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Spray Water Repellency Tester **G232**



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G232 Spray Water Repellency Tester— Material Surface Water Repellency Test

G232 Spray Water Repellency Tester can quickly and accurately test the water repellency and wetting property of the fabric surface. After the test, the surface of the sample can be compared with the standard color card to obtain accurate results of the water repellency of the material surface.

G232 Spray Water Repellency Tester

1. The spray water repellency tester can test the waterproof and wettability of textile fabrics, which is suitable for ordinary textile materials, such as woven fabrics, knitted fabrics, etc. It is also suitable for waterproof properties test of functional materials such as waterproof fabrics, coated fabrics, closely woven fabric, etc. It provides a data base for guiding material development and helping users evaluate product performance.

2. The spray water repellency tester is designed according to the standard requirements. It adopts compact structure design and standard sprinkler head. The spraying time is accurate and the instrument body is stable during the test. Rotary knob type holder is convenient and quick to install sample and has good maneuverability.



Standards compliant

ISO 4920 Textile fabrics - Determination of moisture resistance (water immersion test);

BS EN 24920 Textiles - Determination of surface wetting resistance of fabrics (spray test);

BS 3702 Fabric surface moisture resistance test (water immersion test);

GB/T 4745 Textiles - Waterproofing performance testing and evaluation;

M&S P23 Water immersion test - spraying rating test;

NEXT 23 Determination of surface wettability of fabrics (spray test);

AATCC 22 Water resistance: spray test.

G232 Spray Water Repellency Tester — Several Major Features



Quick change fixture design

The adjustable quick holder can be used to mount test materials of various thicknesses.



Standard test accessories

The standard spraying header ensures that 250ml of test solution can be sprayed in 25-30s and the sealed connecting line is fitted.



Flexible and compact design

The flexible and compact design makes this tester easy to assemble, which can be installed and tested from the lab to the production line at anytime and anywhere.



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G232 Spray Water Repellency Tester — Field Application



Testing and evaluation of waterproof properties of functional materials such as coating materials and waterproof materials; Testing and rating of water resistance and wetting properties of woven fabrics, knitted fabrics and other textiles; Product quality control, research and development of new product performance judgment, product quality sampling and evaluation.



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.

G232 Spray Water Repellency Tester — Configuration parameter

Standard configuration



23201

Sample fixing ring



23202

Sample holder



23203

Spraying head (including adapter)

Optional Accessories



23204

Rating card



23205

Second chronograph



23206

Measuring cylinder (250ml)

Technical Parameters

Test mode: manual	The distance from the top of the funnel to the bottom of the nozzle: 195 ± 10 mm
Rubber hose diameter: 10mm	The distance between the center of the sample and the nozzle: 150 ± 2 mm
Clamping diameter: 155 ± 5 mm	Power supply: no
Clamping holder angle: 45°	Weight: 5.7kg
Funnel diameter: 150 ± 5 mm	Appearance size: 250mm*210mm*510mm



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