



AATCC
member enterprise



ASTM
member enterprise



ISO9001
quality management system standard



National standards
drafting enterprise



CE
safety certification



High technology
enterprises



The national technology
research and development center



LABORATORY TEXTILE TESTING EQUIPMENT

2025 English Version



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大荣纺仪

DARONG TEXTILE INSTRUMENT

Corporate History

1998 -1988 YEARS

- 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

2008 -1998 YEARS

- 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 AATCCA 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

2018 -2008 YEARS

- 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

2024 -2018 YEARS

- In 2024, Clothing pressure mainkin test system into the market
- In 2023, Establishment of "Zhejiang Postdoctoral Workstation"
- In 2022, it was awarded the "13th Five-Year Plan" textile standardization enterprise by the China Textile Industry Federation
- 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

Honors and Qualifications

企业名称: 温州市大荣纺织仪器有限公司

证书编号: GR201633001251

发证时间: 2016年11月21日

有效期: 三年



Drafting national standards as a leading manufacturer

Led the drafting of 4 national standards and 2 industry standards; The main drafting of national standards, industry standards a total of more than 70, by the China Textile Industry Federation

Awarded: "Twelfth Five" textile standardization work outstanding contribution enterprises

Awarded: "Thirteen Five" textile standardization work outstanding contribution enterprises





Textile Laboratory:

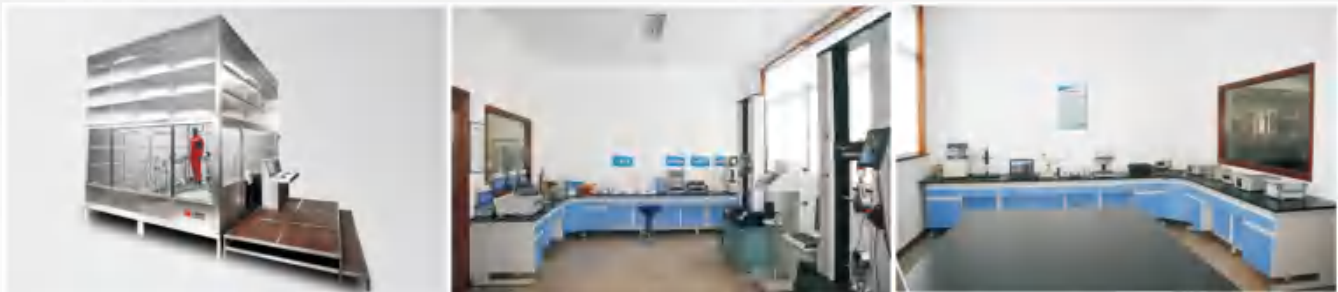


▲ WashingLaboratory:

▲ Constant temperature and humidity laboratory:

▲ Light aging Laboratory:

Functional Testing Laboratory for Textiles:



▲ Burning R&D center

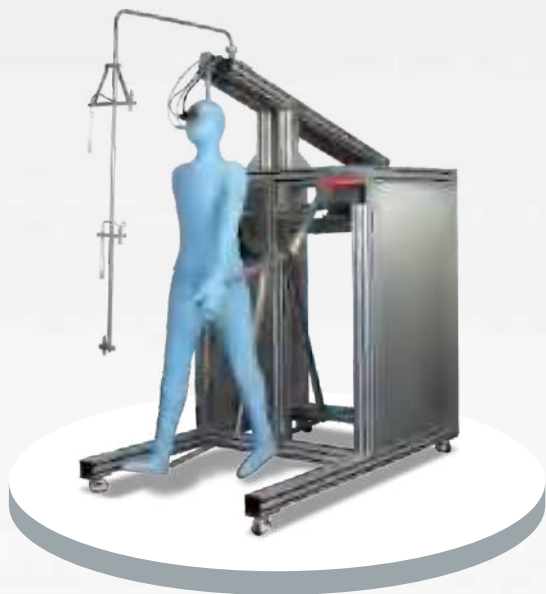
▲ Metrology Calibration R&D center ▲ Heat transfer R&D center



Advanced Technologies

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

DR666-40R
Combustion laboratory test system



DR606-34T
Sweat thermal manikin test system

DR999WB
Testing system for
electromagnetic radiation
resistance of clothing



设计

生产

校准

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.

Thinktester IOT solution

The Internet of Things platform, lays out the future textile professional development with its intelligent features



System composition

Smart mobile ,Mobile APP ,WEB , Monitor



Performance characteristics

High disaster tolerance ,high scalability ,
high failure resistance and high compatibility



Features

Status monitoring ,remote control ,
information push , data storage ,
report sharing , data mining ,OTA free upgrade

THINKTESTER
物联网+ 解决方案
Internet of things plus solution

Service



There are **80,000** laboratory users in China
Including 80% of the textile inspection items, customs,
scientific research institute is using darong instrument in a complete set

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)026CC Textile Compression elasticity testing machine	
Y(B)091J Fabric elasticity testing machine	
Y(B)091L Elastic comprehensive strength testing machine	
YG(B)092TC 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
Y(B)032EC Electronic hydraulic burst strength testing machine	
Y(B)032T Electronic hydraulic burst strength testing machine	
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YG(B)033BC Digital tearing testing machine	
YG(B)033B Digital tearing testing machine	
YG(B)033A Elmendorf Fabric tearing testing machine	
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DR71J Sharp edge testing machine	
DR71B Sharp edge testing machine	
DR026SY Children strap waist bench load testing machine.....	08
DR026ST Children's strap dynamic load tester	
DR026SK Child strap bottom opening tester	
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YG(B)831D Digital socks strength testing machine	
YG(B)831L Multi-functional sock strength testing machine	
YG(B)821L Zipper Slipperiness testing machine	
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YG(B)512 Random tumble pilling tester	14
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YG(B)022E Automatic fabric stiffness tester	
YG(B)022G Fabric bending performance tester	
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YG(B)021B Seam fatigue strength machine	
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YG(B)606EC Fabric insulation tester	
DR612M Fabric radiation cooling performance tester	
YG(B)616 Fabric cool feeling tester.....	21
DR290JY Fabric sticking rate tester	
YG(B)611MX Textiles light heat storage performance tester	
YG(B)611MG Textile heat shielding performance tester	
DR290G Textile water evaporation rate tester.....	22
DR290MC Textile liquid moisture transfer performance tester	
DR290F Textiles Drying rate tester (hot plate method)	
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DR291F Textile wet & heat absorption performance tester	
DR916G Textiles Pervious to light performance tester	
DR916GC Textiles Pervious to light performance tester	
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YG(B)912E Textile ultraviolet prevention performance tester.....	25
YG(B)912S Textile ultraviolet prevention performance tester	
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YG(B)342D Fabric corona charging electrostatic tester	
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YG(B)342EC Fabric corona charging electrostatic tester	
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YG(B)815DT Carpet combustion performance tester	
YG(B)815J Bedding flammability tester	
YG(B)815S Sofa mattress flammability tester	
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YG(B)819DL Fabrics downproof tester	
YG(B)819DG Fabrics downproof tester	
YG(B)819BS Fabrics downproof tester	
YG(B)819M Fabrics downproof tester	
YG(B)819MG Fabrics downproof tester	
YG(B)819-01 Down feather pre-processing case	
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YG(B)819-02 Down feather mixing table	
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YG(B)814 Down cleanliness tester	

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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 machine	36
Z(B)01Q Pneumatic sample cutter	
YG(B)742G Dimensional change tester to steaming	
YG(B)742D Dimensional change tester to steaming	
YG(B)002AI Fiber composition quantitative analyzer.....	37
Y(B)172 Precision Fiber Microtome	
Y(B)511B Fabric pick glass	
YG(B)002 Fiber fineness integrated analyzer	38
YG(B)002-2T Fiber fineness integrated analyzer	
WT0200 Electronic scale	
Z(B)01B Circular sample cutter	
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B TESTING EQUIPMENT FOR GARMENTS DYEING

01 Color fastness & aging tester to light

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YG(B)611-6Xenon arc test chamber	
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SW-24GT Color fastness tester to washing	
SW-24ACT Color fastness tester to washing	
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Y(B)571A Color fastness tester to rubbing(Manual)	
Y(B)571BC Color fastness tester to rubbing	
Y(B)571XC Color fastness tester to rubbing(Rotary)	
Y(B)571JIS Color fastness tester to rubbing(JIS)	
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YG(B)605DG Color fastness tester to scorch and sublimation	
YG(B)605-3 Color fastness tester to scorch and sublimation	
YG(B)631 Color fastness to perspiration tester	
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Y(B)089EC Automatic shrinkage tester	
Y(B)089E2 Automatic shrinkage tester	
Y(B)743 Tumbling dryer	
YG(B)743GT Tumbling dryer	
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Y(B)089ET Automatic shrinkage tester	
Y(B)085 Shrinkage marker	
YG(B)741X Oven for shrinkage testing	
YG(B)741 Oven for shrinkage testing	

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YG-1 Dry cleaning tester	
YG(B)982 Colour matching cabinet	
YG(B)982X Colour matching cabinet	
YG(B)982C Colour matching cabinet	
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WSB-3A Intelligent digital whiteness meter	
YG(B)201G Textile formaldehyde tester	
WDR-3D Fabric pilling&wrinkling measuring system	49
WDR009 3D modeling system (KBI)	
WDR-008 Multi-spectral colour measuring system	
YG(B)906S Fabric appearance grading viewer	

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DR666-40R Combustion laboratory testing system.....	50
YG(B)616S Textile heat shielding tester	
DR255C Heat protection tester	
DR255R Heat protection tester	
DR266CT Clothing pressure mainkin test system.....	51
YG(B)815Y Fabric oxygen index tester	
YG(B)233D Diaper Permeability tester	
DR248H Protective clothing seam air tightness tester	
DR777A Dressing simulated robot.....	52
DR813CT Weather Rain tester system	
DR393C Whole shoes thermal & water vapor resistance tester	
DR258A Protective Testing System for Solid Particulate matter in Protective Clothing.....	53
DR247Y Protective clothing blood penetrability tester	
DR247Y1 Protective clothing blood penetrability tester	
DR236H Dry lint tester	
DR235 Wet microbial penetration tester	
DR251XL2 Particles filtration efficiency tester.....	54
DR251XL Particles filtration efficiency tester	
DR259B Protective clothing liquid tightness 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.....	55
DR246S Face mask respiratory resistance tester	
YG(B)461K Face mask pressure difference tester	
DR277M Face mask vibration tester	
DR251FL-II Particles protective effect tester.....	56
YG271 Lens impact tester	
YG(B)232D Nonwoven Moisture wetback tester	
YG(B)231D Non-woven liquid penetration time tester	

C FIBER AND YARN TESTING

YG(B)162D Plush bundle fiber strength tester	57
YG(B)008E Electronic single fiber strength tester	
YG(B)001/003A Electronic single fiber strength tester	
YG111 Yarn length tester	
YG(B)021DX Electronic single yarn strength tester	58
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 and elasticity tester	
Y(B)802G Eight-basket constant temperature oven	59
Y(B)802K-II Automatic eight-basket constant temperature oven	
Y(B)331C Digital yarn twist tester	
Y(B)321 Manual twist tester	
YG(B)086A Wrap reel machine (Yarn length)	
YG(B)086 Wrap reel machine (Yarn length)	
YG(B)086AC Wrap reel machine (Yarn length)	
YG(B)086C Wrap reel machine (Yarn length)	
Y(B)301-II Electronic coarse yarn length tester	60
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

DR028E Universal material testers	61
DR028G Universal material testers	
DR028T Universal material testers	
WM021DL Metal wire strength tester	62
WM026HC Metal wire strength tester	
WM026G Metal wire strength tester	
X-Y Electronic bidirectional strength tester	63
YT020 Geotextile water permeability tester	
YT030G Geotextile effective aperture tester	
YT010-2000 Geotextile comprehensive electronic strength tester	64
YT010-5000 Geotextile comprehensive electronic strength tester	
YT030 Geotextile effective aperture tester	
YT040 Geotextile dynamic perforation tester	
YT050 Geotextile wear tester	65
YT060 Geotextile thickness tester	
YT060G Geotextile thickness tester	
YT070 Geomembrane Impermeability tester	
YT080A Gradient ratio permeability tester	
YT080 Full-automatic geosynthetic horizontal permeability tester	66
YT090 Drainage board horizontal flow tester	
YT101Z Geosynthetics tensile creep tester	

Fabric testing instrument

Electronic fabric strength testing machine

Software copyright (2012SR029273) (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



YG(B)026SC



YG(B)026G



YG(B)026HC



YG(B)026SH



YG(B)026SJ

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



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)092TC



Textile compression elasticity testing machine

Scope of application:

Used for testing the compression recovery performance of textile and the thickness and compression recovery performance of textile.

Relevant standards:

GB/T 24442.1 GB/T 24442.2 GH/T 1021,etc.

YG(B)026CC



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



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



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



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 machine

(National patent: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 hydraulic burst strength testing machine

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

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 D3786,etc.



YG(B)032EC



YG(B)032T

Digital elmendorf tearing tester

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 D1424/5734,etc.



YG(B)033T



YG(B)033E



YG(B)033BC



YG(B)033B

Digital elmendorf tearing tester

Scope of application:

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

Relevant standards:

GB/T 3917.1 FZ/T60006 FZ/T75001

ISO1974/9290 ASTM D1424/5734,etc.



YG(B)033A

Comprehensive strength tester for children's product

(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 unit)

GB6675 GBT22704

ASTM F963 16CFR1500.51

EN71-1 BS7909,etc.

DR026SR



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

EN71-1 BS7909 ASTM F963 16CFR1500.51,etc.

DR71B



Fabric testing machine

Strength testing

Pilling and abrasion tester

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/T40227 (China national standard drafting enterprise)

GB/T35270 GB/T35448,etc.

DR026SY



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/T35448 GB/T35270,etc.

DR026ST



Child strap bottom opening tester

Scope of application:

Test infant leg by straps or backpack leg opening.

Relevant standards:

GB/T35270,etc.

DR026SK



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 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



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.

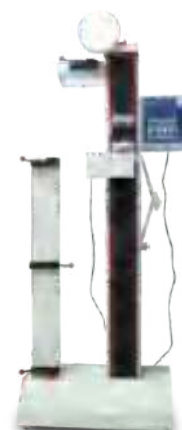
Relevant standards:

FZ/T70006 FZ/T73001 FZ/T73011 FZ/T73013 FZ/T73029 FZ/T73030,etc.

YG(B)831D



YG(B)831L



Zipper gently slip testing machine

Scope of application:

For a variety of zipper slide degree test.

Relevant standards:

QB/T2171、2172、2173,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、2172、2173,etc.



YG(B)822L

Fabric stretch tester

Scope of application:

Used to quickly measure the elongation knitted sample under different tensions.



DR130F

Fabric testing machine

Strength testing
Pilling and abrasion tester

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/T4802.2 FZ/T20020 ASTM D4966
JIS L1096 ASTM D4970 GB/T13775
ISO12945.2 ISO12947 IWSTM196/TM112 M&S,etc.



YG(B)401GC



YG(B)401GF



YG(B)401T



YG(B)401G



YG(B)401C

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/T20020 GB/T4802.2 GB/T13775

ASTM D4966 ASTM D4970 ISO12945.2

ISO12947 JIS L1096 IWSTM196/TM112 M&S,etc.

THINKTESTER
Internet of things plus solution

IOT+ Solutions



YG(B)401GFTA



YG(B)401GCTB



YG(B)401TTC

ICI rolling box pilling tester (Snagging)

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.

Fabric testing machine

Strength testing
Pilling and abrasion tester



YG(B)511J-4



YG(B)511E-II



YG(B)511E-IV



YG(B)511E-VI



YG(B)511-IX

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.



DR502JT



DR502J



DR502LN



YG(B)502C

Fabric testing machine

Strength testing
Pilling and abrasion tester

Random tumble pilling 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

Needle clothing mace snag tester

Scope of application:

Used to determinate the anti-snagging properties of outerwear knitted and woven fabric and other fabrics prone to snagging.

Relevant standards:

GB11047.3 JIS L 1058, etc.



YG(B)519DC

ICI 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/T11047
ASTM D3939, etc.



YG(B)518DC

Pilling & snagging tester rating box

Scope of application:

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

Relevant standards:

GB/T4802 ISO12945 ASTM D3512

ASTM D3939,etc.

YG(B)901



YG(B)901G



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/T11047 ASTM D3939

JIS L1058,etc.

YG(B)903



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



Fabric testing machine

Pilling and abrasion tester

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



Fabric depilation tester

(National patent:CN201621205589.X
CN201610982368.1)

Scope of application:

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

YG(B)526



Fabric taber abrasion tester

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 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.

Relevant standards:

FZ/T 01166-2022,etc.

DR555FT



Intelligence fabric crease elasticity tester

Scope of application:

Reply for textiles after folding, performance testing.

Relevant standards:

GB/T3819 ISO2313 AATCC66
M&S,etc.

YG(B)541E



Fabric drape performance tester

(Software copyright: 2010SR046297)

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/T01045
BS5058,etc.



YG(B)811E

Automatic fabric stiffness 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 ISO9073
ASTM D1388,etc.



YG(B)022E

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 11D GJB2320
FZ/T01052,etc.

YG(B)542C



Fabric surface friction performance tester

Scope of application:

Used to test the frictional properties of fabric surface.

Relevant standards:

FZ/T 01054,etc.

YG(B)54.3B



Sweat thermal manikin system

(National patent: CN202011249423.9)

Scope of application:

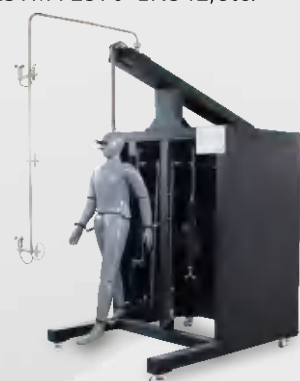
Used to simulate the human body and clothing system of heat exchange process evaluation of garments' integral thermal resistance and moisture resistance properties.

Relevant standards:

GB/T39605 (China national standard drafting enterprise)

GB/T18398 GB/T11048 ISO15831 ASTM F1291 ASTM F1720

ASTM F2370 EN342,etc.



DR606-24C



DR606-34W



DR606-34T

Thermal manikin system

Scope of application:

In the process of simulating heat exchange between the human body, clothing and the environment, the thermal resistance of the clothing is tested and calculated from the relationship between physical parameters such as the temperature difference between the skin surface temperature of the warm-body mannequin and the ambient temperature, and the non-evaporate heat dissipation rate per unit area of the body surface. This is a real simulation and an overall comprehensive test of the hot and cold comfort performance of the clothing.

Relevant standards:

GB/T 18398 GB/T 38426 ISO 15831

ASTM F 1291 ASTM F 1720 EN 342,etc.



DR606-34N

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

Textile thermal resistance and moisture resistance tester

Scope of application:

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

Relevant standards:

GB/T11048 (China national standard drafting enterprise)

ISO11092 ASTM D1518

ASTM F1868(A-E) JIS L1096

ENPA1971,etc.



YG(B)606G

Textiles thermal resistance tester

Scope of application:

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

Relevant standards:

GB/T11048

(China national standard drafting enterprise)

ISO11092 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.

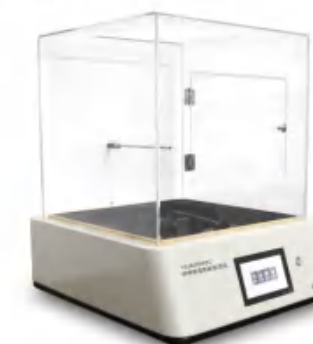
Relevant standards:

GB/T11048

(China national standard drafting enterprise)

GB/T35762 ASTM D1518

JIS L1096,etc.



YG(B)606EC

Fabric radiation cooling performance tester

Scope of application:

This instrument is used to measure the radiation cooling performance of various fabrics

Relevant standards:

WHB-9132,etc.



DR612M

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/T35263

(China national standard drafting enterprise)

T/CTCA4

FTTS-FA-019,etc.



YG(B)616NC



YG(B)616N



YG(B)616NL



YG(B)616NX

Fabric sticking rate tester

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

Textiles light heat storage performance tester

Scope of application:

Used for textile light heat storage performance test.

Relevant standards:

GB/T18319,etc.



YG(B)611MX

Textile heat shielding performance tester

Scope of application:

This instrument is used to measure the heat shielding properties of various fabrics and their products

Relevant standards:

GB/T 41560,etc.



YG(B)611MG

Textile water evaporation rate tester

(National patent: ZL201620025337.2)

Scope of application:

Hygroscopic textiles speed dry evaluation.

Relevant standards:

GB/T21655.1,etc.



DR290GC



DR290GX



DR290G

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

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

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

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 standards:

GB20653,etc.

DR917G



Garment anti-electromagnetic radiation performance test system

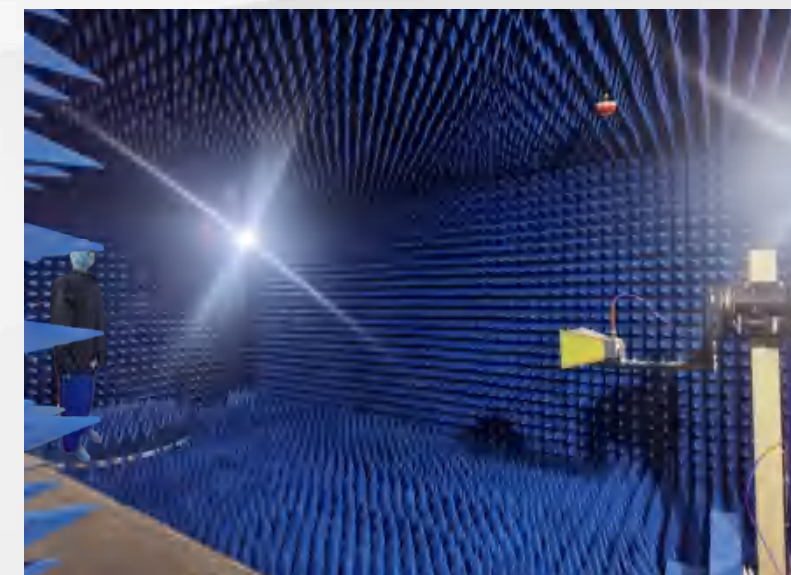
Scope of application:

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 standards:

GB/T23463,etc.

DR999WB



Fabric generates negative ions tester

Scope of application:

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

Relevant standards:

GB/T30128,etc.

DR407M



Textile wet & heat absorption performance tester

Scope of application:

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

Relevant standards:

GB/T29866 FZ/T73036,etc.



DR291F

Textiles pervious to light performance 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 standards:

FZ/T62025,etc.



DR916G

Textiles pervious to light performance 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 standards:

GB/T 42999 FZ/T62025,etc.



DR916GC

Fabric anti-electromagnetic radiation performance tester

(National patent: 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 standards:

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

DR-913G



DR-913GP



DR-913P

Textile ultraviolet prevention performance tester

(Software copyright: 2010SR046298)

Scope of application:

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

Relevant standards:

GB/T18830 AS/NZS4399 AATCC183 BS7914,etc.

YG(B)912E



YG(B)912S



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 standards:

FZ/T01061 GB/T12703.5,etc.

YG(B)341DC



YG(B)341D



YG(B)341EC



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 standards:

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 standards:

GB/T30127,etc.

DR915G



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 standards:

FZ/T01042 GB/T12703.1,etc.

YG(B)342D



YG(B)342DC



YG(B)342EC



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 standards:

HJ/T326,etc.

YG(B)032F



Fabric friction charge tester

Scope of application:

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

Relevant standards:

GB/12059 GB12014
GB/T01060 JIS L1094
GB/T12703.3,etc.

YG(B)403



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 standards:

GB/T12703.8 JIS L1094
ISO18080-4,etc.

YG(B)343D



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.

Relevant standards:

GB/T5455 (China national standard drafting enterprise)
GB/T13488/13489 GB/T2408 ISO1210
CFR1615/1616 ASTM D6413,etc.



YG(B)815D-I

Fabric flame retardant tester

Scope of application:

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

Relevant standards:

GB/T5456 ISO15025 GB32086,etc.

Fire-fighting boots flame retardant performance tester

Scope of application:

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

Relevant standards:

NFPA1971,etc.



YG(B)815CV



YG(B)815X

Scope of application:

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

Relevant 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.

Relevant 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.

Relevant standards:

GB/T14644 ASTM D1230
CFR1610,etc.



YG(B)815D-IV

Fabric resistivity tester

Scope of application:

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

Relevant standards:

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

YG(B)406



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

Relevant standards:

GB/T11049 CPAI,etc.

YG(B)815DT



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.

Relevant standards:

GB/T20390 (China national standard drafting enterprise)
ISO12952-2,etc.

YG(B)815J



Sofa mattress flammability tester

Scope of application:

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

Relevant 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

Relevant standards:

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



YG(B)461G



YG(B)461EC



YG(B)461X

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.

Relevant standards:

GB/T4744 (China national standard drafting enterprise)

FZ/T01004 AATCC127 JIS L1099 DIN53886 JIS L1092 BS7209,etc.



YG(B)812T



YG(B)812Q

Fabric moisture permeability tester

(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.

Relevant standards:

GB/T12704 ASTM E96 JIS L1099A BS7209 JIS L1099B ISO71230,etc.



YG(B)216TC



YG(B)216GC



YG(B)812D



YG(B)812

Bundemann water repellency tester

(China National patent: CN201720103695.5)

Scope of application:

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

Relevant standards:

GB/T14577 ISO9865 BS EN29865 DIN53888 JIS L1092,etc.

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.

Relevant standards:

GB/T23321 ISO22958 AATCC35,etc.

Y(B)813G

Y(B)813B

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.

Relevant 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.

Relevant standards:

AATCC42 ISO18695 GB/T33732,etc.

Y(B)813T

Towel water absorption tester

Scope of application:

Used for water absorption test of towel products.

Relevant standards:

GB/T22799-2009 Method B,etc.

Y(B)813X

Nonwoven fabric liquid overflow tester

Scope of application:

It is used to determine the amount of test liquid (simulated urine) overflowed after being absorbed by nonwoven fabrics.

Relevant standards:

YY/T 0506.3 GB/T24218.11 ISO9073-11 WSP80.9,etc.

Y(B)813Y

Biodegradable testing system

Scope of application:

This instrument is used to determine the ultimate aerobic biodegradability and the degree of disintegration of materials as organic compounds under controlled composting conditions by measuring the amount of carbon dioxide emitted. The test material is mixed with the inoculum and introduced into a static composting container, where the mixture is intensively aerobically composted at a specified temperature, oxygen concentration and humidity.

Relevant standards:

GB/19277.1 GB/19277.2 GB/T19811 GB/T29649
GB/33797 GB/T22047 GB/T20197 GB/T32163.2
GB/T16716.7 GB/T38082 GB/T29646 GB/I32366
GB/33798 GB/35795,etc.

DR989S

Vertical wicking 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.

Relevant standards:

FZ/T01071,etc.

YG(B)871

YG(B)871C

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.

Relevant standards:

DAIMARU BLEEDING TEST

YG(B)871S

Non-woven water absorption tester

Scope of application:

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

Relevant standards:

GB/T24218.6-2010,etc.

YG(B)871A

Fabrics downproof tester

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

Scope of application:

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

Relevant standards:

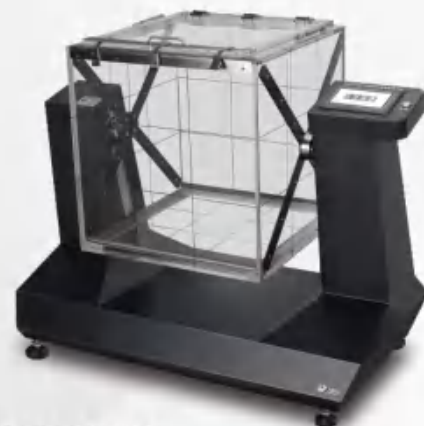
GB/T14272,etc. (China national standard drafting enterprise)



YG(B)819D



YG(B)819DL



YG(B)819DG

Scope of application:

Used impact method to test the ability of fabrics to prevent feathers, down and feather yarn penetrating from their surface or gaps

Relevant standards:

BS EN 12132-2,etc.



YG(B)819BS

Scope of application:

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

Relevant standards:

GB/T12705.1 GB/T14272
BS EN 12132-1,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.

Relevant 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.

Relevant standards:

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



YG(B)819-05

Testing equipment for fabrics

Testing equipment for down feather

Down feather filling power tester

Scope of application:

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

Relevant standards:

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

YG(B)817



YG(B)817T



Down feather flammability tester

Scope of application:

Applicable to the determination of flame retardant properties of down combustion.

YG(B)815E



Down feather mixing table

Scope of application:

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

Relevant 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.

Relevant standards:

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



YG(B)819-03

Down feather cleanliness tester

Scope of application:

It is used for down cleanliness testing.

Relevant 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.

Relevant standards:

GB/T6529
ASTM D1776,etc.

DR751K



YG(B)751DG



Textile multi-functional sample cutting machine

Scope of application:

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

Relevant standards:

GB/T2912.1 GB/T4669
GB/4802 GB/T19976
GB/T3923,etc.

Z(B)02Q



Fabric thickness gauge

Scope of application:

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

Relevant standards:

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



YG(B)141G



YG(B)141D

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 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.

Relevant standards:

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

YG(B)607X



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.

Relevant standards:

FZ/T20021 ISO3005,etc.

YG(B)742G



YG(B)742D型



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.

Relevant standards:

FZ/T01057.3 SN/T0756 FZ/T30003,etc.



YG(B)002AI

Fiber fineness integrated analyzer

Scope of application:

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

Relevant standards:

GB/T10685 GB/T16988 FZ/T30003 SN/T0756 AATCC20A,etc.



YG(B)002系列



YG(B)002-2T

Precision fiber microtome

Scope of application:

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

Y(B)172



Electronic scale

Scope of application:

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

Relevant standards:

GB/T4669/4802.1 ISO23801 JB5374
ISO2060.2 ASTM,etc.

WT0200



Fabric pick glass

Scope of application:

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

Relevant standards:

GB/T4668,etc.

Y(B)511B



Sample cutter

Scope of application:

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

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



Testing equipment for garments dyeing

Xenon arc test chamber

(China patent number: 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.

Relevant standards:

GB/T8427 (China national standard drafting enterprise)

GT/35256 (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

ISO4892 AATCC TM16 AATCC169

SAEJ1885 SAEJ1960 ASTM G26

ASTM D6695,etc.



DR3000



DR4000



DR6000

Xenon arc test chamber

(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.

Relevant standards:

GB/T8427 (China national standard drafting enterprise)

GB/T14576 GB/T15102 GB/T15104

GB/T8430 ISO105 AATCC TM16,etc.



YG(B)611-3C



YG(B)611-6

Xenon arc test chamber

(China patent number: ZL201520754700.X)

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.

Relevant standards:

GB/T8427 (China national standard drafting enterprise)

GT/35256 (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

ISO4892 AATCC TM16 AATCC169

SAEJ1885 SAEJ1960 ASTM G26

ASTM D6695,etc.

DR4000TA



Xenon arc test chamber

(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.

Relevant standards:

GB/T8427 (China national standard drafting enterprise)

GB/T14576 GB/T15102 GB/T15104

GB/T8430 ISO105 AATCC TM16,etc.

YG(B)611TC3



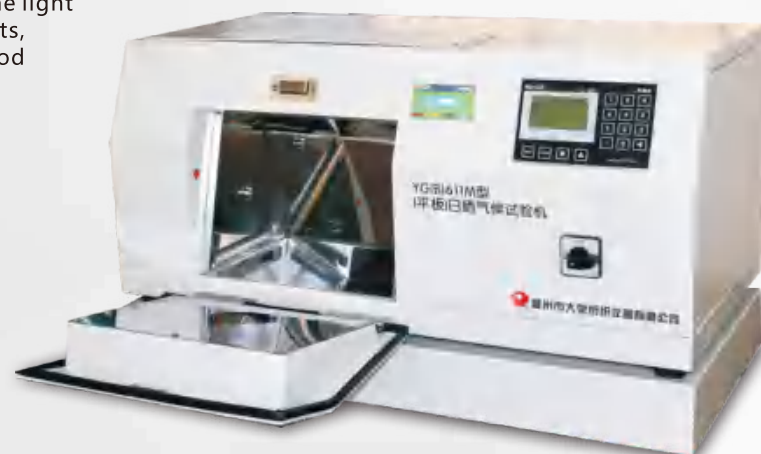
Xenon arc test chamber

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.

Relevant standards:

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



YG(B)611M

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.

Relevant standards:

AATCC61/1A/2A/3A/4A/5A JIS L0860/0844
BS1006 GB/T3921/1/2/3/4/5
ISO105C01/02/03/04/05/06/08,etc.



SW-12J



SW-12AC SW-24AC



SW-12G SW-24G

Xenon arc test chamber(Dental)

Scope of application:

It is used for light aging test of denture materials.

Relevant standards:

ISO7491 YY/T0631,etc.

YG(B)611MY



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.

DR-24GH



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.

Relevant standards:

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

YG(B)611QUV



Color fastness tester to washing

(China patent number:CN201630582088.2)

SW-24GT



SW-24ACT



IOT+ Solutions **THINKTESTER**
Internet of things plus solution

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.

Relevant standards:

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



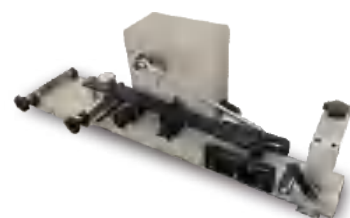
Y(B)571-III



Y(B)571G



Y(B)571A



Y(B)571BC

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.

Relevant standards:

GB/T29865 AATCC116 ISO105-X16,etc.

Y(B)571XC



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.

Relevant standards:

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

Y(B)571JIS



Testing equipment for garments dyeing

Color fastness tester

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.

Relevant standards:

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



YG(B)632

Color fastness tester to scorch and sublimation

Scope of application:

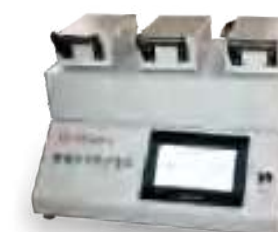
It is used for testing the color fastness to ironing and sublimation of various colored textiles.

Relevant standards:

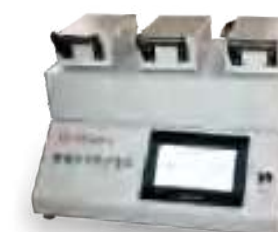
AATCC92/114/117/133 L0854
BS1006 P01&X11 DIN54022/54060
GB/T5718/6152 SO105-X11 M&S P10
X11&P01 JIS L0850 L0879,etc.



YG(B)605G



YG(B)605DG



YG(B)605-3

Color fastness to perspiration tester Color fastness tester to scorch and sublimation

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.

Relevant standards:

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



YG(B)631

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.

Relevant standards:

AATCC92/114/117/133 L0854
BS1006 PO1&X11 DIN54022/54060
GB/T5718/6152 ISO 105-X11
M&S P10 X11&P01JIS L0850
L0879,etc.



YG(B)605DC

Oven

Scope of application:

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

Relevant standards:

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



YG(B)902G

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.

Relevant 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)089E

Y(B)089T

Y(B)089EC

Automatic shrinkage tester

Scope of application:

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

Relevant standards:

GB12014 GB8965.1 GB/T17596
GB/T8629,etc.

Y(B)089E2



Tumbling dryer

Scope of application:

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

Relevant standards:

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



Y(B)743

YG(B)743GT

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.

Relevant 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)089TB

Y(B)089ET



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Shrinkage marker

Scope of application:

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

Relevant 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.

Relevant standards:

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

YG(B)741X

YG(B)741



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

Relevant standards:

GB/T19981.2 (China national standard drafting enterprise)

GB/T11401.1 ISO3175.1 FZ/T01013

FZ/T80007.3 FZ/T01083,etc.

YG-6C



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.

Relevant standards:

GB/T39648 FZ/T01047 ISO105-A11:2012

AATCC EP7,etc.

WDR-982



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.

Relevant 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.

Relevant standards:

ISO2469 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.

Relevant standards:

FZ/T01047 AATCC,etc.



YG(B)982



YG(B)982X



YG(B)982C

Textile formaldehyde tester

(Software copyright: 2012SR108130)

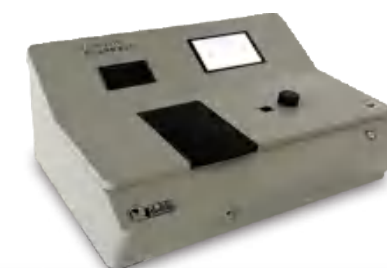
Scope of application:

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

Relevant standards:

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

YG(B)201G



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.

Relevant standards:

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

WDR-3D



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.

Relevant standards: GB/T30548,etc.



WDR009

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.

Relevant standards:

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

WDR-008



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.

Relevant standards:

GB/T 13769 GB/T 13770 GB/T 13771 FZ/T 80007.3,etc.

YG(B)906S



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.

Relevant standards:

GB8965 GB/T23467
ASTMF1930 ISO13506,etc.

DR666-40R



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.

Relevant standards:

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

YG(B)616S



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.

Relevant standards:

GB 38453 ISO 6942 GB8965.1 GB/T38302
NFPA1971 ASTM D4018 ISO17492,etc.

DR255C

DR255R



Clothing pressure mainkin test system

Scope of application:

The overall comprehensive performance test truly simulates the pressure in different areas of the clothing when it is worn. The matrix sensing technology is used to micro-detect the comprehensive pressure of the ready-made clothing when it is worn, and the overall comfort performance of the clothing is analyzed and evaluated.

Relevant standards:

FZ/T 70015 FZ/T 73031 YY/T 0851 YY/T 0853,etc.

DR266CT



Dressing simulated robot

Scope of application:

It is mainly used to replace real people to simulate the wearing movements when testing the splash liquid tightness and jet liquid tightness of professional clothing. It can also be used to replace real people to simulate the movements when conducting comprehensive weather rainproof tests on professional clothing.

Relevant standards:

GB 24540 ASTM F1359/F1359M-22,etc.

DR777A



Fabric oxygen index tester

Scope of application:

Used to determine the combustion performance of various fabrics, and also suitable for determining the combustion performance of plastics, rubber, paper, etc.

Relevant standards:

GB/T 5454 GB/T 2406.2 GB/T 10707
ISO 4589 GB 24407 GB/T 8924
FZ/T 50029,etc.

YG(B)815Y



Weather rain tester system

Scope of application:

Used to test the overall rainproof performance of clothing.

Relevant standards:

GB 24540 ASTM F1359/F1359M-22,etc.

DR813CT



Diaper permeability tester

Scope of application:

Used for the determination of diaper absorption rate, rewet volume, permeation volume and other permeability properties.

Relevant standards:

GB/T 32610,etc.

YG(B)233D



Protective clothing seam air tightness tester

Scope of application:

Used to determine the air tightness of chemical protective clothing and its materials by the pressure tank method.

Relevant standards:

GB24539,etc.

DR248H



Whole shoes thermal &water vapor resistance tester

Scope of application:

Used to test the thermal resistance, moisture resistance and moisture absorption and water vapor permeability of the whole shoe that matches the prosthetic foot.

Relevant standards:

GB/T 33393 SATRA TM376 SATRA TM386
SATRA TM436 ASTM F3426,etc.

DR393C



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.

Relevant standards:

GB/T29511 GB2626 GB19083
ISO13982 BSENISO13982 EN1073-1,etc.



DR258A

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.

Relevant standards:

GB19082 ISO16603
ASTM-F903 YY/T0700,etc.



DR247Y



DR247Y1

Dry lint tester

Scope of application:

It is used to evaluate the linting performance of nonwoven fabrics under dry conditions. It is mainly suitable for evaluating the linting performance of raw nonwoven fabrics and other textile materials used in protective materials.

Relevant standards:

GBT 24218.10,etc.

DR236H



Wet microbial penetration tester

Scope of application:

Used to evaluate the performance of materials in preventing bacteria from penetrating into liquids when subjected to mechanical friction.

Relevant standards:

YY/T 0506.6 ISO 22610,etc.

DR235



Testing equipment for garments dyeing

Protective Testing Instrument

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.

Relevant standards:

GB/T19083 YY/T0469 GB/T32610
GB2626 GB19082 EN1822-3
EN149 EN14683,etc.



DR251XL2



DR251XL

Protective clothing liquid tightness tester

Scope of application:

Mainly used for testing the splash and jet tightness of chemical protective clothing.

Relevant standards:

GB 24540 ASTM F1359/F1359M-22,etc.

DR259B



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.

Relevant standards:

GB19082 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).

Relevant standards:

GB19083 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.

Relevant standards:

GB/T19083 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.

Relevant standards:

EN149 EN136,etc.



DR246EN

Particle protection effect tester

(China patent number: CN202030683810.8)

Scope of application:

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

Relevant standards:

GB/T 32610,etc.



DR251FL-II

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.

Relevant 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.

Relevant 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.

Relevant standards:

GB2626,etc.



DR277M

Glass Impact tester

Scope of application:

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

Relevant standards:

GA44 QB/T2506
GB2626 GB14866,etc.



YG271

Nonwoven moisture webback tester

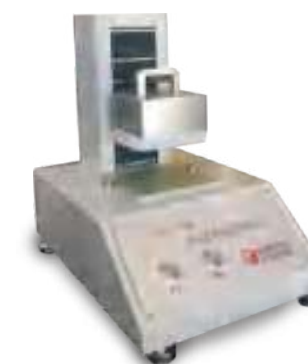
(China patent number: ZL201821419368.1)

Scope of application:

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

Relevant standards:

GB/T 24218.14,etc.



YG(B)232D

Non-woven liquid penetration time tester

(China patent number: 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 standards:

GB/T24218.13 ISO9073,etc.



YG(B)231D

Fiber&Yarn Testing Instrument

Plush bundle fiber strength tester

(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 standards:

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



YG(B)162D

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 standards:

GB/T14344 GB/T3916 ISO2062 ASTM D2256,etc.



YG(B)021DX



YG(B)021A-II



YG(B)021DL

Electronic single fiber strength tester

Scope of application:

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

Relevant standards:

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 standards:

GB/T14344 ISO2062 GB/T3916
ASTM D2256 DIN BS,etc.



YG(B)021HL

Yarn length tester

Scope of application:

Used to measure yarn shrinkage.

Relevant standards:

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



YG111

Wool compression resistance and elasticity tester

Scope of application:

Used to test the compression resistance of wool.

Relevant standards:

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 standards:

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



Y(B)802G



Y(B)802K-II
全自动快速

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 standards:

GB9996,etc.



YG(B)381

Yarn twist tester

Scope of application:

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

Relevant standards:

GB/T2543.1/2 FZ/T10001 ISO2061
ASTM D1422 JIS L1095,etc.



Y(B)331C



Y(B)321

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

Wrap reel machine (Yarn length)

Scope of application:

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

Relevant standards:

GB/T4743 GB/T14343 ISO2060 ASTM D1907,etc.



YG(B)086A



YG(B)086



YG(B)086AC



YG(B)086C

Quick fiber oil extractor

Scope of application:

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

Relevant standards:

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 standards:

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 standards:

GB QB FZ ASTM ISO JIS BS DIN,etc.



DR028E series



DR028G



DR028T



WM026HC



WM026G

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 standards:

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



WM021DL

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



Geotextile comprehensive electronic strength tester

Scope of application:

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

Relevant standards:

ASTM D4595 JTG E50 GB/T15788 GB/T16989
GB/T13763 GB/T1040 GB/T17640 GB/T14800,etc.

YT010-2000



YT010-5000



Geotextile water permeability tester

Scope of application:

Used for testing vertical permeability of geotextiles and composite materials.

Relevant standards:

GB/T15789 JTG E50 SL/T235
ISO11058 ASTM D4716,etc.

YT020



Geotextile effective aperture tester

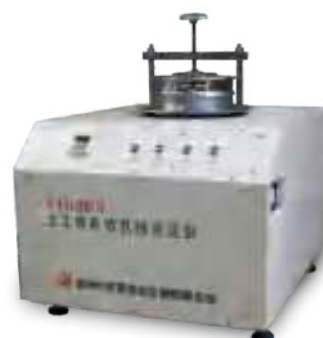
Scope of application:

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

Relevant standards:

JTG E50 GB/T14799,etc.

YT030G



Geotextile effective aperture tester

Scope of application:

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

Relevant standards:

GB/T17634 SL/T235,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 standards:

JTG E50 ISO/DIS13433
GB/T17630,etc.

YT040



Geotextile wear tester

Scope of application:

Used for testing the wear resistance of geotechnical materials.

Relevant standards:

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 standards:

JTG E50 ISO9863 GB/T13761,etc.

YT060G



YT060



Geomembrane impermeability tester

Scope of application:

Used for testing the impermeability of geosynthetics.

Relevant standards:

GB/T19979.1 JTG E50 GB/T19979.2

GB/T1762 SLT235,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 standards:

JTG E50 T1130 SL/T235,etc.

YT080A



Full-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 standards:

GB/T19979.1 GB/T19979.2 JTG E50\SLT235,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 standards:

JTG E50 T1143 SL/T235,etc.

YT080

YT090



Geosynthetics tensile creep tester

Scope of application:

Used for testing tensile creep and creep fracture properties of geomaterials.

Relevant standards:

GB/T17637 ISO13421 JTG E50 SL/T235,etc.

YT101Z



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