

CINSUN

Stable Reliable Consistent



Fabric Negative Ion Generation Tester
G283



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G283 Fabric Negative Ion Generation Tester—— Material Negative Ion Generation Ability

It is used to mount the sample on the upper and lower friction discs in a certain volume of the test chamber, and rub it under the specified conditions. The number of negative ions activated in a unit volume space when the sample and the sample itself rub against each other can be measured by the air ion meter, and the curve of the amount of negative ions generated in the sample can be recorded along with time.

G283 Fabric Negative Ion Generation Tester

1. The sample is mounted on the upper friction disc and the other is mounted on the lower friction disc. The size of the sample should be adapted to the size of the upper and lower friction discs respectively, in order to ensure that the two samples can be fixed to the upper friction disc and the lower friction disc by the clamping device respectively, and completely cover the surfaces of the two friction discs.
2. The two samples and their corresponding gaskets are respectively fixed on the upper friction disc and the lower friction disc by the clamping device, wherein the gasket should be placed between the sample and the friction disc, and the sample should be in a state of being naturally flat, and the bottom can completely cover the surface of the two friction discs. (For coated fabrics, the coated surfaces should be rubbed against each other).



Standards compliant

GB/T 30128-2013 ‘Textiles - Test and Evaluation of the Negative Ion Generation’

G283 Fabric Negative Ion Generation Tester—— Several Major Features



Touch-tone and timing module operation panel

The tester adopts touch-tone and modular design and it has timing and counting modes, simple operation and stable performance.



Imported accessories

The tester is equipped with the imported negative ion meter with high precision, good data repeatability and stable performance.



Transparent destatic test box

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



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G283 Fabric Negative Ion Generation Tester—— Field Application



G283 Fabric Negative Ion Generation Tester, It is mainly used in the field of textile negative ion testing, especially the testing of textile dynamic anion generation, which is suitable for the development, production and testing of negative ion textiles.



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.



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G283 Fabric Negative Ion Generation Tester—— Configuration parameter

■ Standard configuration ■■■



28301

Negative ion meter (0~2,000,000 个/cm³)

Technical Parameters

Control mode: automatic	Resolution: 10 units/ cm ³
Collection method: capacitive inhalation method to collect air ions, the collected ions with ion mobility greater than 0.15 (cm ² /v· s)	Moving plate stroke: (93 ± 1) r / min / adjustable
	Pressure:(7.5±0.2)N
Measuring range: Range 1: 0~20,000/cm ³ . Range 2: 0~200,000 units/cm ³ . Range 3: 0~2,000,000 units/cm ³	Weight: 55kg
	Power supply: 220V 50Hz
	Appearance size: 600mm*620mm*520mm
Test box size:(300 ±2)mm *(560 ±2)mm*(210±2)mm	
Lower dynamical friction disc: diameter (200 ± 0.5) mm	
Upper static friction disc: diameter (100 ± 0.5) mm	



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