

## 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:

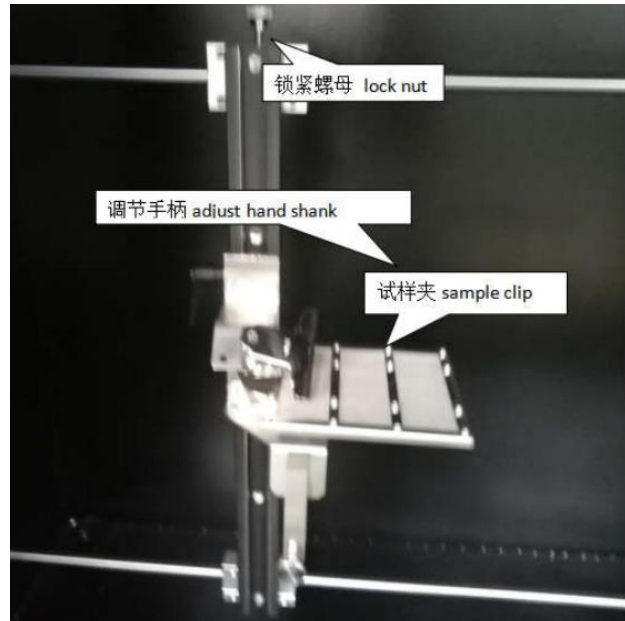
Horizontal flame test: UL HB, IEC 60695-11-10, IEC 60707, ISO 1210.

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  $\varnothing$ 9.5mm $\pm$ 0.3mm, (Bunsen burner) length of 100mm**

Gas: 98% methane

Temperature testing range: 0~1000 degree

**Combustion chamber size: 1350(W) $\times$ 700(D) $\times$ 1000(H)mm**

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

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

**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  $9.5\pm 0.3\text{mm}$

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.