

QINSUN

Stable Reliable Consistent



Random Tumble Pilling Tester G227T

Random Tumble Pilling Tester

— The pilling resistance performance testing of the material surface

G227T Random Tumble Pilling Tester-Two-box and four-box can be configured. It is mainly used in evaluating the pilling performance of textiles. The instrument is equipped with digital electronic preset counter. Good repeatability of experimental data can help manufacturers effectively control production and inspect the performance of products.

G227T Random Tumble Pilling Tester

1. G227T random tumble pilling tester simulates the actual use of the process, especially rapidly replicate pilling on the surface of the material in paper pulp washing machine. It provides data bases for the material research and development, product quality control, and material performance verification. It is the best choice for scientific research, testing, industrial production and other areas.

2. four-box design is more efficient and more convenient; the two-box design also is optional; transparent observation window with built-in lighting system to facilitate observation of the test situation; high precision processing technology to ensure good air tightness and impeller concentricity, and to achieve the material in the real "random" situation.



Standards compliant

GB/T 4802.4 Testing methods for pilling of fabrics - Part 4: Random tumble pilling method;
ISO 12945.3 Textiles - Determination of the fabric propensity to surface pilling, fuzz-ing or matting - Part 3: Random tumble pilling method;
ASTM D3512 Standard test method for pilling resistance and other related surface changes of textile fabrics;
DIN 53867 Method for related surface changes of textile fabrics;
JIS L1076 Testing methods for pilling of woven fabrics and knitted fabrics;



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G227T Random Tumble Pilling Tester — Several Major Features



High concentric precision of rotating impeller

High concentric impeller, four-station test with good identity, Minimizes the impact of the instrument itself on the test results.



The sample can be observed at any time during the test

Transparent observation window, built-in lighting, easy to observe the state of the sample; the chamber door is well sealed and the air flow does not overflow which effectively reduce the phenomenon of fabric sticking



Imported test lining

The inner lining of the test box is imported with accurate test data , good repeatability and long service life .



Flexible and adjustable air control system

Adjustable intake system for the test cavity to provide a standard air pressure source, which has simple structure with stable and reliable and is easy to use.



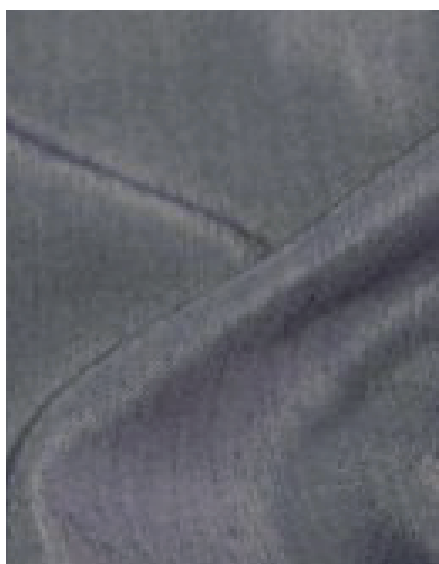
Test mode diversification

Two modes of timing and counting are built into the instrument to meet the requirements of different standards and different use of road test. At the same time, the instrument beeps to indicate and end the testing when reaching the set value.



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G227T Random Tumble Pilling Tester — Field Application



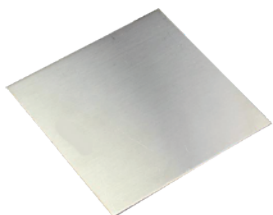
G227T random tumble pilling tester Mainly used to evaluate the pilling resistance of knitted fabrics, woven fabrics, wool, wool and other fabrics.



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.

G227T Random Tumble Pilling Tester — Configuration parameter

Standard configuration



227T01

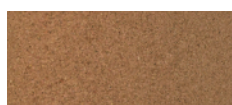
sample template/1PCS



227T02

Article grey cotton wool/3m

Optional Accessories



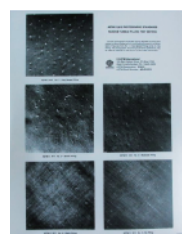
227T03

cork gasket
(50pcs/pack)



227T04

Flash setting glue



227T05

rating figure card
(5pcs/set)



227T06

Silent air compressor
(32L)

Technical Parameters

Test mode:automatic	Test chamber depth:152mm
Test speed:1200 rpm	End alarm:buzzer alarm
Test station:4	Pressure:Arbitrary adjustable (standard 14-21KPa)
End alarm:buzzer alarm	Timer:AUTONICS 6 bit timer counter
Impeller:aviation aluminum	Weight:75Kg
Impeller length:121mm	Dimension (LxWxH) :90cmX80cmX110cm
Test chamber diameter:146mm	Power: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