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Bed Blanket Flammability Tester G234



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Bed Blanket Flammability Tester

— the assessment of the Material combustion performance characteristics

G2334/Bed Blanket Flammability Tester is used to detect the flame retardant performance of the bed blanket fabric and the flame spread property of the fabric surface. This test method is to burn the surface of the sample with a standardized flame within a specified time, thereby observing the burning, damage degree or discoloration of the standard test paper. And then, the test fabric is graded. Good repeatability of experimental data can help manufacturers effectively control production and verify product performance.

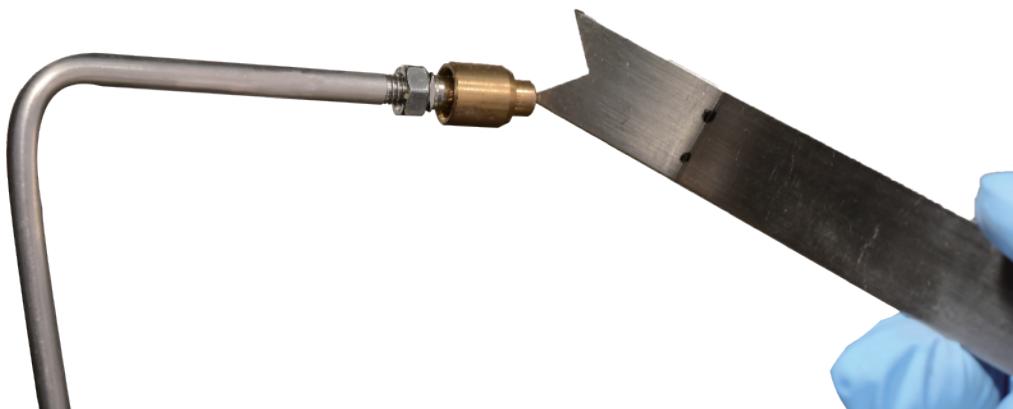
G234 Bed Blanket Flammability Tester

1. The instrument is mainly used to test the flame retardant performance of materials such as bed blankets. The front safety door of the instrument adopts a transparent observation window and a standard burner equipped with a flame ruler. The result can be used to evaluate the flame spread speed and damage length of the material after ignition under the standard, it provides data basis for new material research and development, product quality acceptance and the like.

2. The combustion box is made of stainless steel, high temperature resistant, smoke resistant, easy to clean after use, imported flow control accessories and timing module ensure accurate flow and time control of the instrument, and record the burning time. The instrument adopts button design. the ignition is automatically Reset after ignition, ready for the next test, easy to operate, easy to use, and efficient.

Standards compliant

ASTM D4151 Standard Test Method for Flammability of Blankets



G234 Bed Blanket Flammability Tester — Several Major Features



Stainless steel body design

External gas control; Separation design of fire source is safe and reliable, it has the functions of fine gas adjustment and coarse adjustment; The instrument with stainless steel main body is resistant to high temperature and smoke, easy to clean and long service life.



time recording module

High precision digital display timer with 0.1s accuracy, built in standard 1s ignition time, automatically burns and records the time.



flexible specimen holder design

The positioning accuracy of the sample holder ensures the consistency of the position of each combustion and reduces the uncertainty of the test, thus ensuring the accuracy of the test.

Standard burner

The burner of the instrument adopts the standard 18# needle. The compact design ensures the stability of the flame, and it is automatically reset to prepare for the next test after each ignition. It is very convenient to use.





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G234 Bed Blanket Flammability Tester — Field Application



G234 Bed Blanket Flammability Tester -It is mainly used for testing the flame retardant performance of bed blanket fabric and flame spreading performance of fabric surface.



The instrument is also suitable for the performance verification of new products developed, quality control of production departments, product performance verification of third-party testing institutions, and the measurement of material performance by laboratories and quality and technical supervision departments.

G234 Bed Blanket Flammability Tester — Configuration parameter

Standard configuration



23401

sample fixture/set)



23402

burner



23503

flame ruler

Optional Accessories



23404

lighter

Technical Parameters

1.58mmx12.7mm	Burn timer:timer (accurate to 0.01s)
Exhaust vent (top) : $\phi 12.7\text{mm} \times 12$	Igniting time:1S
viewing window: transparency	Windshield size: 368.3x6.35x25.4mm,
Standard flame height: 16mm	12 ga (w*h)
Sample holder upper plate :round hole D: 63.5mm, 88.9x88.9x3.175mm	Size of the tBox central substrate size:370x217.5x25.4mm burning chamber dimensions (LxWxH) :373x219x357mm
sample holder lower plate:round hole D: 63.5mm, 76.2x88.9x3.175mm	Dimension (LxWxH) :373x219x515mm weight: 35Kg
	power: 220V 50HZ



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