Vertical Flame Tester

Fire Testing Equipment Vertical Flame Tester stainless steel the fire assessment of protective clothing

Product introduction

Vertical Flame Tester is suitable for the measurement of limited flame spread properties of Protective clothing. A defined flame from a specified burner is applied for 10 s to the surface or the bottom edge of textile specimens which are vertically oriented.
It is mainly used as a professional instrument for simulating the fire hazard assessment of protective clothing. It is also used to determine the fire hazard of fabric materials or other flammable materials with similar functions.

Product Feature

The apparatus is designed and manufactured according to ISO 15025 standards.
The apparatus can be updated to meet the requirement of ISO6941、ISO 6940 etc by using different specimen holders.
All the test stand are made of stainless steel, beautiful and corrosion-resistant.
The apparatus consists of mounting frame, gas burner, test specimen holder with Supporting pins.
The angle of the burner can be pre-setted and adjusted automatically.
Flame application time can be pre-setted and operate automatically.
Afterflame time and afterglow time recorded by LCD screen.

Product parameters

Burner	flame height 25±2 mm;vertical 40±2 mm
Accuracy of time timer	0.1s
Standards	AQ 6103, ISO 6940:2004, ISO 6941:2003, ISO 15025:2000
Size	800mm (L) X 600 mm (W) X 900mm (H)
Weight	40KG
Electrical requirements	220V, 50HZ
Gas requirements	propane gas