calculate Liner combustion speed, display and save the data

Compare the standard referential data and the test result.

Horizontal or vertical test program changeable.

the alarm rings when the flame shock lasts 10s.

the gas supply is cut automatically when no operation is conducted in the chamber for 10 min.

Product Information

Items 02

HTB-066 UL94 Flammability of Plastic Materials Test Equipment

Use：

UL-94 Flame Retardant Tester is used for the flammability testing of plastic materials such as V-0 V-1,V-2, HB, 5V, HF-1 HF-2, HBF material or foam , and used in consumer electric devices and appliances for flammability rating assessment. Such as insulating housing of household appliances, switch panel,the printed circuit board and insulating material etc

Standards:

UL 94<<Test for Flammability of Plastic Materials for Parts in Devices and Applicances>> ,IEC60950:1999, IEC 707 ,ISO1210:1992 ,GB/T 5169, GB/T 4706.

Main specification:

Test room: 0.5 m³

Time adjustment of continuous flame: 0 ~ 99minutes99seconds

Time adjustment of afterflame: 0 ~ 99minutes99seconds

Time adjustment of afterglow: 0 ~ 99minutes99seconds

Flame height : is easy to adjust,from 20mm to 175mm according to the standard.

Timer: 0~999.9s+/-0.1 s (adjustable)

Burn angle: 20 °,45 °,90 ° (that is 0 °) adjustable

Burner: **inner diameter Ø9.5mm±0.3mm, (Bunsen burner) length of 100mm**

Gas: 98% methane

Temperature testing range: 0~1000 degree

Power: AC 220V,50Hz

Size:1100mm×700mm×1300mm

Accessories: Micro gas tanks, Micro gas cylinders 2pcs, lighting device, air extractor

Gas flow control valve,Gas pressure gauge,Gas pressure regulator,Gas flow meter,Gas u-shaped

pressure gauge and specimen clamp,, power line 1pcs

One strong plywood box packing, gross weight 140kg, size:112*85*150cm