

CINSUN

Stable Reliable Consistent



Vertical Flammability Tester G233



Stable Reliable Consistent

Vertical Flammability Tester— Material combustion performance evaluation

G233 Vertical Flammability Tester conforms to the test requirement of every standard , processing the combustion performance testing on all kinds of textiles through the Simple operation . It is one of the necessary laboratory combustion equipment.Good repeatablily can help manufacturers control production effectly and test the product performance .

G233 Vertical Flammability Tester

1. Combustion performance Testing of children's pajamas, decorative fabrics, industrial fabrics (such as tent fabric,fire products fabric) and other Textile , but also for the elastic filler material flame retardant performance test. All stainless steel combustors,transparent observation windows and standard burners with flame feet. Control box can record after-glow time, and after-flame time . The results can be used to assess the flame spread speed and damage length of the material in the vertical state .

2.The design of electrical control and combustion chamber separation keeps away from the fire source , safe and stable, while ensuring that the electrical control part precisely controls the ignition time and records the spread time.



Standards compliant

GB/T 5455Textiles—Burning behaviour—Determination of damaged length,afterglow time and afterflame time of vertically oriented specimens;

ASTM D6413Standard Test Method for Flame Resistance of Textiles(Vertical Test);

DOC FF 3-71Standard for The Flammability Of Childr en's Sleepwear

CALIF TB-117 Test Pr ocedur e and Appar atus for Testing the Retar dance of Resilient Filling Materials Used in Upholstered Furniture

CPAI-84 A Specification for Flame-resistant Materials Used in Camping Tentage

FTMS (Federal Test Method Standard) 191-5903 Standard Test Method for Flame Resistance of Textiles (Vertical Test)

G233 Vertical Flammability Tester— Several Major Features



High degree of automation

Both the External gas control and timing device use the fire source separation design ,which are safe and reliable. It has gas finetuning and coarse adjustment function;Automatic ignition and manual ignition are available in multiple modes.

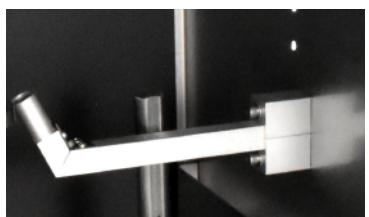


time recording module

High precision digital display timer with 0.1s accuracy and built-in standard 12s ignition time automatically records the continuous burning time and smoldering time.

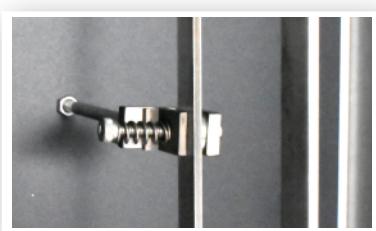
Equipped with horizontal burner

The instrument is equipped with a horizontal device burner. In addition to the vertical combustion test, it can also be used as a horizontal method to meet more test standards. besides, the front safety door of the device is convenient for placing the sample; the front heat-resistant glass observation window can directly observe the flame spread state.



flexible sample holder positioning design

Varietal sample holders and test accessories are available; The clamping design makes it unaffected by the thickness of the material. There are also horizontal burner optional, multi - functional design accessories, meet the requirements of different testing standards.



diversiform ignition mode

The instrument's torch is equipped with an oxygen mixing damper to adjust the temperature of the flame. It is also equipped with a flame height gauge to observe the flame height at any time. The operation is simple and convenient.





Stable Reliable Consistent

G233 Vertical Flammability Tester—— Field Application



G233 Vertical Flammability Tester is Easy to use; high efficiency test, separate design of fire source and gas control system, stable and reliable, can make the combustion test in the laboratory more safe, suitable for flame retardant cotton, tents, children's sleepwear, polymer materials, textiles, etc. Flame retardant performance test.



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

G233 Vertical Flammability Tester—— Configuration parameter

■ Standard configuration ■■■



23301

FTMS 191-5903sample clamp/set
(textiles test) equipped with
4 pcs 2 inch Stainless steel clip



23302

2 inch stainless steel clip



23303

test weighs
(0.12LB;0.25LB;0.5LB;0.75LB;1LB)/set



23304

igniter



23305

silicone tube (0.8m) /black



23306

Blast burner

■ Optional Accessories ■■■



23307

anchor ear(8-16)



23308

DOC-FF3/71
child pajamas sample clip /stainless steel



23309

CALIF TB-117
test sample clamp/set

G233 Vertical Flammability Tester—— Configuration parameter

Optional Accessories



23310

CALIF TB-117 test weights
(50g,100g,200g,350g)/set



23311

Sponge test sample clamp



23312

Horizontal gun/flame ruler included

Technical Parameters

The ventilation hole (both sides):12.7mm×6/each side	Burning timer:timer (accurate to 0.01s)
The exhaust hole (top)φ12.7mm×16	Horizontal Burner angle:25° (with vertical)
Observation Window:Transparency	Horizontal Burner:movable,caliber 10mm
Standard flame height:38mm	External Dimensions:330mm×360mm×836mm
Textile sample holder:U-shaped stainless steel plate two: 422mm × 89mm × 2mm (inner frame 356mm × 51mm)	Chamber Dimensions:329mm×329mm×767mm Weight:35Kg
The ignition time:12S;	Power Supply:220V 50HZ



Standard Groups (HK) Limited

For more information, please visit our website or contact us by phone or email

Standard International Group (HK) Limited
Qinsun Instruments Co., Ltd

www.standard-groups.com

24 hours' hotline service number: 400 821 3149

Mail: : Info@standard-groups.com

Tel: 400 821 3149

Mob: 185-0176-3637

Mail: info@qinsun-lab.com