

## Building Material Flammability Test Furnace with Touch Screen Control



### Description

The building materials flammability test furnace is in the normal combustion environment, with a small flame directly impacted the vertical specimen to determine the combustibility of the building products. The flammability test furnace for building materials is based on the principle of Kleinbrenner (Klein Brenner), which is directly impacted by a vertical flame. It is used to determine the combustion performance of B grade building materials (namely, the judgement of burning performance and flame retardant grade B of building materials).

## Standards

EN ISO 11925-2

## Specifications

The Bensen Burner applies flame time to the pattern 15s

Single chip microcomputer control and digital display

The diameter of the burner is 0.17mm, the length of the Bensen flame is 20mm ± 2mm and the burner can be tilted to 45 degrees.

Apply a flame to a sample (1s-99 s) ± 0.5s, which can be adjusted arbitrarily, and the precision is + 0.2S

Combustible gas source: propane above 95% purity

Applicable standard: ISO11925-2:2002E < Test method for combustibility of building materials >

Design standard: GB/T8626-2007 < Test method for combustibility of building materials >

In addition, 4.10 of the GB8626-2007 requires the wind speed device to be selected. Recently, the inspection units test of the third part is basically required. But the wind speed unit is mismatched in the early stage and can be added later.

## Features

- ① The operation is in line with ergonomic design, test all through the touch screen operation, high degree of automation. Otherwise, the previous test results can be stored and can access the previous test data.
- ② Controllable automatic lifting of servo motor drive pattern frame.
- ③ The Bunsen Burner can be advanced and retreat and adjusted.
- ④ 1.5mm stainless steel plate box
- ⑤ Double angle observation test of 2 heat-resistant tempered glass doors, double (with lock) is convenient and practical.
- ⑥ High pressure automatic ignition and durable combustion.
- ⑦ The point fire source can be automatically tilted by 45 degrees.
- ⑧ The height of the flame is adjusted by the precision regulating valve.

