



The service hotline: 4008-700-018

LABORATORY
TEXTILE TESTING
EQUIPMENT

2022 English Version



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大荣纺仪

DARONG TEXTILE INSTRUMENT

ENTERPRISE INTRODUCTION

Established in 1988, and after more than 30 years of development and technical accumulation, Wenzhou Darong Textile Instrument Co., Ltd. has gathered more than 100 of experienced and well-qualified professional technicians. Our company affiliates a light aging R&D room and a mechanical measurement R&D room and a heat transfer R&D room and a combustion laboratory and an artificial climate room and a electromagnetic radiation R&D room and a textile testing laboratory etc. We also have gained more than 60 national patents who is a leading drafter on 4 national standards and 2 industry standards. We are main drafter on other 70 national standards and industrial standards as well. We supply more than 300 types of testing equipment including textile or non-woven properties including material strength, color fastness, shrinkage, breathable, warmth, electrostatic, flame retardant, wear resistance, pilling and so on which conform to GB, FZ, ISO, ASTM, AATCC, BS, EN, DIN, JIS and other standards.

DARONG has established long-term cooperative relations with many institutions such as China Textile Inspection Bureau and Guangzhou Inspection Group and Hangzhou Customs and China Textile Institute and Donghua University and Wenzhou University and so on. More than 80,000 textile testing laboratories including Quality Inspection and Commodity Inspection and Scientific research institutes are using a complete set of testing equipment.

Our products have been exported to other countries such as Pakistan, Indonesia, Vietnam, Thailand, Bangladesh, Germany, Australia, Italy etc.

Our company has fixed assets of more than 100 million RMB so far. The facility is more than 20,000 square meters. The annual sales is more than 200 million RMB. We have become a company with longest history engaged in research and development and production and sales and service. We are both AATCC and ASTM member enterprises.

Our company has been officially awarded many honors including Leading company on Technological Innovation and A Key Enterprise and Advanced company and a certified company of Made in Zhejiang and National high-tech enterprise and provincial high-tech enterprise R&D center and National textile instrument technical R&D center and National Award on textile standardization. National high-tech company specialized in its industry.

We also have set up representative offices in many cities such as Beijing and Shenyang and Jinan and Qingdao and Suzhou and Nantong and Foshan and Dongguan and Quanzhou and Hangzhou and Shaoxing and Jiaxing and Ningbo and so on. Which guarantee you using our machines without any worries.



▲ Office



▲ Meeting room



▲ Sales center



Corporate History

Honors and Qualifications

In 2021, Darong launched the development on Garment electromagnetic radiation resistance performance testing system;
Darong was awarded a National high-tech company specialized in its industry.

In 2020, Darong developed the complete set of testing machines for PPE to serve epidemic prevention technology

In 2019, Darong launched the development on first Thermal Manikin testing system in China

In 2018, Darong celebrated its 30th anniversary

In 2017, Darong developed the first combustion laboratory testing system

In 2016, Darong won 3rd prize on textile industry by the development on testing methods of functional textile;
Darong was awarded High quality made in Zhejiang with its thermal resistance and moisture resistance tester.

In 2015, Darong was awarded a national textile technical R&D center and a provincial high-tech enterprise R&D center and National Award on textile standardization

In 2014, China first laboratory of functional textile was established in Darong;
Darong developed the first high speed constant humidity chamber;

In 2013, Darong developed the first pneumatic burst tester and Liquid transfer performance tester and electromagnetic radiation tester using shielding method in China;

In 2012, Darong developed thermal resistance and moisture resistance tester

In 2011, Darong ERP system serve our clients

In 2010, Darong developed China first textile anti-electromagnetic radiation tester and most passed CE certification and our company was awarded a National high-tech enterprise.

In 2009, Darong become a deputy directing company of China Equipment Industry Association

In 2008, Darong's second manufacturing facility was put into use
Its textile laboratory was completed

In 2007, Darong passed the certification of ISO9001 and become the enterprise member of ASTM

In 2006, Darong become the enterprise member of AATCC
A Spectral Analysis Laboratory was established in Darong

In 2005, Darong developed the water-cooled Xenon tester

In 2004, Darong cooperated with China Fiber Bureau to develop the China first electronic plush bundle fiber strength tester and become the enterprise member of Textile branch on China Standardization Association

In 2003, Darong developed CCD Drape performance tester

In 2002, Darong developed digital Elmendorf tearing tester

In 2001, The automatic dry washing tester was in mass production in Darong

In 2000, Darong become a member of National Textile Standards Committee and drafting member of national standards

In 2000, Darong was awarded municipal high-tech enterprise

In 1998, Darong developed the China first digital air permeability tester

In 1997, Darong developed the China first xenon tester with real time monitoring function

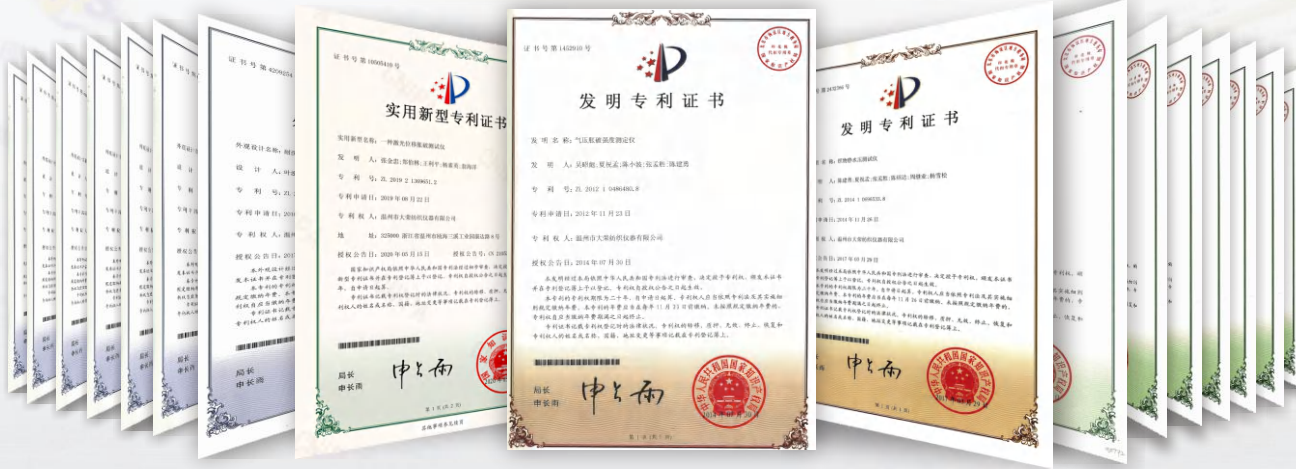
In 1995, Darong developed the China first multi-functions electronic strength tester

In 1993, Darong moved to facility in Lucheng industrial zone

In 1992, Darong was the only recommended manufacturer by national Textile Measuring Station

In 1990, Darong become the designated manufacturer for textile testing equipment by National textile industry department

In 1988, Darong was established



Darong is a leading drafter on 4 national standards and 2 industry standards.
We are main drafter on other 70 national standards and industrial standards as well. We gained National Award on textile standardization.
More than 80,000 textile testing laboratories including Quality Inspection and Commodity Inspection and Scientific research institutes are using a complete set of testing equipment.



R&D center



全国纺织仪器技术研发中心
National Textile Instrument Technology Research and Development Center



省级高新技术企业研发中心
Provincial high-tech research and development center

Textile Laboratory:



▲ Washing Laboratory:

▲ Constant temperature
and humidity laboratory:

▲ Light aging Laboratory:

Functional Testing Laboratory for Textiles:



▲ Burning R&D center

▲ Metrology Calibration R&D center

▲ Heat transfer R&D center

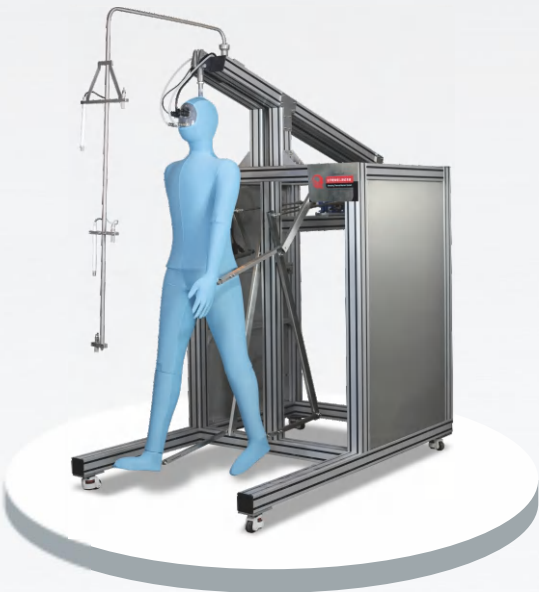


联合研发
JOINT R & D

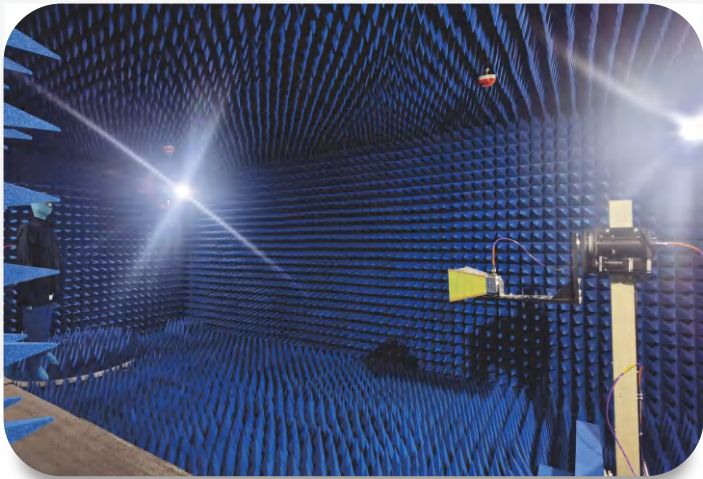
Advanced Technologies

Real simulation, the overall comprehensive performance test direction of the Manikin
It serves the functional testing field of material science and technology innovation and online rapid nondestructive testing field of intelligent manufacturing

DR666-40RC
DR666-40R
Combustion laboratory test system



DR606-34T
Sweat thermal manikin test system



DR999WB
Testing system for
electromagnetic radiation
resistance of clothing

Design

Production

Calibration

We focus on the requirement from our clients
as well as user-friendly on our testing equipment.
Customization with high quality also is accepted.
To provide you with high quality instrument customization

专业定制
PROFESSIONAL CUSTOMIZATION

We supply you testing equipment
as per your requirement.

A FABRIC TESTING MACHINE

01 Strength testing

YG(B)026GC Electronic fabric strength testing machine·····01
YG(B)026SC Electronic fabric strength testing machine

YG(B)026G Electronic fabric strength testing machine ······02
YG(B)026HC Electronic fabric strength testing machine
YG(B)026SH Electronic fabric strength testing machine
YG(B)026SJ Electronic fabric strength testing machine

YG(B)031S Bursting strength testing machine ······03
YG(B)091L Elastic comprehensive strength testing machine
YG(B)091J Fabric elasticity testing machine

YG(B)092 TC Fabric elastic fatigue testing machine ······04
Y(B)090L Electronic Peel Strength testing machine
Y(B)090 Electronic Peel Strength testing machine
YG(B)091CC Spraying collodion compression elasticity testing machine

YG(B)032Q Electronic pneumatic burst strength testing machine ······05
YG(B)032EC Electronic burst strength testing machine
YG(B)032E Electronic burst strength testing machine
YG(B) 032T Electronic burst strength testing machine

YG(B)033T Digital Elmendorf tearing tester ······06
YG(B)033E Digital Elmendorf tearing tester
YG(B)033B Digital Elmendorf tearing tester
YG(B)033A Elmendorf tearing tester

DR026SR Comprehensive strength tester for children's products ······07
DR026ST Children's strap dynamic load tester
DR026SK Child strap bottom opening tester

DR026SV Children strap waist bench load testing machine ······08
DR71J Sharp cusp testing machine
DR71B Sharp edge testing machine

YG(B)026SL Zipper comprehensive strength testing machine·····09
YG(B)823L Zipper pull load testing machine
YG(B)821L Zipper gently slip testing machine
YG(B)822L Zipper torsion testing machine
YG(B)831D Digital sock strength testing machine
YG(B)831L Multi-functional sock strength testing machine

02 Pilling and abrasion tester

YG (B) 401 G Martindale pilling & abrasion tester·····10
YG (B) 401 GC Martindale pilling & abrasion tester
YG (B) 401 GF Martindale pilling & abrasion tester
YG (B) 401 T Martindale pilling & abrasion tester
YG (B) 401 C Martindale pilling & abrasion tester
Z (B) 01M The disc sampler
Z (B) 01M - II The disc sampler

YG(B)511J-4 Rolling box pilling & snagging tester ······11
YG (B) 511-IX Rolling box pilling & snagging tester
YG (B) 511E- II Rolling box pilling & snagging tester
YG (B) 511E-IV Rolling box pilling & snagging tester
YG (B) 511E-VI Rolling box pilling & snagging tester

DR502J Fabric pilling & snagging tester ······12
YG (B) 502J Fabric pilling & snagging tester
DR502JT Fabric pilling & snagging tester
DR502LN Fabric pilling & snagging tester

YG (B) 512 Tumbling fabric pilling & snagging tester ······13
YG (B) 901 G Pilling rating box
YG (B) 901 Pilling rating box
YG (B) 903 Hook wire rating box

YG (B) 518D Mace snag tester ······14
YG (B) 522G Fabric abrasion tester
YG 526B Fabric depilation tester
YG (B) 526 Fabric depilation tester

03 Feature

DR555FT Fabric touch feeling tester ······15
YG (B) 811 E Fabric drape performance tester
YG (B) 022 E Automatic fabric softness tester
YG (B) 022 G Fabric bending performance tester

YG (B) 541 E Intelligence fabric crease elasticity tester ······16
YG (B) 021 B Seam fatigue strength machine
YG(B) 542M Fabric drape performance tester
YG (B) 542C Fabric damage resistance to flexure tester

04 Function

DR606-34T Sweat thermal manikin system·····17
DR048-16 Walk-in climate room

YG (B) 606 G Textile thermal resistance and moisture resistance tester·····18
YG (B) 606 N Textiles thermal resistance tester
YG (B) 606 E Fabric insulation tester
YG (B) 611 MX Textiles light heat storage performance tester

YG (B) 616 NC Fabric cool feeling tester·····19
YG (B) 616 N Fabric cool feeling tester
YG (B) 616 NL Fabric cool feeling tester
YG (B) 616 NX Fabric cool feeling tester
YG (B) 616 NT Fabric cool feeling tester
DR290JY Fabric sticking rate tester

DR290G Textile water evaporation rate tester ······20
DR290MC Textile liquid moisture transfer performance tester
DR290Q Textile drying rate tester (air flow method)
DR290F Textile drying rate tester (hot plate method)

DR917G Warning clothing reflection performance tester ······21
DR407M Fabric generates negative ions tester
DR916G Fabric light transmittance tester
DR291F Textile wet & heat absorption performance tester

DR999WB Garment anti electromagnetic radiation performance test system···22
DR-913GP Fabric anti electromagnetic radiation performance tester
DR-913P Fabric anti electromagnetic radiation performance tester

YG (B) 032F Film covering fastness tester ······23
YG (B) 912 E Textile ultraviolet prevention performance tester
DR915W Textile far-infrared radiation temperature tester
DR915G Textile far-infrared emissivity tester

YG (B) 341 E Fabric rotating friction electrostatic tester·····24
YG (B) 341 D Fabric rotating friction electrostatic tester
YG (B) 342 E Fabric corona charging electrostatic tester
YG (B) 342 D Fabric corona charging electrostatic tester
YG (B) 343 D Fabric horizontal friction electrostatic tester
YG (B) 406 Fabric resistivity tester

YG (B) 815D- I Fabric flame retardant performance tester ······25
YG (B) 815 D-IV Fabric flame retardant performance tester
YG (B) 815D- II Fabric flame retardant performance tester
YG (B) 815D-III Fabric flame retardant performance tester

YG (B) 815X- I Protective boot flame retardant performance tester ······26
YG (B) 815 CV Fabric flame retardant performance tester
YG (B) 815 J Bedding flammability tester
YG (B) 815 DT Carpet combustion performance tester
YG (B) 815 S Sofa mattress flammability tester

YG (B) 461 G Fabric air permeability tester ······27
YG (B) 461 E Fabric air permeability tester
YG (B) 461 X Fabric air permeability tester
YG (B) 216 TC Fabric moisture transmission tester
YG (B) 216 T Fabric moisture transmission tester
YG (B) 216G Fabric moisture transmission tester

YG(B) 812 T Textile hydrostatic pressure tester ······28
YG (B) 812 Q Textile hydrostatic pressure tester
YG (B) 812 D Digital fabric water permeability tester
YG (B) 812 Fabric water permeability tester

Y (B) 813B Bundesmann water repellency tester ······29
Y (B) 813 Fabric water repellency tester
Y(B) 813T Fabric water impact penetration tester
Y (B) 813X Towels water absorption tester

Y (B) 813G Fabric waterproof performance tester·····30
YG (B) 871 Capillary effect tester
YG (B) 871A Nonwoven water absorption tester
YG (B) 871S Daimaru bleeding tester

05 Testing equipment for down feather

YG(B)819D Fabric downproof tester ······31
YG(B)819DG Fabric downproof tester
YG(B)819M Fabric downproof tester
YG(B)819MG Fabric downproof tester
YG(B)819-01 Down feather pre-processing case
YG(B)819-05 Rotary platform for down feather pre-processing case

YG(B)817 Down feather filling power tester ······32
YG(B)817T Down feather filling power tester
YG(B)814 Down feather cleanness tester
YG(B)819-02 Down feather mixing table
YG(B)819-03 Down feather sorting box

06 Routine testing equipment(1)

DR751K High speed humidity chamber ······33
YG(B)751DG Constant temperature&humidity chamber
YG(B)141G Fabric thickness gauge
YG(B)141D Digital fabric thickness gauge
YG(B)607X Dimensional change tester to hot pressing

Z(B)02Q Textile multi-functional sample cutting machines ······34
Z(B)01Q Pneumatic sample cutter
YG(B)742D Dimensional change tester to steaming
YG(B)742G Dimensional change tester to steaming

YG(B)002AI Fiber composition quantitative analyzer ······35
Y(B)172 Precision Fiber Microtome
Y(B)511B Fabric pick glass

YG(B)002 Fiber fineness integrated analyzer ······36
YG(B)002-2T Fiber fineness integrated analyzer
WT0200 Electronic scale
Z(B)01B Circular sample cutter
Z(B)01B-II Circular sample cutter

B TESTING EQUIPMENT FOR GARMENTS DYEING

01 Color fastness & aging tester to light

DR6000 (Water-cooled)Xenon arc test chambers ······37
DR4000 (Water-cooled)Xenon arc test chambers
DR3000 (Water-cooled)Xenon arc test chambers

YG(B)611-3C Xenon arc test chambers·····38
YG(B)611-III Xenon arc test chambers
YG(B)611-6 Xenon arc test chambers

YG(B)611-M Xenon arc test chambers(Panel)·····39
YG(B)611-MY Xenon arc test chambers(Dental)
YG(B)611QUV QUV weathering tester

02 Color fastness tester

SW-12J Color fastness tester to washing·····40
SW-12AC Color fastness tester to washing
SW-24AC Color fastness tester to washing
SW-12G Color fastness tester to washing
SW-24G Color fastness tester to washing
DR-24GH Color fastness tester to washing

Y(B)571-III Color fastness tester to rubbing·····41
Y(B)571G Color fastness tester to rubbing
Y(B)571A Color fastness tester to rubbing(Manual)
Y(B)571B Color fastness tester to rubbing
Y(B)571C Color fastness tester to brushing
Y(B)571X Color fastness tester to rubbing(Rotary)
Y(B)571JIS Color fastness tester to rubbing(JIS)

YG(B)632 Infiltration instrument to perspiration ······42
YG(B)631 Color fastness tester to perspiration
Y(B)902G Oven for perspiration test
YG(B)605G Color fastness tester to scorch and sublimation
YG(B)605-3 Color fastness tester to scorch and sublimation

03 Shrinkage tester to washing

Y(B)089E Automatic shrinkage tester ······43
Y(B)089T Automatic shrinkage tester
Y(B)085 Shrinkage rule&marker

Y(B)743 Tumbling dryer ······44
Y(B)743GT Tumbling dryer
YG(B)741 Oven for shrinkage testing
YG(B)741X Oven for shrinkage testing

04 Routine testing equipment (2)

YG-6C Automatic dry cleaning tester ······45
YG-1 Dry cleaning tester
YG(B)982 Colour matching cabinet
YG(B)982X Colour matching cabinet
YG(B)982C Colour matching cabinet

WDR-982 Colour fastness grading system ······46
WSB-3A Intelligent digital whiteness meter
YG(B)201D Textile formaldehyde tester
YG(B)201E Textile formaldehyde tester

WDR-3D Fabric pilling&wrinkling measuring system ······47
YG(B)906S Fabric appearance grading viewer

WDR-008 Multi-spectral colour measuring system
WDR009 (KBI) 3D modeling system

05 Testing equipment for protective performance

DR666-40RC Combustion laboratory testing system ······48
DR666-40R Combustion laboratory testing system
DR255 Heat protection tester
DR255C Heat protection tester
YG(B)616S Textile heat shielding tester

DR258A Protective Testing System for Solid Particulate matter in Protective Clothing···49
DR247Y Protective clothing blood penetrability tester
DR247Y1 Protective clothing blood penetrability tester
DR235 Bacteria penetrability tester

DR251XL2 Particles filtration efficiency tester ······50
DR251XL Particles filtration efficiency tester
YG(B)342T Static attenuating tester
YG(B)815F Face mask flammability tester
DR247K Face mask blood penetrability tester

DR246EN Face mask respiratory resistance tester ······51
YG(B)008E Electronic single fiber strength tester
YG(B)461K Face mask pressure difference tester
DR277M Face mask vibration tester

DR251FL-II Particles protective effect tester ······52
YG271 Lens impact tester
YG(B)232D Non-woven moisture regain tester
YG(B)231D Non-woven liquid penetration time tester

C FIBER AND YARN TESTING

YG(B)162D Plush bundle fiber strength tester ······53
YG(B)008E Electronic single fiber strength tester
YG(B)003A Electronic single fiber strength tester
YG111 Yarn length tester

YG(B)021DX Electronic single yarn strength tester ······54
YG(B)021A-II Single yarn strength tester
YG(B)021DL Electronic single yarn strength tester
YG(B)021HL Chemical fiber filament strength tester
YG(B)004C Wool compression resistance elasticity tester

Y(B)802K-II Automatic eight-basket constant temperature oven·····55
YG(B)008G Eight-basket constant temperature oven
Y(B)331C Digital yarn twist tester
Y(B)321 Manual twist tester
YG(B)086A Yarn length tester
YG(B)086 Yarn length tester

Y(B)301-II Electronic coarse yarn length tester·····56
YG(B)381 Yarn examining tester
Y(B)171A/B Fiber cutter
Y(B)171C/D/E Fiber cutter
YG(B)981D Quick fiber oil extractor
YG(B)173N Black fiber tester (CSIRO)

D GEOTEXTILE AND BUILDING

DR028G Universal material tester ······57
DR028E Universal material tester
DR028T Universal material tester

WM021DL Metal wire strength tester ······58
WM021ET Metal wire strength tester
WM021HC Metal wire strength tester

X-Y Electronic bidirectional strength tester ······59
YT020 Geotextile water permeability tester
YT030 Geotextile effective aperture tester

YT010-2000 Geotextile comprehensive electronic strength tester ······60
YT010-5000 Geotextile comprehensive electronic strength tester
YT030 Geotextile effective aperture tester
YT040 Geotextile dynamic perforation tester

YT050 Geotextile wear tester ······61
YT060 Geotextile thickness tester
YT070 Geomembrane impermeability tester
YT080A Gradient ratio permeability tester

YT080 Automatic geosynthetic horizontal permeability tester ······62
YT090 Drainage board horizontal flow tester
YT101Z Geosynthetics tensile creep tester

Fabric testing instrument

Electronic fabric strength testing machine

Software copyright (2012 SR029273) (Patent: CN201520303206.1)

[scope of application]:

Used for various textile tensile, tear, bursting, and fixed load at specified elongation, flexibility, suture slip, stripping, such as mechanical property test, and is widely used in rubber, plastic, leather, metal, wire, paper, packaging, building materials, petrochemical, electrical, geotechnical materials, such as tensile, compression, bending, adhesive, stripping, tear, bursting strength, elongation and creep test, the deformation measurement



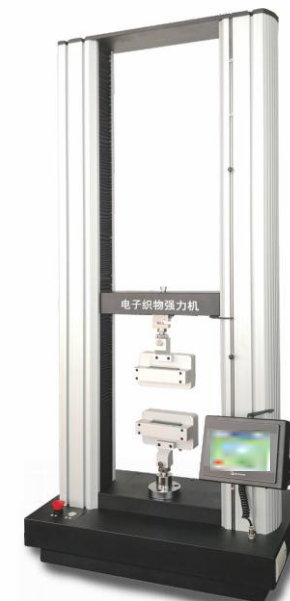
YG(B)026GC
Electronic fabric strength testing machine



YG(B)026SC
Electronic fabric strength testing machine



YG(B)026G
Electronic fabric strength testing machine



YG(B)026HC
Electronic fabric strength testing machine



YG(B)026SH
Electronic fabric strength testing machine



YG(B)026SJ
Electronic fabric strength testing machine

Bursting strength testing machine

Scope of application

Used for cotton fabric, elastic fabric and socks and gloves products marbles break strength and expansion ratio test.

Relevant standards:

FZ/T01030 GB/T19976
ASTM D3787 ASTM D6797,etc.



YG(B)031S
Bursting strength testing machine

Fabric elastic fatigue testing machine

Scope of application

Used for elastic fabrics in accordance with the provisions, dynamic range, to a certain speed tensile and relaxation, after a predetermined number of elastic fatigue resistance test.

Relevant standards: GB/T 37635, etc.



YG(B)092 TC
Fabric elastic fatigue testing machine

Elastic comprehensive strength testing machine

Scope of application:

Used in all kinds of socks, knitted underwear, woven fabric, spandex silk, spandex core, condole belt, elastic material elastic performance test, etc.

Relevant standards:

FZ/T01034 FZ/T01062 ASTM D4964 BS4952,etc.

Y(B)091L



Elastic fabric testing machine

Scope of application:

Used in fabric, leather, insulation materials, thin film materials under load conditions, such as static elongation and the permanent elongation elasticity test.

Relevant standards:

ASTM D3107 ASTM D2594,etc.

Y(B)091J



Electronic Peel Strength testing machine

Scope of application

Used for bonding lining cloth, glued laminated fabric and hot melt adhesive lining and bonded fabric, lining cloth and fabric adhesive, coating adhesion and peel strength test.

Relevant standards:

FZ/T 01085 FZ/T80007.1 AATCC 136 FZ/T01010 FZ/T60011,etc.



Y(B)090L



Y(B)090

Spraying collodion compression elasticity testing machine

(National patents: CN201630424969.1 CN201620900249.2)

Scope of application:

Suitable for polyester staple fiber as main raw material, after the opening, mixing, carding evenly into net spray adhesive on both sides, after the heat treatment spray adhesive made of cotton piece of compression and the volume and elastic.

Relevant standards:

GB/T24252 GH/T 1021 FZ/T64003 ,etc.



YG(B)091CC

Electronic pneumatic burst strength testing machines

National patent:
(ZL201210486480.8 ZL201220628425.3, CN201410696533.8)

Scope of application

Used for gas-pressure method of all kinds of fabrics, including knit fabric, woven fabric, laminated fabric and other technology manufacturing all kinds of fabric under the standard condition or wet burst strength and a burst of expansion degree.

Relevant standards:

GB/T7742.2 (China national standard drafting enterprise)
ISO13938-2 ASTM D3786 IWS TM 29,etc.



YG(B)032Q

Electronic pneumatic burst strength testing mac

Digital Elmendorf tearing tester

(National patent: 201020248613.4)

Scope of application:

Used for all kinds of woven fabric, crack resistance determination (Elmendorf method).

Relevant standards:

GB/T3917.1 FZ/T60006
FZ/T75001 ISD1974/9290 ASTM D1424/5734C,etc.



YG(B)033T

Digital Elmendorf tearing tester

Electronic burst strength testing machines

(Software copyright: 2012SR100681) (National patent: CN201520479096.4 ZL201921386045.1)

Scope of application:

Used for all kinds of textiles, weaving, leather and other materials, in each direction and the force at the same time, expansion drive and determination of expansion degree.

Relevant standards:

GB/T7742.1 FZ/T60019 JIS 1018 ISO2960 ASTM D 3786 ,etc.



YG(B)032EC



YG(B)032E



YG(B)032T



YG(B)033E



YG(B)033B



YG(B)033A

Comprehensive strength tester for children's products

(Hangzhou entry-exit inspection and quarantine cooperation project)

Scope of application:

Standard for children's clothing, the European toy safety standard, the U.S. toy safety standards, national toy safety technical specifications of this standard and other standards specified in the tension and pressure (constant pressure and constant time) and torque (constant pressure and constant time) test.

Relevant standards:

GB/T32599 (China national standard drafting enterprise)
GB6675 GB/T22704 ASTM F963 16CFR1500.51
BS7909 EN71-1, etc.



DR026SR

Comprehensive strength tester for children's products

Children strap waist bench load testing machine

National patent (ZL201821420445.5)

Scope of application:

Used for infant toddler belt and braces for dynamic load test in the evaluation of straps or backpack fixed pieces from, joint separation, and so on and so forth.

Relevant standards:

GB/T 40227 (China national standard drafting enterprise)
GB / T 35270 GB / T 35448, etc.



DR026SY

Children strap waist bench load testing machine

Children's strap dynamic load tester

Scope of application:

Used for infant toddler belt and braces for dynamic load test in the evaluation of straps or backpack fixed pieces from, joint separation, and so on

Relevant standards:

GB/T 35448 GB/T 35270, etc.



DR026ST

Child strap bottom opening tester

Scope of application:

Test infant leg by straps or backpack leg opening.

Related standard:

GB/T 35270, etc.



DR026SK

Sharp cusp testing machine

Scope of application:

Used for children's clothing, European toy safety standard, the U.S. toy safety standards, national standards such as toy safety technical specification standards specified in the test of the sharp tip.

Relevant standards:

GB31701 GB / T31702 GB6675 GB / T22704
EN71-1 BS7909 ASTM F963 16CFR1500.51, etc.



DR71J

Sharp edge testing machine

Scope of application:

Used for children's clothing, European toy safety standard, the U.S. toy safety standards, national standards such as toy safety technical specification standards specified in the test of the sharp tip.

Relevant standards:

GB31701 GB / T31702 GB6675 GB / T22704
EN71-1 BS7909 ASTM F963 16CFR1500.51, etc.



DR71B

Zipper comprehensive strength testing machine

National patent: (CN201620446060.0)

Scope of application:

Use to check for zipper, self-locking, split between, socket shift, pull head, and polyester silk, zippers, ribbon and Strength testing

Relevant standards:

QB / T2171
QB / T2172
QB / T2173,etc.



YG(B)026SL

Zipper comprehensive strength testing machine

Zipper pull load testing machine

Scope of application:

For a variety of zipper pull head and anti-torsion test.

Relevant standards:

QB / T2171.
QB / T2172
QB / T2173,etc.



YG(B)823L

Zipper pull load testing machine

Martindale pilling & abrasion tester

National patent: (CN201420723778.0)

Scope of application:

Used in textiles, membrane materials resistant to wear, abrasion, and the appearance change (Pilling) performance test (Martindale method).

Relevant standards:

GB/T21196 (China national standard drafting enterprise)
FZ/T98014 (Main drafting enterprise)
GB/T 4802.2 FZ/T 20020 ASTM D4966 JIS L1096
ASTM D3886 ASTM D4970 GB/T13775 ISO12945.2
ISO12947 IWSTM196 / TM112 M&S, etc.



YG(B)401G

Martindale pilling & abrasion tester

YG(B)401GC

Martindale pilling & abrasion tester

Zipper gently slip testing machine

Scope of application:

For a variety of zipper slide degree test.

Relevant standards:

QB/T2171 QB/T217
QB T2173,etc.



YG(B)821L

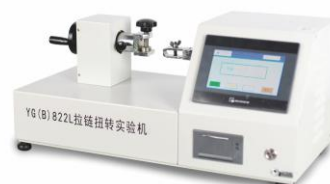
Zipper torsion testing machine

Scope of application:

For a variety of zipper pull head and twisting force test.

Relevant standards:

QB/T2171 QB/T2172
QB T2173,etc.



YG(B)822L

Socks strength testing machine

Scope of application:

used for socks, knitting belt, knitting swimsuit, knit pants, knitting leg warmers knitted fabric, such as straight to the extension of value and the determination of horizontal extension value.

Relevant standards: FZ/T 70006 FZ/T 73001 FZ/T 73011 FZ/T 73013 FZ/T73029 FZ/T73030,etc.



YG(B)831D



YG(B)831L



YG(B)401GF



YG(B)401T



YG(B)401C

The disc sampler

Scope of application:

Form a complete set of wear-resisting, pilling performance test, used to cut all kinds of wool spinning, cotton, chemical fiber, knitting fabric, such as round samples.



Z(B)01M



Z(B)01M-II

Rolling box pilling & snagging tester

Scope of application:

Used in fabric (especially wool knitted fabric) in the case of no pressure degree of pilling test.

Relevant standards:

GB/T4802.3 ISO12945.1 BS5811 JIS L1076 IWS TM152, etc.



YG(B)511J-4

Rolling box pilling & snagging tester

YG(B)511-IX

Rolling box pilling & snagging tester

Fabric pilling & snagging tester

(National patent: ZL201420723778.0)

Scope of application:

For a variety of woven fabric, woven fabric pilling performance test (circular locus method).

Relevant standards:

GB/T4802.1, etc.



DR502J

Fabric pilling & snagging tester

DR502JT

Fabric pilling & snagging tester



YG(B)511E-II

YG(B)511E-IV

YG(B)511E-VI



DR502LN



YG(B)502

Tumbling fabric pilling & snagging tester

Scope of application:

Free rolling friction within the cylinder for fabric pilling properties under the condition of test.

Relevant standards:

GB/T4802.4 (China national standard drafting enterprise)
ISO12945.3 ASTM D3512 ASTM D1375, etc.



YG (B) 512

Tumbling fabric pilling & snagging test

Mace snag tester

Scope of application:

Class used to coat fabric especially chemical fiber filament yarn fabric and its deformation and other easy to hook silk hook wire resistance test.

Relevant standards:

GB/T 11047 ASTM D3939, etc.



YG(B)518D

Mace snag tester

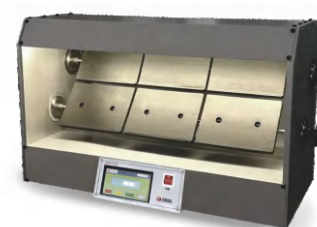
Pilling & snagging tester rating box

Scope of application:

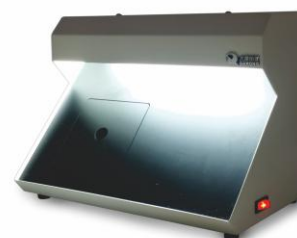
Used for textiles of pilling results in a particular light source.

Relevant standards:

GB/T 4802 ISO12945 ASTM D3512 ASTM D3939, etc.



YG(B)901G



YG(B)901

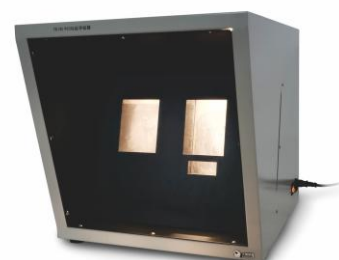
Hook wire rating box

Scope of application:

Used for knitted fabric and other easy to hook silk, hook wire resistance rating after testing

Relevant standards:

GB/T 11047 ASTM D3939 JISL1058, etc.



YG(B)903

Fabric abrasion machine

Scope of application:

Used for various textile wear-resisting performance test, can also be applied to leather, carpet, material, rubber, plastic sheet abrasion test.

Relevant standards:

ISO5470-1 ASTM D3884 DIN53863.2, etc.



YG(B)522G

Fabric depilation tester

National patent: CN201621205589.X
CN201610982368.1

Scope of application:

Used for detecting the surface quantity of wool fibers of textiles.

Relevant standards:

GB/T40270(China national standard drafting enterprise)
T/CNTAC22(China national standard drafting enterprise), etc.



YG(B)526B



YG(B)526

DR555FT Fabric touch feeling tester. (National patent: CN202011251927.4)

Scope of application:

Used for all kinds of textile products, such as knitting, rib fabric and non-woven fabric, etc., under the condition of not sweating, fabric in the process of contact with the skin contact comfort related fabric physical properties test and evaluation.



DR555FT

Fabric touch feeling tester

Intelligence fabric crease elasticity tester (National patent: 200820101051 X)

Scope of application:

Reply for textiles after folding, performance testing.

Relevant standards:

GB/T3819 ISO2313 AATCC66 M&S,etc.



YG (B) 541 E

Intelligence fabric crease elasticity tester

Fabric drape performance tester (Software copyright 2010 SR046297:)

Scope of application:

Used in all kinds of fabric dynamic and static drape performance (drape coefficient, lively rate, corrugated surface and aesthetic coefficient) such as index of testing.

Relevant standards:

GB/T23329 FZ/T 01045 BS5058,etc.



YG(B)811E

Automatic fabric softness tester

Scope of application:

Used in all kinds of textile softness measurement, also suitable for paper, leather softness determination of the film, and other flexible material.

Relevant standards:

GB / T18318.1 ISO 9073 ASTM D1388,etc.



YG(B)022 E

Fabric bending performance tester

Scope of application:

For all kinds of textile fabric, cardboard and bending performance testing of materials.

Relevant standards:

GB/T18318.4 ,etc.



YG(B)022G

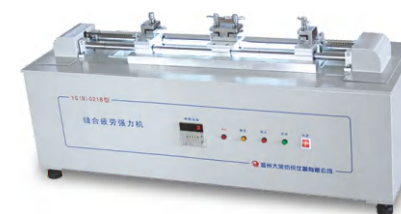
Seam fatigue strength machine

Scope of application:

Used for car seating surface part of the suture strength of material use for testing.

Relevant standards:

JASO M403,etc.



YG(B)021B

Fabric drape performance tester (National patent: CN201620022706.2)

scope of application:

Used for testing fabric under certain load fold pressure after a certain time response ability.

Relevant standards:

GB/T29257 AATCC128 ISO9867,etc.



YG(B)542M

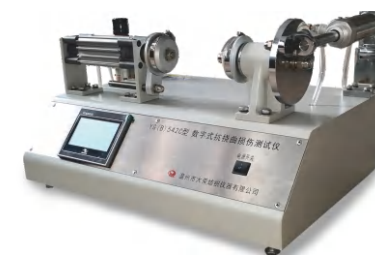
Fabric damage resistance to flexure tester

Scope of application:

For material such as leather, rubber, plastic sheet flexure resistance test.

Relevant standards:

BS3424 11 d GJB2320 FZ/T 01052,etc.



YG(B)542C

Sweat thermal manikin system

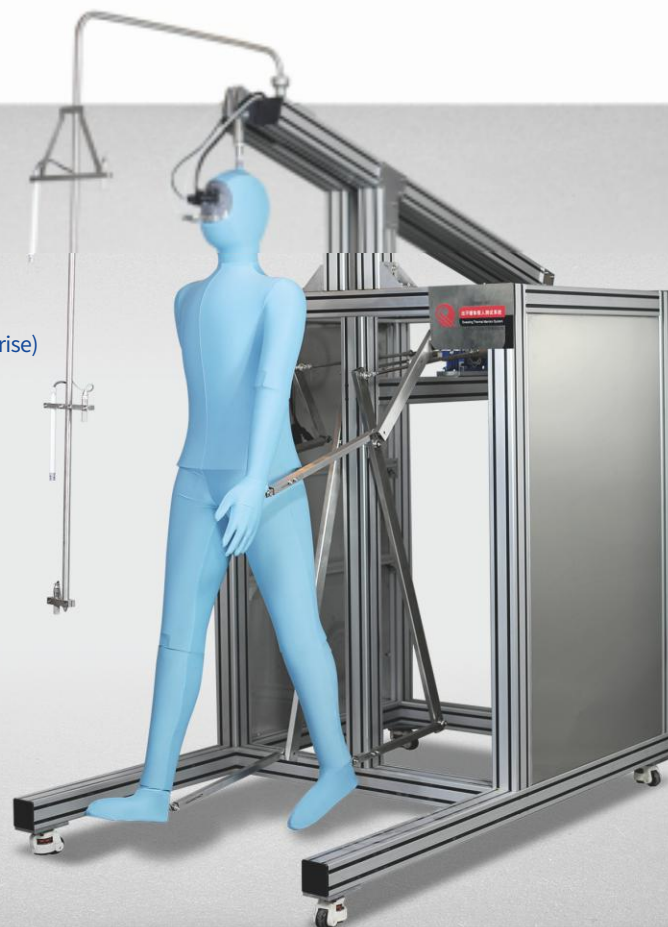
(National patent: CN202011249423.9)

Scope of application:

Used to simulate the human body and clothing system of heat exchange process evaluation of garments' integral thermal resistance and moisture resistance properties.

Relevant standards:

GB / T 39605 (China national standard drafting enterprise)
GB / T 18398 GB / T 11048
ISO15831 ASTM F1291 ASTM F1720
ASTM F2370 EN342,etc.



DR606-34T

Sweat thermal manikin system

YG (B) 606 G Textile thermal resistance and moisture resistance tester

(National patent: ZL 201320143699.8, ZL 201320141877.3)

Scope of application:

For fabric and textile products under the condition of steady state thermal resistance and moisture resistance of determination.

Relevant standards:

GB/T 11048 (China national standard drafting enterprise)
S011092:1993 ASTM D1518 ASTM F1868 (A-E)
JIS L1096 ENPA1971 ,etc.



YG (B) 606 G

Textile thermal resistance and moisture resistance tester

Walk-in climate room

Scope of application:

When used for warm dummy experiment of high and low temperature constant and the gradient, hot and humid environment simulation testing.

Relevant standards:

GB/T2423 ,etc.



DR048-16

Textiles thermal resistance tester

Scope of application:

For fabric and textile products under the condition of steady state thermal resistance measurement.

Relevant standards:

GB/T 11048
(China national standard drafting enterprise)
ISO11092:1993 ASTM D1518
ASTM F1868 (A-E) JIS L1096
NFPA1971,etc.



YG(B)606N

Fabric insulation tester

Scope of application:

Used for various fabric plate type constant temperature heat test method for thermal resistance performance.

Relevant standards:

GB/T11048-2008
(China national standard drafting enterprise)
GB/T35762 ASTM D1518 JIS L1096,etc.



YG(B)606E

Textiles light heat storage performance tester

Scope of application:

Used for textile light heat storage performance test.

Relevant standards:

GB/T18319-2019,etc.



YG(B)611MX

Fabric cool feeling tester

(National patent: CN201621154995.8 CN202030684801.0)

Scope of application:

Used for testing textile contact instant dry skin feeling.

Relevant standards:

GB/T 35263 (China national standard drafting enterprise)
T/CTCA4 FTTS - FA - 019, etc.



YG (B) 616 NC
Fabric cool feeling tester

Textile water evaporation rate tester...

(National patent: ZL201620025337.2)

Scope of application:

Hygroscopic textiles speed dry evaluation.

Relevant standards:

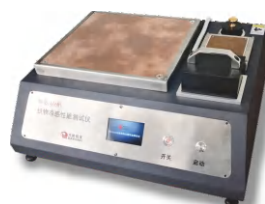
GB/T 21655.1, etc.



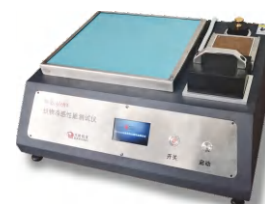
DR290G
Textile water evaporation rate tester



YG(B)616N



YG(B)616NL



YG(B)616NX



YG(B)616NT

DR290JY Fabric sticking rate tester

(National patent: ZL201921407240.8)

Scope of application:

Measuring fabrics under the wet to the skin surface of normal adhesion force, tangential adhesion force and used for evaluating the comfort of the fabrics.



DR290JY

Textile liquid moisture transfer performance tester

(National patent: CN202030683826.9)

scope of application:

Used for textile wet absorption, quick-drying properties of liquid water dynamic transfer performance test and evaluation.

Relevant standards:

GB/T21655.2 AATCC195, etc.



DR290MC

Textile Drying rate tester (air flow method)

(National patent ZL201821419384.0)

Scope of application:

For functional moisture quick-drying fabric maximum water quantity, the drying time and drying rate test.

Relevant standards:

AATCC200, etc.



DR290Q

Textiles Drying rate tester (hot plate method)

(National patent: ZL201921405891.3)

Scope of application:

For functional moisture quick-drying fabric drying time and drying rate test.

Relevant standards:

AATCC201, etc.



DR290F

Warning clothing reflection performance tester.

(National patent: ZL201821419620.9)

Scope of Application:

For warning clothing under dry and wet in the rain reflective performance evaluation, determination of back reflection coefficient on the surface of the sample.

Relevant Standard:

GB 20653, etc.



DR917G

Warning clothing reflection performance tester

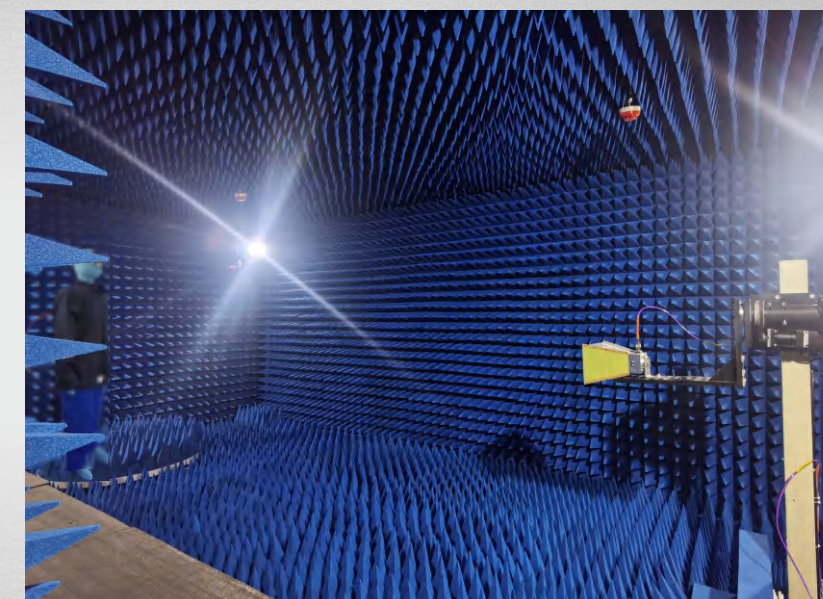
Garment anti-electromagnetic radiation performance test system

Scope of Application:

By microwave test dummies, half in the electromagnetic waves, through the electromagnetic radiation sources (including signal amplifier and a directional antenna) emission of different frequency electromagnetic wave, the test dummy head, chest and abdomen three parts of the receiving sensor respectively perception dummies after dressing the strength of the electromagnetic wave attenuation, this system adopts the real simulation of the overall comprehensive test of microwave protection protective clothing Sex.

Relevant Standard:

GB/T23463, etc.



DR999WB

Garment anti-electromagnetic radiation performance test system

Fabric generates negative ions tester

Scope of Application:

The determination of textile generates negative ions (dynamic friction method)

Relevant Standard:

GB/T 30128, etc.

DR407M



Fabric light transmittance tester

(National patent: ZL201820442526.9)

Scope of Application:

Used to measure the ratio of the illuminance through the textile sample to the illuminance without the sample.

Relevant Standard:

FZ/T62025, etc.

DR916G



Textile wet & heat absorption performance tester

Scope of Application:

Used for testing dry fabric due to moisture absorption characteristics of the heat.

Relevant Standard:

GB/T29866 FZ/T73036, etc.

DR291F



Fabric anti-electromagnetic radiation performance tester

(National patent: 201020501979.8 201921402427.9)

Scope of Application:

Used in textile, plastic, sheet metal, the surface coating or coating conductive materials, metal mesh conductive film, conductive glass, such as electromagnetic shielding conductive medium plate materials of electromagnetic shielding effectiveness test (shielding chamber method and the flange coaxial method).

Relevant Standard:

JGB6190 GB/T23326 GB/T25471 FCPTM8 SJ20524 ASTM4935, etc.

DR-913G



DR-913GP



DR-913P

Film covering fastness tester

(National patent: CN201610683266.X CN201610684794.7)

Scope of Application:

Used for testing fabric filter material combined with the surface of the microporous membrane, the strong degree of suitable for filter material.

Relevant Standard:

HJ/T326, etc.

YG (B) 032F

Film covering fastness tester



Textile ultraviolet prevention performance tester

(Software copyright: 2010SR046298)

Scope of Application:

Used for testing textile ultraviolet transmittance and UV protection performance (UPF)

Relevant Standard:

GB/T 18830 AS/NZS 4399 AATCC183 BS7914, etc.

YG(B)912E



Textile far-infrared radiation temperature tester

(national patent: ZL201520468420.2)

Scope of Application:

With far infrared radiation source with constant radiation intensity on the tested sample temperature value after a certain period of time, so as to determine the far-infrared properties of textiles.

Relevant Standard:

GB/T30127, etc.

DR915W



Textile far-infrared emissivity tester

(National patent: CN201621294728.0 CN201630581461.2)

Scope of Application:

Use standard black board with sample to be tested in the same temperature, measured by the infrared radiation intensity ratio, which determine the far-infrared properties of textiles.

Relevant Standard:

GB/T30127, etc.

DR915G



Testing equipment for fabrics

Function

Fabric rotating friction electrostatic tester

Scope of Application:

Used for evaluation in the form of friction charged after the fabric or yarn and other materials static characteristics.

Relevant Standard:

FZ/T 01061 GB/T 12703.5, etc.

YG(B)341E



YG(B)341D



Fabric corona charging electrostatic tester

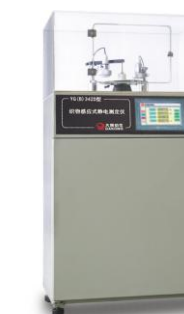
Scope of Application:

For in the form of corona charged after all kinds of fiber, yarn, fabric, carpet, decoration materials and other plate electrostatic measurement to evaluate the performance of manufactured goods.

Relevant Standard:

FZ/T01042 GB/T 12703.1, etc.

YG(B)342E



YG(B)342D



Fabric horizontal friction electrostatic tester

(National patent: ZL201921405920.6)

Scope of Application:

Applies to friction charged to bear all kinds of textiles, manufacturing clothing textiles produced to the difficulty of the electrostatic and electrostatic attenuation performance.

Relevant Standard:

GB/T12703.8 JIS L1094 ISO 18080-4, etc.

YG (B) 343D



Fabric friction charge tester

Scope of Application:

Used under the condition of laboratory, friction charged after static characteristics test.

Relevant Standard:

Gb12059 GB12014 GB/TO1060, JIS L1094 GB/T12703.3, etc.

YG(B)403



Fabric resistivity tester

Scope of Application:

Used to measure all kinds of fabrics, and other materials of surface resistivity and volume resistivity.

Relevant Standard:

GB/T22042 GB/T1410 FZ/T64013 SJ 10694, GB/T12703.4, etc.

YG(B)406



Fabric flame retardant tester

Scope of application:

It is used to test the flame retardant properties of various fabrics in the vertical direction, such as continuous burning, smoldering time and carbonization tendency.

Related standards:

GB/T5455 (China national standard drafting enterprise)
GB/T13488/13489 GB/T2408 ISO1210
CFR1615 ASTM D6413,etc.



YG(B)815D-I

Fabric flame retardant tester

Fabric flame retardant tester

Scope of application:

It is used to determine the vertical flame spread of textiles.

Related standards:

GB/T 5456 ISO 15025 GB 32086 etc.

Fire-fighting boots flame retardant performance tester

Scope of application:

It is suitable for the flame retardant performance test of protective boots.

Related standards:

NEPA 1971,etc.



YG(B)815X

Fire-fighting boots flame retardant performance tester



YG(B)815CV

Fabric flame retardant tester

Scope of application:

It is used to test the combustion performance of all kinds of textile materials.

Related standards:

GB/T8410 FZ/T01028 ASTM D5132
JIS D1201 ,etc.



YG(B)815D-II

Scope of application:

It is used to test the damaged area, damaged length or the number of exposure to flame when the fabric is burnt at 45 degrees.

Related standards:

GB/T14645 ,etc.



YG(B)815D-III

Scope of application:

It is used to test the burning intensity and speed of flammable textile materials after being ignited.

Related standards:

GB/T14644 ASTM D11230
CFR1610 ,etc.



YG(B)815D-IV

Bedding Flammability Tester

Scope of application:

It is used to determine the ignitability of bed textiles with an ignition source equivalent to the flame of a match.

Related standards:

GB/T 20390
(China national standard drafting enterprise)
ISO12952-2 ,etc.



YG(B)815J

Carpet burning performance tester

Scope of application:

It is used for surface burning test of standard fire source to judge the flame retardant performance of the sample.

Related standards:

GB/T 11049 CPAI ,etc.



YG(B)815DT

Sofa mattress flammability tester

Scope of application:

Test method for ignitability of seat cushions and mattresses with smoldering sources and flame burning sources.

Related standards:

BS5852 ,etc.



YG(B)815S

Fabric air permeability tester

(Software copyright 2012SR100614)

(China National Patent: 201420108980.2 201430047489.9 201420109123.4 CN201520754736.8 CN202030684804.4)

Scope of application:

It is used to measure the air permeability of a variety of textile fabrics, including technical fabrics, non-woven fabrics and other textile products and other air-permeable materials

Related standards:

GB/T5453 GB/T13764 ASTM D737 ISO9237 ISO5636,etc.



YG(B)461G

Fabric air permeability tester



YG(B)461E

Fabric air permeability tester



YG(B)461X

Fabric air permeability tester

Textile hydrostatic pressure tester

(China National Patent: ZL201410696533.8 ZL201420724357.X)

Scope of application:

It is used to determine the impermeability of various fabrics (such as canvas, coated cloth, tent cloth, rainproof clothing and geotextile materials, etc.) that have undergone water-repellent treatment.

Rated standards:

GB/T4744 (China national standard drafting enterprise)

FZ/T01004 AATCC127 JIS L1099

DIN 53886 JIS L1092 BS7209 ,etc.



YG(B)812T series

Textile hydrostatic pressure tester

Fabric moisture permeability meter

(National Patent:CN201630582083.X CN201520756621.2)

Scope of application:

It is used for the moisture permeability measurement of various fabrics (including moisture-permeable coated fabrics) and non-woven fabrics such as cotton wool, space cotton, sports fabrics, etc.

Related standards:

GB/T12704 ASTM E90 ASTM E96 JISL1099A BS7209 JIS L1099B ISO71230 ,etc.



YG(B)216TC



YG(B)216T



YG(B)216G



YG(B)812Q



YG(B)812D



YG(B)812

Bundesmann water repellency tester

(China National Patent: CN201720103695.5)

Scope of application:

The water repellency of the fabric was measured by the Bundesmann method.

Related standards:

GB/T14577 ISO9865
BS EN 29865 DIN53888
JIS L1092,etc.



Y(B)813B

Bundesmann water repellency tester

Fabric waterproof performance tester

Scope of application:

This instrument is used to measure the permeability of various fabrics against a certain impact strength and spray rain to predict their permeability against rain.

Related standards:

GB/T23321 ISO22958 AATCC 35,etc.



Y(B)813G

Fabric waterproof performance tester

Fabric water repellency Tester

Scope of application:

It is used to test the moisture resistance (wetting grade) of the surface of various fabrics with or without water-repellent or water-repellent finishing.

Related standards:

GB/T4745 ISO4920 AATCC22
JIS L1092 ,etc.



Y(B)813

Fabric impact penetration and water permeability tester

Scope of application:

It is used to determine the water permeability (resistance to rain penetration) of fabrics under low-impact conditions.

Related standards:

AATCC42 ISO18695 GB/T33732 ,etc.



Y(B)813T

Towel water absorption tester

Scope of application:

Used for water absorption test of towel products.

Related standards:

GB/T22799-2009 Method B ,etc.



Y(B)813X

Capillary effect tester

Scope of application:

It is used to determine the height of the absorption of the test solution by the capillary effect of the fabric, and to evaluate its water absorption and air permeability.

Related standards:

FZ/T01071 ,etc.



YG(B)871

Non-woven water absorption tester

Scope of application:

It is used to test the liquid absorption performance of non-woven fabrics.

Related standards:

GB/T 24218.6-2010 ,etc.



YG(B)871A

Daimaru bleeding Tester

Scope of application:

Test the possibility of dissolution and color migration of dyes in the dyed part of the fabric to a white or light-colored background.

Related standards:

DAIMARU BLEEDING TEST ,etc.



YG(B)871S

Fabrics downproof tester

(China National Patent: CN202030683817.X CN202011251915.1)

Scope of application: It is used to test the performance of various fabrics to prevent down or feathers from leaking through the seams.

Related standards:

GB/T14272 , etc.

(China national standard drafting enterprise)



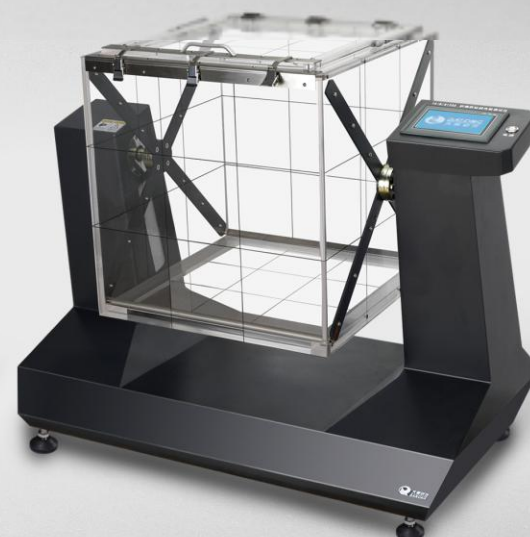
YG(B)819D

Fabrics downproof tester



YG(B)819DL

Fabrics downproof tester



YG(B)819DG

Fabrics downproof tester

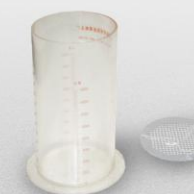
Down feather filling power tester

Scope of application:

It is suitable for the testing of the bulkiness of down, feather and product filling materials.

Related standards:

GB/T14272 GB/T10288 FZ/T80001 ,etc.



YG(B)817

Down feather filling power tester



YG(B)817T

Down feather filling power tester

Fabrics downproof tester

Scope of application:

Using the friction method to test the fabric's ability to prevent feathers, down and down from drilling from its surface.

Related standards:

GB/T12705.1 GT/T14272 BS/EN12132-1,etc.



YG(B)819M



YG(B)819MG

Down feather pre-processing case

Scope of application:

It is used for down and feather pretreatment and restoration.

Related standards:

GB/T14272 GB/T10288 FZ/T80001,etc.



YG(B)819-01

Rotary platform for down feather

Scope of application:

When used for down pre-treatment, it provides an automatic rotating platform for the pre-treatment box.

Related standards:

GB/T14272 GB/T10288 FZ/T80001,etc.



YG(B)819-05

Down feather mixing table

Scope of application:

It is used to remove down and mix amples for full analysis of down and feathers.

Related standards:

GB/T14272 GB/T10288 FZ/T80001 ,etc.



YG(B)819-02

Down feather sorting box

Scope of application:

It is used for picking down when analyzing the composition of down and feathers.

Related standards:

GB/T14272 GB/T10288 FZ/T80001 ,etc.



YG(B)819-03

Down feather cleanness tester

cope of application:

It is used for down cleanliness testing.

Related standards:

GB/T10288 ,etc.



YG(B)814

Constant temperature&humidity chamber

(National patent: CN201420842606.5)

Scope of application:

It is used for mechanical temperature adjustment and humidity adjustment balance of various textiles before testing physical and mechanical properties

Related standards:

GB/T6529
ASTM D1776 ,etc.



DR751K

High speed humidity chamber

YG(B)751DG

Constant temperature&humidity chamber



Textile multi-functional sample cutting machines

Scope of application:

It is used for sampling and cutting of various fabrics, leather, rubber and other materials.

Related standards:

GB/T2912.1 GB/T4669 GB/T4802 GB/T19976 GB/T3923 ,etc.



Z(B)02Q

Textile multi-functional sample cutting machines

Fabric thickness gauge

Scope of application:

It is used to measure the thickness of various woven fabrics, knitted fabrics and even thin materials.

Related standards:

ISO5084/9073/9863 GB/T3820 FZ/T01003
ASTM D1777 ,etc.



YG(B)141G



YG(B)141D

Dimensional change tester to hot pressing

Scope of application:

It is used to evaluate the dimensional stability and other related properties of fabrics and hot-melt adhesive interlinings after dry heat treatment.

Related standards:

GB/T17031.1/2 GB/T8632 ISO9866.1/2
FZ/T01076/01082 ,etc.



YG(B)607X

Pneumatic sample cutter

Scope of application:

It is used for sampling and cutting dies of various woolen, cotton, chemical fiber, knitted fabrics, leather, rubber and other materials.



Z(B)01Q

Dimensional change tester to steaming

Scope of application:

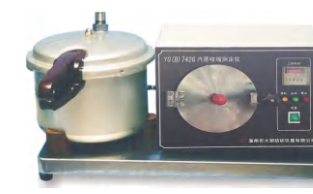
Used to test the dimensional change of the fabric after being exposed to steam under the condition of no force

Related standards:

FZ/T20021 ISO3005 ,etc.



YG(B)742G



YG(B)742D

Fibre composition quantitative analyzer

Scope of application:

It is used to measure the qualitative and diameter measurement of various fibers such as animal fiber, plant fiber, regenerated cellulose fiber, chemical fiber, and the determination of cotton and linen fiber content in various blended products.

Related standards:

FZ/T 01057.3 SN/T 0756 FZ/T30003 ,etc.



YG(B)002AI

Fibre composition quantitative analyzer

Fiber fineness integrated analyzer

Scope of application:

It is used for various fiber diameter measurement, cross-section analysis and textile composition content determination

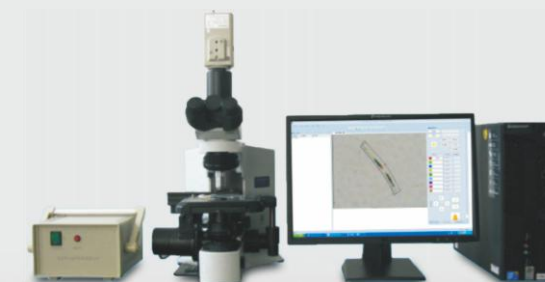
Related standards:

GB/T 10685 GB/T 116988 FZ/T 30003 SN/T 0756 AATCC 20A ,etc.



YG(B)002

Fiber fineness integrated analyzer



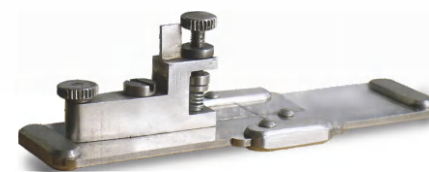
YG(B)002-2T

Fiber fineness integrated analyzer

Precision Fiber Microtome

Scope of application:

It is used for various fiber analysis, cut a certain thickness of fiber section slices



Y(B)172

Fabric pick glass

Scope of application:

It is used for the determination of warp and weft density of various fabrics

Related standards:

GB/T4668 ,etc.



Y(B)511B

Electronic scale

Scope of application:

It is used to test textile weight and yarn count when weighing.

Related standards:

GB/T 4669/4802.1 ISO23801 JB5374 ISO2060.2 ASTM ,etc.



WT0200



Z(B)01B
Z(B)01B-II

Sample cutter

Related standards:

It is used for cutting round standard samples of various fabrics.

Testing equipment for garments dyeing

(Water-cooled)Xenon arc test chambers

(China patent number: 200820121049.2 200820121050.5 201220204058.4
CN201610325169.3 CN201620447508.0 CN201520754700.X ZL201921360276.5)

Scope of application:

It is used to conduct solar radiation simulation tests (light, rain, temperature and humidity, etc.) on products and materials in rubber, plastics, paint, petrochemical, automotive, textile and other industries to assess the fading, aging, deterioration, and penetration of products Rate, peeling, hardening, softening and other properties.

Related standards:

GB/T8427 (China national standard drafting enterprise)
GT/T35256 (China national standard drafting enterprise)
GB/T8430 GB/T9344 GJB150.7
GB/T1865 GB/T2423 GB/T16422
GB/T12831 GB/T14576 ISO03917
ISO4892 ISO11341 ISO105
AATCCTM16 AATCC169 SAEJ1885
SAEJ1960 ASTM G26 ASTM D6695 ,etc.



DR6000

Testing equipment for garments dyeing

Testing equipment for garments dyeing

Color fastness & aging tester to light

Xenon arc test chambers(Air-cooled)

(China patent number: CN202030684805.9)

Scope of application:

It is used for the light fastness and weather fastness test in the color fastness test. It can also be used for the light fastness test and light aging test of other materials such as paints, pigments, coatings, rubber, plastics, wood floors and paper.

Related standards:

GB/T8427 (China national standard drafting enterprise)
GB/T14576 GB/T15102 GB/T15104
GB/T8430 ISO105 AATCC TM16 ,etc.



YG(B)611-3C

Xenon arc test chambers(Air-cooled)



DR4000



DR3000



YG(B)611-6



YG(B)611-III

Xenon arc test chambers

Scope of application:

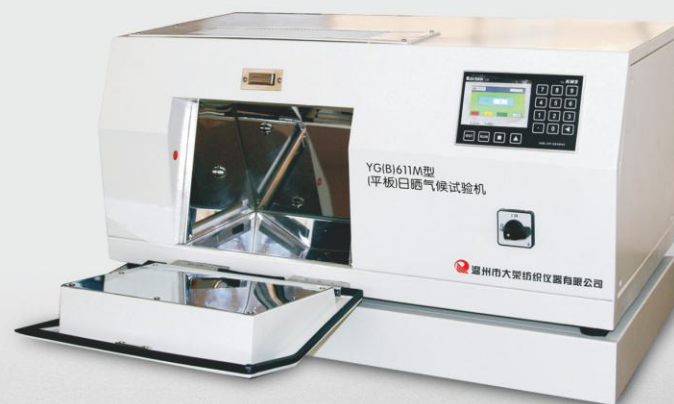
It is used for the light fastness test in the color fastness test, and can also be used for the light fastness test and light aging test of paints, pigments, coatings, rubber, plastics, wood floors, paper and other materials.

Related standards:

GB/T14576 GB/T8427 GB/T8430
ISO105-B02 ISO105-B04 ,etc.

YG(B)611M

Xenon arc test chambers



Color fastness tester to washing

(China patent number:CN201630582088.2)

Scope of application:

It can be used to test the color fastness to washing, dry cleaning and shrinking of various textiles. It can also be used to test the color fastness of dyes to washing.

Related standards:

AATCC61/1A/2A/3A/4A/5A JIS L 0860 / 0844
BS1006 GB/T3921/1/2/3/4/5
ISO105C01/02/03/04/05/06/08 ,etc.



SW-12J

Color fastness tester to washing



SW-12AC SW-24AC

Color fastness tester to washing



SW-12G SW-24G

Color fastness tester to washing

Xenon arc test chambers(Dental)

Scope of application:

It is used for light aging test of denture materials.

Related standards:

ISO 7491 YY/T0631 ,etc.



YG(B)611MY

QUV weathering tester

Scope of application:

Using ultraviolet light to simulate the effect of sunlight, and use condensation moisture to simulate rain and dew. The material to be tested is placed in alternating cycles of light and moisture at a certain temperature for testing.

Related standards:

GB/T14522 GB/T16422.3 GB/T16585 ASTM D-4674 ,etc.



YG(B)611QUV

Environmental friendly color fastness tester to washing

Scope of application:

It can be used to test the color fastness to washing, dry cleaning and shrinking of various textiles. It can also be used to test the color fastness of dyes to washing.

Related standards:

AATCC61/1A/2A/3A/4A/5A JIS L 0860 / 0844
BS1006 GB/T5711 GB/T3921/1/2/3/4/5
ISO105C01/02/03/04/05/06/08 DIN NF
CIN/CGSB AS ,etc.



DR-24GH

Color fastness tester to rubbing

(China patent number: 201120009713.6)

Scope of application:

It is used to test the color fastness of cotton, chemical fiber, blended fabric and other colored fabrics and leather to dry and wet rubbing and scrubbing.

Related standards:

ISO105-X12 GB/T3920/5712/420
AATCC8/165 BS1006 D02 ,etc.



Y(B)571-III

Color fastness tester to rubbing

Infiltration instrument to perspiration

(China patent number: ZL201721863847.8)

Scope of application:

It is used for fully automatic infiltration of samples during the test of color fastness to perspiration of various textiles

Related standards:

Perspiration resistance: GB/T3922 AATCC15
Seawater resistance: GB/T5714 AATCC107
Water resistance: GB/T5713 AATCC106 ISO105 ,etc.



YG(B)632

Infiltration instrument to perspiration



Y(B)571G



Y(B)571A



Y(B)571B Y(B)571C

Color fastness tester to rubbing(Rotary)

Scope of application:

It is used for the testing of color fastness of textile, printing and dyeing, printing and other products after specific track rubbing.

Related standards:

AATCC116 ISO-X16 ,etc.



Y(B)571X



Y(B)571JIS

Color fastness tester to rubbing(JIS)

(China patent number: CN201620446408.6)

Scope of application:

It is used for the testing of color fastness of textile, printing and dyeing, printing and other products after specific track rubbing.

Related standards:

JIS-L0801 / 0823 / 0849 / 1006 / 1084 / K6328 / P8136 ,etc.

Color fastness tester to perspiration

Scope of application:

It is used to test the color fastness to perspiration of various textiles and to determine the color fastness to water, sea water and perspiration of various colored and colored textiles.

Related standards:

Perspiration resistance :GB/T3922 AATCC15
Seawater resistance:GB/T5714 AATCC107
Water resistance:GB/T5713 AATCC106 ISO105 ,etc.



YG(B)631

Oven for perspiration test

Scope of application:

It is used for drying during the test of color fastness to perspiration of various textiles

Related standards:

Perspiration resistance :GB/T3922 AATCC15
Seawater resistance:GB/T5714 AATCC107
Water resistance:GB/T5713 AATCC106 ISO105 ,etc.



YG(B)902G

Color fastness tester to scorch and sublimation

Scope of application:

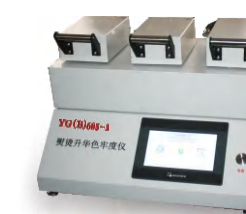
It is used for testing the color fastness to ironing and sublimation of various colored textiles

Related standards:

AATCC92/114/117/133 L0854 BS1006 P01&X11
DIN54022/54060 GB/T 5718/6152 SO105-X11
M&S P10 X11&P01 JIS L0850 L0879 ,etc.



YG(B)605G
YG(B)605DG



YG(B)605-3

Automatic shrinkage tester

(China patent number: CN201520755400.3)

Scope of application:

It is used to test the dimensional stability of fabrics, clothing or other textiles after washing.

Related standards:

GB/T 8629 (China national standard drafting enterprise)
BS4923 EN25077/26330 GB/T8630 JIS L1909
ISO6330/5077 FZ/T70009 M&S IWS,etc.



Y(B)089E

Automatic shrinkage tester

Tumbling dryer

Scope of application:

It is used for tumbling drying of fabrics, clothing or other textiles after shrinkage test.

Related standards:

GB/T8629 (China national standard drafting enterprise)
ISO6330 ,etc.



Y(B)743

Tumbling dryer



YG(B)743GT

Tumbling dryer

Automatic shrinkage tester

(China patent number: CN201520755400.3)

Scope of application:

It is used to test the dimensional stability of fabrics, clothing or other textiles after washing.

Related standards:

GB/T8629 (China national standard drafting enterprise)
BS4923 EN25077/26330 GB/T8630 JIS L1909
ISO6330/5077 FZ/T70009 M&S IWS,etc.



Y(B)089T

Shrinkage rule&marker

Scope of application:

It is used for marking, printing and measuring shrinkage ratio in various textile shrinkage tests.

Related standards:

GB/T8629 (China national standard drafting enterprise)
GB/T8628 ,etc.



Y(B)085

Oven for shrinkage testing

Scope of application:

It is used for flat drying of fabrics, clothing or other textiles after shrinkage test

Related standards:

GB/T8629 (China national standard drafting enterprise)
ISO6330 ,etc.



YG (B) 741



YG (B) 741X

Automatic dry cleaning tester

Scope of application:

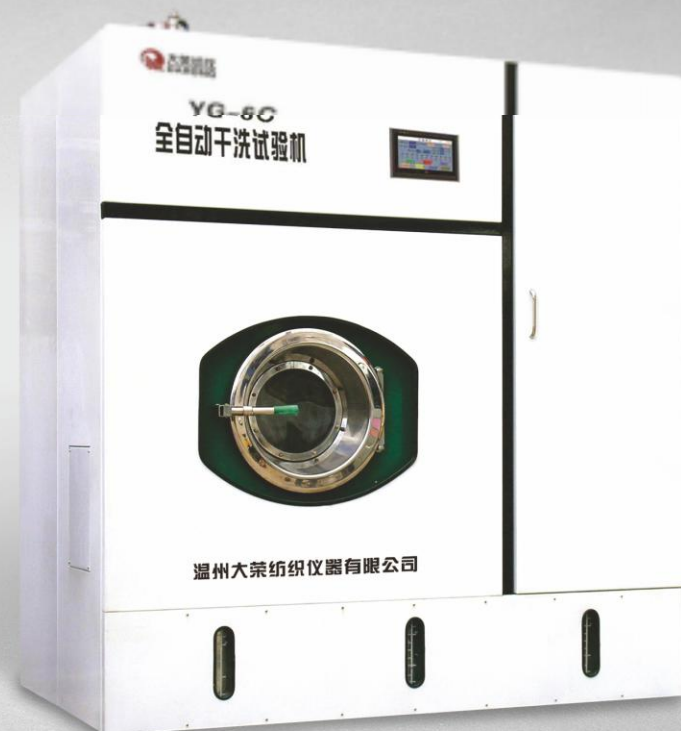
It is used for the determination of physical indicators such as appearance color, dimensional change and peel strength performance of clothing and various textiles after being dry-cleaned with organic solvents and alkaline solvents.

Related standards:

GN/T 19981.2 (China national standard drafting enterprise)

GN/T 11401.1 ISO3175.1 FZ/T01013

FZ/T8007.3 FZ/T01083 ,etc.



YG-6C

Automatic dry cleaning tester

Colour fastness grading system

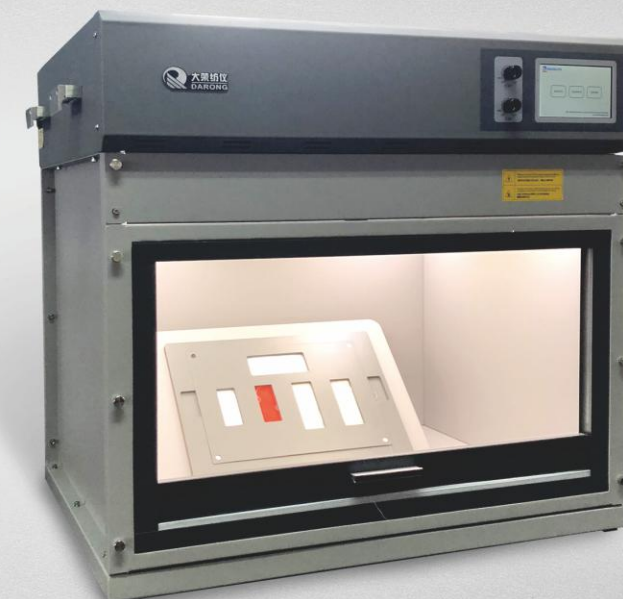
Scope of application:

It is used to evaluate the color fastness of textile, printing and dyeing, clothing, printing, papermaking, paint and other industries and the evaluation of the degree of different spectrum and the same color.

Related standards:

GB/T39648 FZ/T01047 ISO 105-A11:2012

AATCC EP7 ,etc.



WDR-982

Colour fastness grading system

Dry cleaning tester

Scope of application:

It is used for the determination of physical indicators such as appearance color, dimensional change and peel strength performance of clothing and various textiles after being dry-cleaned with organic solvents and alkaline solvents

Related standards:

FZ/T01083-2000 ,etc.

YG-1



Intelligent digital whiteness meter

Scope of application:

It is used for the determination of whiteness and other optical properties of textiles, silk, paper, paints and coatings, cotton chemical fiber, ceramic building materials, daily chemical materials.

Related standards:

ISO 2469 JJG512/48 ,etc.

WSB-3A



Colour matching cabinet

Scope of application:

It is used to evaluate the color fastness of textile, printing and dyeing, clothing, printing, papermaking, paint and other industries and the evaluation of the degree of different spectrum and the same color.

Related standards:

FZ/T01047 AATCC ,etc.



YG(B)982



YG(B)982X



YG(B)982C

Textile formaldehyde tester

(Software copyright :2012SR108130)

Scope of application:

It is used to quickly test the formaldehyde content in various textiles.

Related standards:

GB/T2912.1 GB18401 SN/T2195 ,etc.



YG(B)201D



YG(B)201E

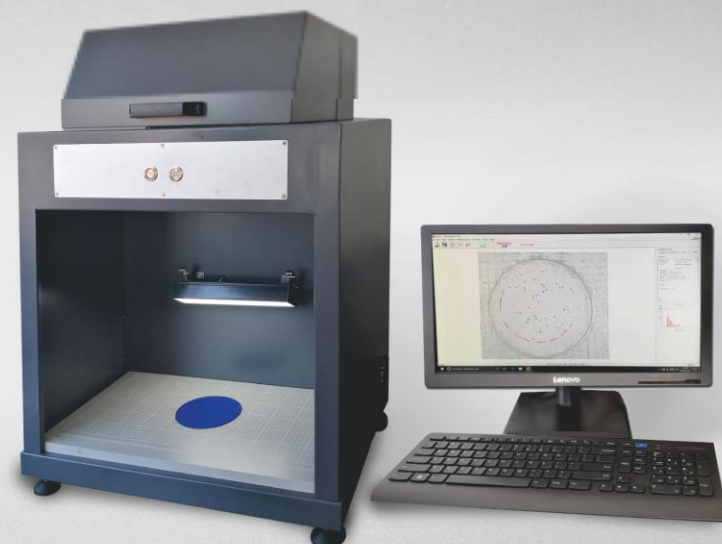
Fabric pilling&wrinkling measuring system

Scope of application:

The system can automatically output high-precision three-dimensional images of the fabric surface, accurately analyze the shape characteristics of the fabric surface, and realize the intelligent evaluation of the appearance of the multifunctional fabric.

Related standards:

Pilling grading: GB/T4802.1/2/3/4
Wrinkling grading: GB/T13769 GB/T13770
ISO7768 ISO7769 ,etc.



WDR-3D

Fabric pilling&wrinkling measuring system

Fabric appearance grading viewer

Scope of application:

It is used to evaluate the stiffness, appearance of wrinkles and the smoothness of seams after washing of fabrics and garments.

Related standards:

GB/T 13769 GB/T 13770 GB/T 13771 FZ/T80007.3 ,etc.

Multi-spectral colour measuring system

Scope of application:

It is used for color testing, color management, quality control, color fastness rating, computer color matching in the textile industry.

Related standards:

AATCC ISO11664-6:2014 ISO105-A11:2012 ,etc.

3D modeling system (KBI)

Scope of application:

It is used to accurately obtain three-dimensional data of the human body. The three-dimensional scanner completes the full-body scan within a few seconds to obtain a complete three-dimensional model of the human body. Then, several key human body dimensions are quickly extracted through measurement software, and the anthropometric data is output according to the measurement plan. It provides a comprehensive solution for human body data collection and automatic processing in clothing design, ergonomics and other fields.

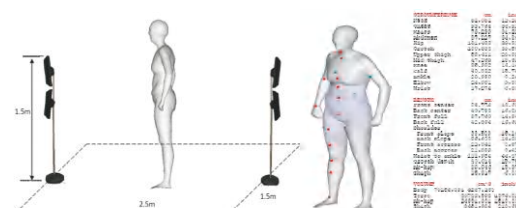
Related standards:

GB/T 30548 ,etc.

YG(B)906S



WDR-008



WDR009

Testing equipment for garments dyeing

Routine testing equipment

Testing equipment for protective performance

Combustion laboratory testing system

(China patent number: ZL201721096929.4
CN202011249430.9)
(Software copyright: 2017SR594702)

Scope of application:

The combustion test system simulates the thermal exposure process of the manikin in the burning flame, tests the changes in the surface temperature of the dummy, and estimates the possible second-degree and third-degree burns and the percentage of the total burned area of the skin.

Related standards:

GB 8965 GB/T23467
ASTMF1930 ISO13506 ,etc.

DR666-40RC
DR666-40R

Combustion laboratory testing system



Heat protection tester

(China patent number: ZL201721097328.5)

Scope of application:

This instrument is mainly used to test the thermal insulation performance of flame-retardant protective clothing fabrics exposed to radiant heat sources and convective heat sources.

Related standards:

GB 8965.1 GB/T38302 NFPA1971
ASTM D4018 ISO 17492 ,etc.

DR255



DR255C



Textile heat shielding tester

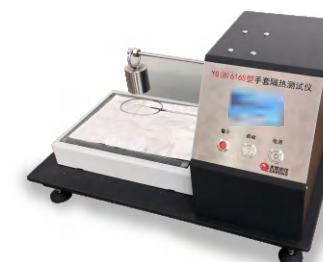
Scope of application:

It is mainly suitable for testing the thermal insulation and protection performance of household kitchen or cooking gloves with woven fabric as the main raw material.

Related standards:

GB/T39074 (China national standard drafting enterprise)
FZ/T81022 ,etc.

YB(B)616S



Protective Testing System for Solid Particulate matter in Protective Clothing

(China patent number: CN202022584750.1)

Scope of application:

It is used to test the overall protective performance of solid particulate chemical protective clothing, and use the leakage rate of particulate chemical pollution existing in the workplace environment into the clothing to characterize the performance indicators of the protective clothing.

It is used for the leakage test of GB2626-2019 Chapter 64. It is also used for GB19083-2010 medical protective mask technical requirements Appendix B tightness.

Related standards:

GB/T 29511 GB2626 GB19083
ISO13982 BS EN ISO 13982 EN1073-1, etc.



DR258A

Protective Testing System for Solid Particulate matter in Protective Clothing

Particles filtration efficiency tester

(China patent number: CN202130066549.1)

Scope of application:

It is suitable for fast, accurate and stable detection of the particle filtration efficiency of various medical and daily protective masks, respirators, melt blown cloth and other materials.

Related standards:

GB/T 19083 YY/T0469 GB/T32610
GB2626 GB19082 EN 1822-3
EN149 EN14683, etc.



DR251XL2

Particles filtration efficiency tester



DR251XL

Particles filtration efficiency tester

Protective clothing blood penetrability tester

Scope of application:

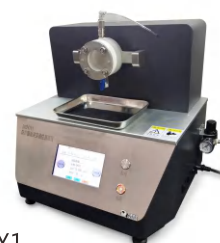
It is used to determine the resistance of medical protective materials to the penetration of synthetic blood.

Related standards:

ASTM-F903 YY/T0700 GB19082 ISO16603, etc.



DR247Y



DR247Y1

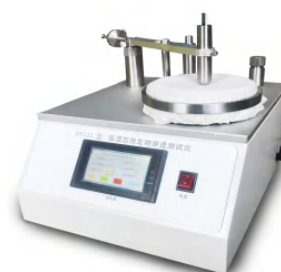
Bacteria penetrability tester

Scope of application:

It is used to determine the material's ability to resist the penetration of bacteria in liquid when subjected to mechanical friction.

Related standards:

YY/T0506.6 ISO22610, etc.



DR235

Static attenuating tester

Scope of application:

Test the static decay time of medical protective clothing materials and non-woven fabrics to 10% after a specific voltage is applied.

Related standards:

GB 19083 GB/T33728 GJB2605
YY/T0867 IST40.2(01), etc.



YG(B)342T

Face mask flammability tester

(China patent number: CN202022592401.4)

Scope of application:

It is used to test the burning performance of medical masks after being exposed to flame at a certain linear velocity (circumferential method)

Related standards:

GB 19083 GB2626 YY0469, etc.



YG(B)815F

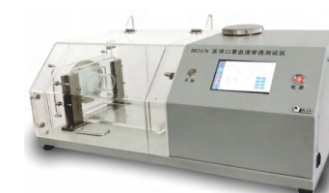
Face mask blood penetrability tester

Scope of application:

It is used for the resistance of medical masks to penetration of synthetic blood under different sample pressures.

Related standards:

GB/T 19083 YY0469 YY/T0691
ISO22609 ASTM F1862, etc.



DR247K

Face mask respiratory resistance tester

(China patent number: ZL201721097066.2)

Scope of application:

It is used to test whether the resistance value of exhalation and inhalation to the human body is up to the standard when the mask and respirator are in use.

Related standards:

EN 149 EN136 ,etc.



DR246EN

Face mask respiratory resistance tester

Particle protection effect tester

(China patent number: ZL202030683810.8)

Scope of Application:

Used to test the protective effect of various medical and daily protective masks, respirators and other products on particulate matter.

Relevant Standard:

GB/T32610 etc.



DR251FL-II

Particle protection effect tester

Face mask respiratory resistance tester

(China patent number: ZL201721097066.2)

Scope of application:

Whether the resistance value of the mask suitable for medical and daily protection to the human body's exhalation and inhalation meets the standard.

Related standards:

GB2626 GB/T32610 GB19083 YY0469 ,etc.



DR246S

Face mask pressure difference tester

Scope of application:

It is used for the measurement of gas exchange pressure difference of medical surgical masks and other products.

Related standards:

YY0469 EN14683:2014 YY/T0969 ASTM F2100-19 ,etc.



YG(B)461K

Face mask vibration tester

Scope of application:

It is used for pretreatment of mechanical strength of masks and respirators under specified conditions.

Related standards:

GB2626 ,etc.



DR277M

Glass impact tester

Scope of Application:

Used to test the impact resistance of mask and respirator under specified conditions.

Relevant Standard:

GB2626 GB14866 QB/T2506 GA44 ,etc.



YG271

Non-woven moisture return tester

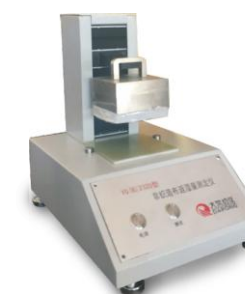
(National Patent: ZL201821419368.1)

Scope of Application:

Used to test the resistance of covering material for diapers to return of permeable fluid to skin.

Relevant Standard:

GB/T24218.13 ,etc.



YG(B)232D

Non-woven liquid penetration time tester

(National Patent: ZL201721863833.6)

Scope of Application:

Used to measure the penetration time (STT) of a liquid (simulated urine) to the surface of a non-woven coating material.

Relevant Standard:

ISO9073 GB/T24218.13 ,etc.



YG(B)231D

Fiber&Yarn Testing Instrument

Plush bundle fiber strength tester

(National Patent:201320153277.9 201320150892.4 201320150758.4)
(National Science and Technology Project Number: 2004QK04)
(Identification Number of Scientific and Technological Achievements: No.151, #2008)

Scope of Application:

Used to test flat bundle breaking strength of wool, rabbit hair, cotton fiber, plant fiber and chemical fiber.

Relevant Standard:

GB/T27629 (China national standard drafting enterprise)
ISO3060 IWTO-32 GB18267 GB1523
GB/T6101 ,etc.



YG(B) 162D

Plush bundle fiber strength tester

Electronic single yarn strength tester

Scope of Application:

Used to test breaking strength and elongation of single yarn and pure or blended yarn of cotton, wool, hemp, silk, chemical fiber and core-spun yarn.

Relevant Standard:

ISO2062 ASTM2256 GB/T14344 GB/T3916 ,etc.



YG(B) 021DX

Electronic single yarn strength tester



YG(B) 021A-II

Single yarn strength tester



YG(B) 021DL

Chemical fiber filament strength tester

Electronic single fiber strength tester

Scope of Application:

Used to test the tensile properties of various fiber, metal filament and other materials.

Relevant Standard:

GB/T9997 GB/T14337
ISO5079 ISO11566 ,etc.



YG(B) 008E



YG(B) 001/003A

Chemical Fiber Filament Strength Tester

Scope of Application:

Used to test breaking strength and elongation of single yarn and pure or blended yarn of cotton, wool, hemp, silk, chemical fiber and core-spun yarn.

Relevant Standard:

GB/T14344 GB/T3916 ISO2062
ASTMD2256 DIN BS ,etc.



YG(B) 021HL

Yarn length tester

Scope of Application:

Used to measure yarn shrinkage.

Relevant Standard:

FZ/T01093 FZ/T01091
GB/T29256.3 ,etc.



YG111

Wool compression resistance elasticity tester

Scope of Application:

Used to test the compression resistance of wool.

Relevant Standard:

AS3535 ,etc.



YG(B) 004C

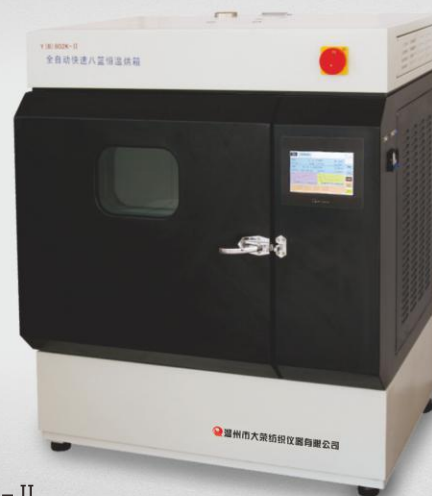
Eight-basket constant temperature oven

Scope of Application:

Used to measure moisture regain rate(moisture content rate) of various fibers, yarns, textiles; other constant temperature drying functions.

Relevant Standard:

GB/T9995 GB/T6503
ISO6741.1 ISO2060 ,etc.



Y(B)802K – II

Full-automatic eight-basket constant temperature oven



Y(B)802G

Eight-basket constant temperature oven

Yarn twist tester

Scope of Application:

Used for testing twist, uneven twist and twist shrinkage of all kinds of yarns.

Relevant Standard:

GB/T2543.1/2 FZ/T10001 ISO2061
ASTMD1422 JISL1095 ,etc.



Y(B)331C



Y(B)321

Yarn length tester

Scope of Application:

Used for accurately measuring yarn length, linear density or number of textile yarn and yarn strength test.

Relevant Standard:

GB/T4743 GB/T4343 GB/T6838
ISO2060 ASTMD1907 ,etc.



YG(B)086A

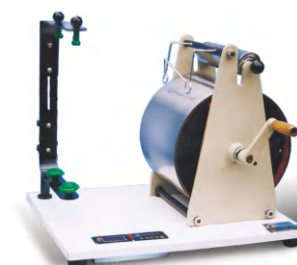


YG(B)086

Electronic coarse yarn length tester

Scope of Application:

Used for shaking cotton, wool, silk, sliver and roving into a certain length.



Y(B)301-II

Yarn examining tester

Scope of Application:

Used to shake all kinds of yarns on standard blackboard to check and evaluate the appearance quality of yarns.

Relevant Standard:

GB9996 ,etc.



YG(B)381

Fiber cutter

Scope of Application:

In the determination of fiber linear density, used for cutting a certain length of various fibers.



Y(B)171A/B



Y(B)171C/D/E

Quick fiber oil extractor

Scope of Application:

Used for rapid extraction of various fiber oils and determination of sample oil content.

Relevant Standard:

GB/T6504 GB/T6977 ,etc.



YG(B)981D

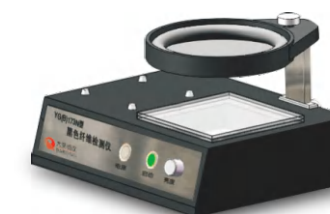
Black fiber tester (CSIRO)

Scope of Application:

Used for identification of black fiber in plush bundle, top and other fibers.

Relevant Standard:

CSIRO NY ,etc.



YG(B)173N

Geotextile&Building Material Testing Instrument

Universal material tester

Scope of Application:

Used for testing tensile, breaking, shearing, peeling, compression, bending, tearing, creep, elasticity and other strong properties of textile fiber, geotextile, wire and cable, light leather, plastic rubber, wood and paper, chemical, metal products and other materials.

Relevant Standard:

GB QB FZ ASTM ISO JIS BS DIN,etc.

DR028E series
Universal material testers



Metal wire strength tester

Scope of Application:

Used for tensile test of tungsten wire, molybdenum wire, copper wire, stainless steel wire and other metal wire.

Relevant Standard:

GB/T4181 GB/T4182 GB/T8358,etc.

WM021DL
Metal wire strength tester



DR028G



DR028G-5



DR028T



WM026ET



WM026HC



WM026G

Electronic bidirectional strength tester

Scope of Application:

Used for testing bidirectional tensile deformation and strength of fabric, film, geotextile, canvas and other materials.



X-Y
Electronic bidirectional strength tester

Geotextile comprehensive electronic strength

Scope of Application:

Used for testing the tensile, tearing, top breaking, peeling, joint and other functions of geosynthetics and related products.

Relevant Standard:

ASTMD4595 JTGE50 GB/T15788
GB/T16989 GB/T13763 GB/T1040
GB/T17640 GB/T14800 ,etc.



YT010-2000
Geotextile comprehensive electronic strength tester



YT010-5000
Geotextile comprehensive electronic strength tester

Geotextile water permeability tester

Scope of Application:

Used for testing vertical permeability of geotextiles and composite materials.

Relevant Standard:

GB/T15789 ISO11058 ASTMD4716
SL/T235 JTGE50 ,etc.



YT020

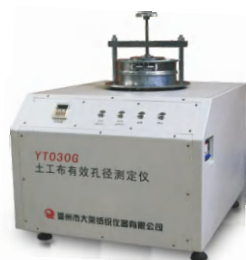
Geotextile effective aperture tester

Scope of Application:

Used for testing the effective aperture of geotextiles and their related products.

Relevant Standard:

JTGE50 GB/T4799 ,etc.



YT030G

Geotextile effective aperture tester

Scope of Application:

Used for testing the effective aperture of geotextiles and their related products.

Relevant Standard:

SL/T235 GB/T17634 ,etc.



YT030

Geotextile dynamic perforation tester

Scope of Application:

Used for testing the penetration ability of various geomaterials against steel cones falling from a fixed height.

Relevant Standard:

JTGE50 ISO/DIS13433 GB/T17630 ,etc.



YT040

Geotextile wear tester

Scope of Application:
Used for testing the wear resistance of geotechnical materials.

Relevant Standard:
GB/T17636 ,etc.

YT050



Geotextile thickness tester

Scope of Application:
Used for measuring thickness of geosynthetics and related products under different pressure and specified time.

Relevant Standard:
ISO9863 JTGE50 GB/T13761 ,etc.

YT060



Geomembrane impermeability tester

Scope of Application:
Used for testing the impermeability of geosynthetics.

Relevant Standard:
SLT235 JTGE50 GB/T1762 GB/T19979.1
GB/T19979.2 ,etc.

YT070



Gradient ratio permeability tester

Scope of Application:
Used for geosynthetic filter test: to measure the permeability coefficient and permeability ratio of soil-geotextile system and its interface under certain flow conditions, and to measure the mud content of geotextile.

Relevant Standard:
JTGE50 T1130 SL/T235 ,etc.

YT080A



Automatic geosynthetic horizontal permeability tester

Scope of Application:
Used for geosynthetic materials, geomembranes, composite geomembranes, geomembranes, waterproof geomembranes, impermeable materials hydrostatic pressure and permeability coefficient measurement.

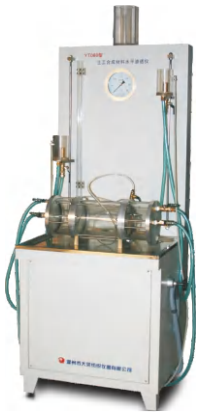
Relevant Standard:
GB/T19979.1 GB/T19979.2 SLT235 JTGE50 ,etc.

Drainage board horizontal flow tester

Scope of Application:
Used for determining the characteristics of water flow carried by geotextiles and plastic drainage plates along their plane direction.

Relevant Standard:
SLT235 JTGE50 T1143 ,etc.

YT080 YT090




Geosynthetics tensile creep tester

Scope of Application:
Used for testing tensile creep and creep fracture properties of geomaterials.

Relevant Standard:
ISO13421 SLT235 JTGE50 GB/T17637 ,etc.

YT101Z



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