

QINSUN

Stable Reliable Consistent



Dry fallen wadding tester

G275

dry fallen wadding tester

— evaluation of Shedding performance of medical raw materials nonwovens and other textile materials

G275 dry fallen wadding tester, The tester is used to evaluate the fallen wadding test of non-woven fabrics under dry conditions, and is mainly applicable to the evaluation of the shedding performance of raw material non-woven fabrics and other textile materials used for medical protection (surgical orders, surgical gowns, clean clothes, etc.).

G275 dry fallen wadding tester

1. Test philosophy: The sample is subjected to the combined action of torsion and compression in the test chamber. Air is drawn from the test chamber during this twisting process, and the test result is evaluated by counting and classifying the particles in the air with a laser dust particle counter.
2. This instrument has high-resolution large-size color touch screen and it is easy to operate and convenient to use. At the same time, it can simultaneously monitor the number of particles in 8 particle size channels and their changes, and store up to 10×500 groups of data. It is typically used in particulate matter testing, air particle research, indoor air quality assessment in clean houses, as well as in filter performance testing and cleanliness evaluation.



Standards compliant

YY/T 5056.6 Surgical sheets, surgical gowns and cleansing suits for patients, medical staff and equipment - Part 4: Dry fallen wadding test method;

ISO 9073.10 Test method for textiles and nonwovens - Part 10: lint and other granules produced in a dry state;

EN 13795-2-2004 Surgical covers, long coats and non-contaminated suits for patients, medical staff and medical equipment, part 2: test methods

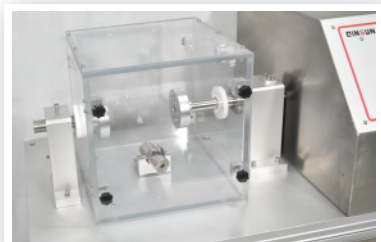
G275 dry fallen wadding tester——Several Major Features

Smart touch screen control panel



Microcomputer control system, more efficient and reliable, programmable 7-inch color LCD touch screen, to achieve control, detection, calculation, data display, printing and other functions.

Transparent anti-static test box



The test box of the instrument is made of special material which is transparent and anti static. The test will not have precision adsorption, and it can also observe the operation of the instrument in real time, which is safe and reliable.

Compact structural design



The special structural design of the instrument ensures that the test device producing combined action of torsion, compression and resetting to test pieces, fully meets the requirements of the standard. The test data has good repeatability and accurate data.



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G275 dry fallen wadding tester—— Field Application



G275 dry fallen wadding tester, is mainly used for the evaluation of shedding of raw materials used in surgical orders, surgical gowns, and clean clothes.



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.

G275 dry fallen wadding tester— Configuration parameter

Standard configuration



27501

particle counter

Technical Parameters

Control mode: smart touch	Air sampling flow: 28.3L/min
Test speed: 60 times / minute	Sampling time (ie sampling amount): 20 kinds from 0.5min to 10min. Optional sampling time (ie: 14.15L, 28.3L.....283L a total of 20 sampling quantities are available)
Rotation angle: 180 degrees / per time (clockwise, counterclockwise alternate)	
Diameter of disk: $\Phi 82.8\text{mm}$	Minimum measurable particle size: $0.3\mu\text{m}$
Starting distance: (between two discs)	Interval time: 1s ~ 10s 10 options available
Stroke of moving plate: straight line)	Weight: 55kg
Maximum sample concentration allowed: 35,000 / L	Power supply: 220V 50Hz
Particle size channel: : 0.3、0.5、0.7、1.0、2.0、5.0、7.0、10.0 μm (eight)	Dimension: 85cm \times 60cm \times 90cm



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