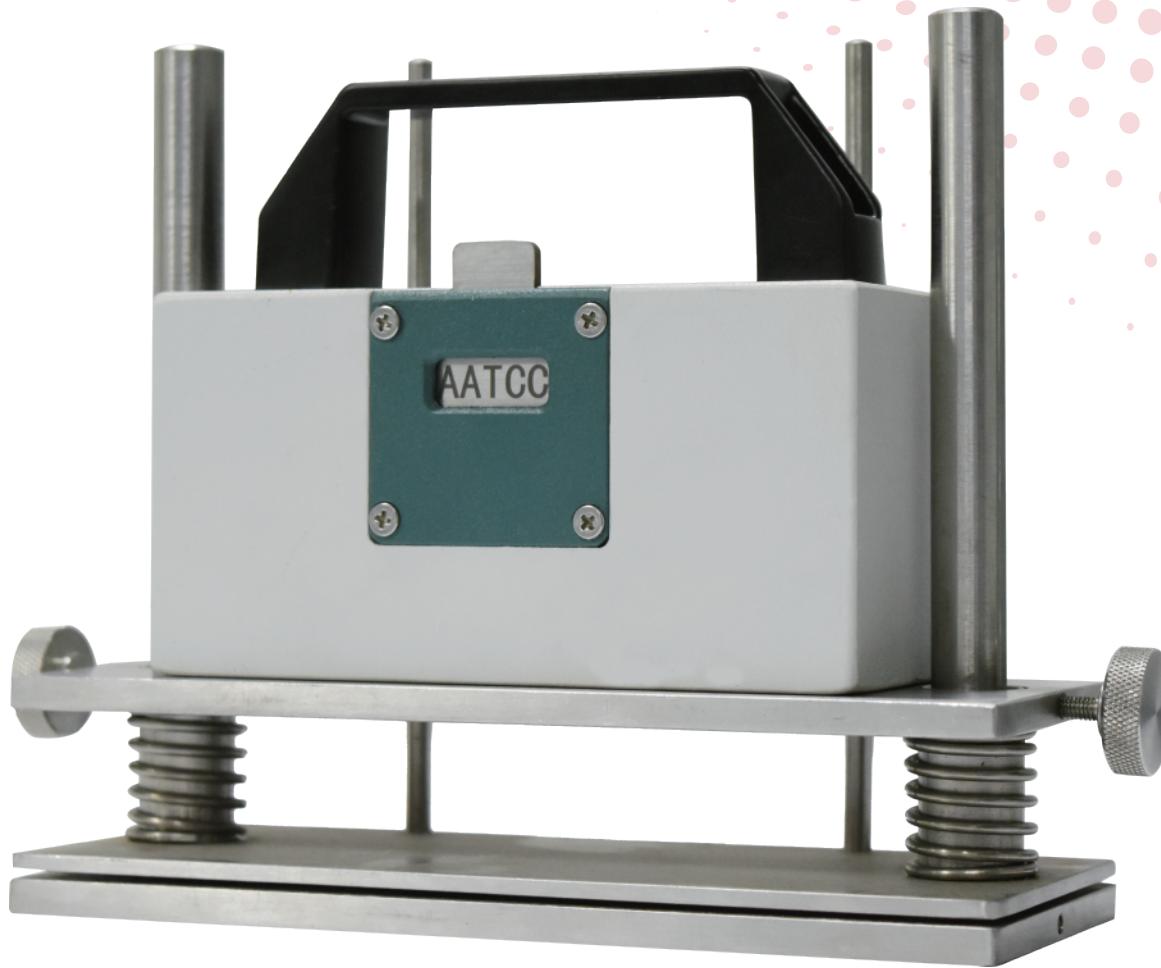


CINSUN

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Perspiration Tester G231



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Perspiration Tester

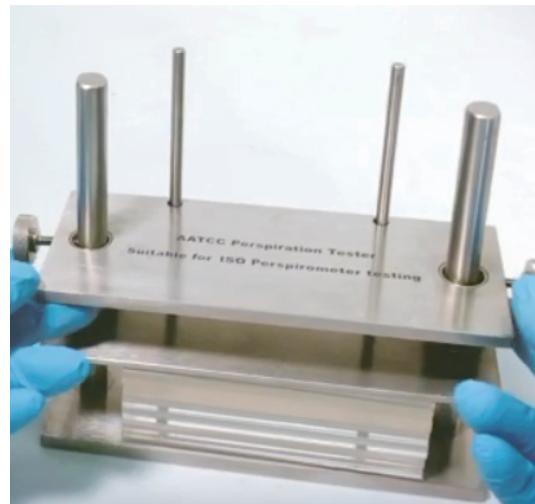
— To test the colour fastness of fabrics in the case of infiltrating in water and sweat

G231 Perspiration Tester A important trait of fabric ; perspiration tester is widely used in color fastness test of textiles to sweat 、 sea water 、 saliva, distilled water, etc . Put sample and specified lining fabric together, the sample is removed and clamped in the middle of the sample plate after treatment with the experimental liquid .the sample and the lining fabric are pressed under the specified pressure for a certail period of time.observe the colour change of the sample and lining fabric after being dried seperately.the stainless steel sample holder can hold 20 sample ,equipped with acrylonitrile separator ,and provides the standard weighs of AATCC、 ISO、 BS etc.Good repeatablily can help manufacturers control production effectly and test the product performance .

G231 Perspiration Tester

1.suitable for all kinds of textile materials, textiles, perspiration fastness test and determination of various tinting.

2.With a compact design, 20 samples can be tested at a time; with the pressure holding system with measuring range, the pressure can be maintained after the weight is removed according to the pressure applied on the sample. Additionally the instrument with stainless steel material can overcome various acid-base corrosion. The guide rod of the test frame adopts the special Pressure riveting process, which is different from the inexact pressure and poor appearance and other shortcomings resulted from the deformation caused by peer welding process . At the same time, it can reduce the high maintenance work and greatly improve the test efficiency..



Standards compliant

ISO 105 E01

ISO 105 E02

ISO 105 E03

BS 1006

DIN 54005

GB/T 3922

GB/T 5713

GB/T 5714

AATCC 15 106 107

G231 Perspiration Tester — Several Major Features



Pressure holding device

With pressure holding system, the pressure can be maintained after the weight is removed according to the pressure applied on the sample. Without putting the weight on the test stand all the time, one set of weight can be applied to multiple test stands.



Beautiful and reliable special riveting process

The guide bar of test stand adopts special pressing riveting technology, which not only ensures the verticality of guide bar and base plate, but also overcomes the defects of degeneration and unbeauty brought by welding.



Eye-catching standard display

In the process of testing, the device can display the corresponding standard category when different weights are applied, which is convenient and more user-friendly.



Flexible and compact design

Flexible and compact design makes it very easy to install and test anywhere from the lab to production line;



Adopting stainless steel

Adopting stainless steel can conquer the reducing of instrument accuracy caused by the corrosion of various acid and alkali in using and improve the using life highly at the same time.

G231 Perspiration Tester — Field Application



To accurately evaluate the physical properties of various fabrics or samples by the method of color fastness variation after seawater penetration.



To accurately evaluate the physical properties of various fabrics or samples by the method of color fastness variation after sweat stain penetration.



To accurately evaluate the physical properties of various fabrics or samples by the method of color fastness variation after saliva penetration.



To accurately evaluate the physical properties of various fabrics or samples by the method of color fastness variation after distill penetration.



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.



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G231 Perspiration Tester — Configuration parameter

Standard configuration



23101

Stainless steel Frame



23102

ISO Acrylonitrile plate
(21pcs/pack)



23103

AATCC weights

Optional Accessories



23104

ISO weights



23105

AATCC Acrylonitrile plate
(21pcs/pack)



23106

L set Amine hydrochloride
(25GM)



23107

lactic acid88-92% (500ML)



23108

disodium hydrogen phosphate(500g)



23109

sodium hydroxide(500g)



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G231 Perspiration Tester — Configuration parameter

Optional Accessories



23110

sodium dihydrogen phosphate(500g)



23111

sodium chloride(500g)



23112

perspiration box

Technical Parameters

test sample number: 20Pcs	Main body: stainless steel
Test maximum pressure:5kg(11LB)	dimension:20cmX10cmX20cm
weight: 6Kg	power:No



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