

CINSUN

Stable Reliable Consistent



Curtains combustion tester
F151

F151 Curtains combustion tester

— Flame-retardant performance for hanging fabric like drapery and curtain

F151 Curtains combustion tester, The instrument is mainly developed and produced in accordance with NFPA 701. NFPA 701 of the United States specifies fabric and film flame propagation test methods for fabrics, curtains, drapes, or other window covering materials, awnings, tents, tarpaulins and similar construction cloth structures and banners, etc., effectively control production and verify product performance.

F151 Curtains combustion tester

1. It is suitable for burning the flame from the surface or bottom edge of the sample to test the flame spread without external radiation. The moistened sample is fixed vertically in the sample combustion chamber with a pin and light with a standard combustion lamp for 45s. Observe the measurement of combustion, measure the time of combustion and the change in weight before and after combustion.

2. The equipment is equipped with test box with exhaust emission device, and the separate test box design can avoid the influence of external factors on the test data.



Standards compliant

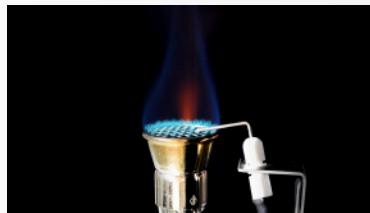
NFPA - National Fire Protection Association , NFPA 701: 2004 & 2009 Edition Test Method 1

F151 Curtains combustion tester—— Several Major Features



Transparent safety door

The heat-resistant glass observation window allows the test to be observed at any time during the test while keeping the test free from external environmental disturbances.



The temperature and size of the flame can be adjusted

The perfect gas mixing structure design of the Meker burner can realize the temperature of the flame and the type control of the color through the adjustment of the damper.



Imported multi-angle adjustable Meker burner

Imported Meker (Fisher) burner is suitable for all types of gas, with damper and flame trimming knob.



Automatic ignition, illumination, exhaust device

The device can be automatically ignited, with illuminating lamp and waste reinforced discharge function, convenient and reliable.



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F151 Curtains combustion tester—— Field Application



F151 Curtains combustion tester, The instrument test objects also include curtains, stage curtains, purdah, textile screens, and tablecloths, etc. This method is not suitable for thicker or coated materials.



It is applicable to the performance verification of new products, quality control of the production department, and the of material properties for the third-party testing organization, the product performance verification laboratory, and the quality and technical supervision department, etc.

F151 Curtains combustion tester—— Configuration parameter

Standard configuration



15101

Meker (Fisher) burner



15102

Sample holder



15103

Flame ruler

Optional Accessories



15104

Copper cleaning brush



15105

Balance

Technical Parameters

Test box : 675 × 500 × 700 mm , With observation window, black interior	Exhaust device: automatic exhaust Burner: Meker (Fisher) burner
Control screen: intelligent touch (with report printing)	Nail position of sample clamp : 37mm、 66mm、 95mm、 124mm及153mm
Observation window: transparent	Appearance size : 900mm*700mm*850 mm
Flame height: 100mm/ adjustable	Weight : 70Kg
Sample clamp: 150mm × 400mm, parallel to longitudinal	Power supply : 220V 50HZ
Ignition mode: automatic ignition	
Combustion timer: timer (accurate to 0.1s)	



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