

### GT-C09 Snap Button Tester

The aim of snap button test is defined responsibility of garment manufacturer, make sure button, push-button and fixed accessories can fixed on garments suitable. To avoid button fall off garments & risk of infant eating. So, all the button, push-button & fixed accessories on garments must pass snap button strength test. This machine can do even and vertical tensile test of all kinds of buttons on garments. Test fastness degree of button reach relative security standard or not.

#### Standards

16 CFR 1500.51-53, ASTM PS79-96, D4846



### GT-C09-2 Automatic Snap Button Tester

The aim of Snap Button test is defined responsibility of garment manufacturer, make sure button, push-button and fixed accessories can fixed on garments suitable. To avoid button fall off garments & risk of infant eating. So, all the button, push-button & fixed accessories on garments must pass snap button strength test. This machine can do even and vertical tensile test of all kinds of buttons on garments. Test fastness degree of button reach relative security standard or not.

#### Standards

16 CFR 1500.51-53 ASTM PS79-96, D4846



### GT-C09B Button Impact Tester

To determine the impact resistance of plastic sew-through flange buttons to a falling mass of 0.84kg (29.5oz), released from a height of 67mm (2.625 inches) or other heights as required. Evaluation Cracking, chipping and breakage, any of which constitutes damage. Test the remaining specimens.

#### Standards

ASTM D5171



### **GT-C10 Elmendorf Tearing Tester**

This tester can be used to test the Determination of tear resistance of textile, non-woven fabrics, paper, paperboard, thin film, ventilation tape, sheet metal etc.

#### **Standards**

GB/T 3917.1, ASTM D1424, DIN 53862, ISO 13937-1, ISO4674-2  
ISO9290, M&S P29, NF G07-149

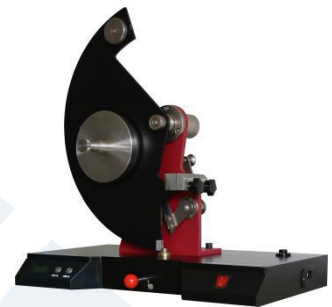


### **GT-C10B Falling-Pendulum Type Tearing Tester**

It is applied to the determination of tear resistance of textile, and also can be used for paper, plastic sheets, film, electrical tape, sheet metal etc.

#### **Standards**

GB/T 3917.1, ASTM D 1424, DIN 53862, EN ISO 13937-1, ISO 4674-2,  
ISO 9290, M&S P29, NEXT 17, NF G07-149  
GB/T 455, APPITA P 400, ASTM D 689, BS 4468, CSA D9, DIN 53128,  
EN 21974, ISO 1974, JIS P 8116, PAPTAC D9, SCAN P11, SNV 198482,  
TAPPI T414, UNI 6444  
GB/T 11999, ASTM D 1922, ISO 6383-2, JIS K 7128-2, NF T54 141  
ASTM D 5734、WSP 100.1



### **GT-C11A Digital Tearing Tester**

This instruments is designed for tearing resistance of textile, non-woven fabrics, paper, paper board, thin film, ventilation tape, metal sheet material and etc.

#### **Standards**

GB/T3917.1, ASTM D1424, DIN 53862, ISO13937-1, ISO4674-2, ISO9290,  
M&S P29, NF G07-149  
GB/T455, APPITA P400, ASTM D689, BS 4468, CSA D9,  
DIN 53128, EN 21974,ISO 1974, JIS P8116, PAPTAC D9, SCAN P11,  
SNV 198482, TAPPI T414, UNI 644  
GB/T11999, ASTM D1922, ISO6383-2, JIS K7128-2  
ASTMD5734



### GT-C11B Digital Tearing Tester

This instrument is designed for tearing resistance of textile, non-woven fabric, paper, paper board, thin film, ventilation tape, metal sheet material and etc.

#### Standards

Textile: GB/T3917.1, ASTM D1424, DIN 53862, ISO13937-1, ISO4674-2, ISO9290, M&S P29, NF G07-149

Paper: GB/T455, APPITA P400, ASTM D689, BS 4468, CSA D9, DIN 53128, EN 21974, ISO 1974, JIS P8116, PAPTAC D9, SCAN P11, SNV 198482, TAPPI T414, UNI 6444

Plastic: GB/T11999, ASTM D1922, ISO6383-2, JIS K7128-2

Non-woven: ASTM D5734



### GT-C12A Bursting Strength Tester

It is applied to determine the bursting strength and distension at burst of woven, knitted and non woven fabrics, papers and boards by the application of hydraulic load under a rubber diaphragm.

#### Standards

ISO 13938.1, FZ/T 60019, FZ/T 01030, ASTM D3786, BS 4768, WOOLMARK TM 29, WSP 30.1, JIS L 1018.6.17



### GT-C12B Pneumatic Bursting Strength Tester

For determining the bursting strength of woven or knitted fabrics, non-woven, paper, leather and board by application of a pneumatic load under a rubber diaphragm of a specific area. Provide with a digital readout of pressure with peak value hold facility, renewable rubber diaphragms, and manual clamping device with acrylic bell, forward reverse and neutral drive system. Provide accurate elongation information of fabrics, up to 0.1mm.

#### Standards

FZ/T60019, ISO2960, ASTM D3786, M&S P27, JIS L-1096, ISO 13938-2



### GT-C13B Martindale Abrasion and Pilling Tester

To determine the abrasion and pilling resistance of all kinds of textile structures. Samples are rubbed against known abrasants at low pressures and in continuously changing directions and the amount of abrasion or pilling is compared against standard parameters.

#### Standards

- Abrasion: GB/T 21196.2, GB/T 13775, ISO 12947, ASTM D4966, IWS TM 112, M & S P19, Next 18, SN 198529, TWC 112, JIS L1096, (ISO17076-2 ball plate method ,optional)
- Pilling: GB/T 4802.2, ISO12945-2, ASTM D4970, IWS TM 196, M & S P17, Next TM26, SN 198525



### GT-C13C Martindale Abrasion and Pilling Tester

To determine the abrasion and pilling resistance of all kinds of textile structures. Samples are rubbed against known abrasants at low pressures and in continuously changing directions and the amount of abrasion or pilling is compared against standard parameters.

#### Standards

- Abrasion: GB/T 21196.2, GB/T 13775, ISO 12947, ASTM D4966, IWS TM 112, M & S P19, Next 18, SN 198529, TWC 112, JIS L1096
- Pilling: GB/T 4802.2, ISO12945-2, ASTM D4970, IWS TM 196, M & S P17, Next TM26, SN 198525



### GT-C14A Taber Abrasion Tester

To determine the wear resistance of materials and assess its wear resistance degree, like measuring its mass loss, thickness loss, and transmittance etc.

It's applicable for flat products, like suitcases, carpet, cardboard, clothing, glass, plastic coatings, metal coating, paint, varnishes, decorative sheets, high pressure sheets, plastics, textiles, flexible floor mats, traffic paint, tile, anodizing layer, blankets, electronic components, decorative plates, wax, label, leather, dental materials, automobile interior decoration, resin, furniture, etc.

#### Standards

- ASTM D3884, ASTM D1175, ASTM D1044, ASTM D4060, TAPPI T476
- ISO 9352, ISO 5470-1, JIS K7204, JIS A1453, JIS K6902, JIS L1096
- JIS K6964, DIN 52347, DIN 53109, DIN 53754, DIN 53799



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#### Standards

ASTM D3884, ASTM D1175, ASTM D1044, ASTM D4060, TAPPI T476,  
ISO 9352, ISO 5470-1, JIS K7204, JIS A1453, JIS K6902, JIS L1096,  
JIS K6964, DIN 52347, DIN 53109, DIN 53754, DIN 53799



### GT-C15 Universal Wear Tester (Stoll Quartermaster

To determine the wear and abrasion resistance of fabric used in clothing, footwear and industrials. Supplied with surface abrasion head (inflated diaphragm method, flex abrasion head, depth abrasion test device, flat abrasion (frosting) and pilling test device as well as necessary weights and initial supply of abrasive. Fitted with built-in timer and mechanical cycle counter.

#### Standards

ASTM D3885, D3886, ASTM D3514, D3885, D3886  
AATCC 119, 120



### GT-C16 Surface Fuzzing and Pilling Tester

Surface Fuzzing and Pilling Tester is applicable to assess fuzzing and pilling property for all kinds of woven fabrics under slight pressure.

#### Standards

GB/T 4802.1



### GT-C17 ICI Mace Snag Tester

ICI Mace Snag Tester applies to rapidly determine the snagging resistance of heavyweight fabrics such as apparel, upholstery, and automotive interiors fabrics etc.

#### Standards

ASTM D3939, GB 11047, JIS L 1058, VDA 230-220



### GT-C18 ICI Pilling and Snagging Tester

ICI Pilling and Snagging Tester, to determine the surface pilling and snagging properties of both woven and knitted materials. It complies in full with the requirements of EN ISO 12945-1 and BS 5811, etc.

#### Standards

GB/T4802.3, ISO 12945.1, BS5811, JIS L1076, IWS TM152



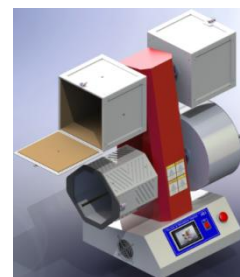
### GT-C18D ICI Pilling and Snagging Tester

To determine the surface pilling and snagging under abrasion, suitable for both woven and knitted materials.

#### Standards

BS EN ISO 12945-1, BS 5811, GB/T4802.3, BS 8479

JIS L1076, L1058, M&S P18A, P18B



### GT-C19A Random Tumble Pilling Tester

Random tumble pilling tester, used to determine the pilling and fuzzing characteristics of textile fabrics. Precision high-speed impeller for agitating the test specimens against cork lining for a pre-determined time controlled by a timer and audible alarm. Compressed air is also injected into the chamber to assist in the tumbling action. Laboratory standard compressed air supply required.

#### Standards

ASTM D3512, DIN 53867, JIS L1076



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To determine the pilling and fuzzing characteristics of textile fabrics. Precision high-speed impeller for agitating the test specimens against cork lining for a pre-determined time controlled by a timer and audible alarm. Compressed air is also injected into the chamber to assist in the tumbling action. Laboratory standard compressed air supply required.

#### Standards

ASTM D3512, DIN 53867, JIS L1076



### GT-C19D Random Tumble Pilling Tester

To determine the pilling and fuzzing characteristics of textile fabrics. Precision high-speed impeller for agitating the test specimens against cork lining for a pre-determined time controlled by a timer and audible alarm. Compressed air is also injected into the chamber to assist in the tumbling action. Laboratory standard compressed air supply required.



#### Standards

ASTM D3512 , DIN 53867 , JIS L1076 Type A, GB/T 4802.4

SANS 6116 ISO 12945-3

NFG 07-121, JIS L1076 Type B

### GT-C21-1 Crease Recovery Tester & Loading Device

Crease Recovery Tester & Loading Device, used to determine recovery properties of fabrics by measure the angle of recovery after being folded and creased under a static load, the test method specified BS, ISO, AATCC standards .



#### Standards

ISO 2313, BS EN 22313, M&S P22, AATCC 66, GB/T 3819

### GT-C21-2 AATCC Wrinkle Recovery Tester

This instrument is used to determine the appearance of textile fabrics after induced wrinkling. It is applied to both woven and knitted fabrics, made from any fibre or mixture of fibres. Materials which are insufficiently stable, for example those which are limp, thick or have a tendency to curl, can be assessed for wrinkle resistance with this device.



#### Standards

AATCC 128, ISO 9867

### GT-C22 Automatic Fabric Drapability Tester

To test the dynamic and statics drape property of all kinds of fabrics, include drape coefficient, lively rate, corrugated surface and aesthetic coefficient of the fabric.

#### Standards

BS5058, FZ/T01045



### GT-C26A Hydrostatic Head Tester

Digital Hydrostatic Tester is used to test the waterproof properties of fabrics through waterproofing work such as canvas, coated fabrics, hood fabric, tarpaulin, rain-proof fabrics and geotextile.

#### Standards

AATCC 127, ISO 811, ISO 1420, GB/T4744, FZT01004

DIN53886 , JIS L1092, EN20811



### GT-C26B High pressure-servo Hydrostatic Head Tester

Hydrostatic Tester is used to test the waterproof properties of fabric through waterproofing work such as canvas, coated fabrics, hood fabric, tarpaulin, rain-proof fabrics and geotextile.

#### Standards

AATCC 127, ISO 811, ISO 1420, GB/T4744, FZT01004

DIN53886, JIS L1092, EN20811



### GT-C27 Digital Air Permeability Tester

To test the air permeability of various woven fabrics, knitted fabrics, non-woven fabrics, industrial filter materials etc.

#### Standards

GB/T 5453, GB/T 13764, ISO 9237, ISO 7231

ISO 5636, BS 5636, ASTM D737, DIN 53887, JISL1096,

AFNORG 07-111, EDANA140.1



### GT-C27 Automatic Air Permeability Tester

To test the air permeability of various woven fabrics, knitted fabrics, non-woven fabrics, industrial filter materials etc.

#### Standards

GB/T 5453, GB/T 13764, ISO 9237, ISO 7231, ISO 5636

BS 5636, ASTM D737, DIN 53887, JISL1096,

AFNORG 07-111, EDANA140.1





### GT-C27B Automatic Air Permeability Tester

To test the air permeability of various woven fabrics, knitted fabrics, non-woven fabrics, industrial filter materials etc.

#### Standards

GB/T 5453, GB/T 13764, ISO 9237, ISO 7231, ISO 5636,  
BS 5636, ASTM D737, DIN 53887, JISL1096, AFNORG 07-111, EDANA140.1



### GT-C28 Fabric Water-vapour Transmission Tester

To test the breathability of various fabric (moisture permeable fabric included) and non-woven fabric such as bat wool, space cotton, sportswear fabric etc.

#### Standards

GB/T12704, GB/T21655, ASTM E90, ASTM E96, JIS L1099, BS 7209



### GT-C29 UV Accelerated Weathering Tester

GT-C29 UV Accelerate Weathering Tester use UVA-340 fluorescent UV lamp as light sources which can simulate the harm of sunshine, rain and dew. The operating principle of this machine is combined the ultraviolet rays, rain, high-temperature, condensation and darkness as a circulation and repeat the circulation automatically. We can get the weathering test result of specimen by these circulations. The UV Accelerate Weathering Tester can reproduce the months and years harm in several days or weeks. The harm includes color fading, discoloring, chalkiness, cracking, muddy, bubble, embrittlement, intensity, recession, oxidation etc.



### GT-C30 Textile Ultraviolet Prevention Performance Tester

For testing textile UV transmittance and UV resistance special equipment, can be directly obtained ultraviolet protection factor test textiles UPF.

#### Standards

GB/T 18830, AATCC 183, AS/NZS 4399, BS 7914, PREN13758



### GT-C31 Spray Rating Tester

Spray Rating Tester can performs a shower test to determine the resistance of fabric to surface wetting by water. Spraying quantitative distilled water on the specimen (at a 45 degree angle and 150 mm below) with standard nozzle. Then contrast and evaluate the specimen surface with the standard cards.

#### Standards

ASTM D1630, SATRA TM 221



### GT-C32 45 Degree Automatic Flammability Tester

To determine the burning characteristics of textiles under controlled conditions. This test method covers the evaluation of the flammability of textile fabrics as they reach the consumer for or from apparel other than children's sleepwear or protective clothing.

#### Standards

ASTM D 1230, 16 CFR -1610, CALIF TB 117, GB/T 14644



### GT-C34A Horizontal Flammability Tester

Mainly used for determining the horizontal burning rate of materials used in the occupant compartment of road vehicles ( for example, passenger cars, lorries/trucks ,estate cars, coaches ), and of tractors and machinery for agriculture and forestry, after exposure to a small flame.

#### Standards

ASTM D5132, ISO 3795, FMVSS 302 , JIS D1201, FZ/T 01028,  
GB/T 8410, GB/T20953, SAE J369, GMW3232



### GT-C34B Horizontal Flame Chamber

Mainly used for determining the horizontal burning rate of materials used in the occupant compartment of road vehicles (for example, passenger cars, lorries/trucks, estate cars, coaches), and of tractors and machinery for agriculture and forestry, after exposure to a small flame.

#### Standards

ASTM D5132, ISO 3795 ,FMVSS 302 , JIS D1201, FZ/T 01028,  
GB/T 8410, GB/T20953, SAE J369, GMW3232



### GT-C35 Vertical Flammability Chamber

Used to measuring the vertical flame spread for children's sleepwear, fabrics, other textile materials or resilient filling materials used in upholstered furniture of textiles. Different accessories, burners and configurations are required for different standards. Please specify standards(s) required.

#### Standards

GT-C35A-1: CFR1615, CFR1616, GB/T 5455  
GT-C35A-2: ASTM D6413  
GT-C35A-3: CALIF TB-117

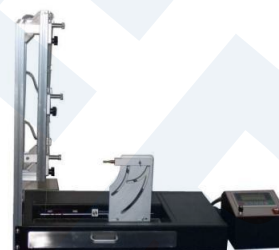


### GT-C35B Vertical Combustibility Tester

To determine the flammability resistance of vertically oriented fabrics and soft fabric toys.

#### Standards

BS EN ISO 6940, 6941 ,15025, GB/T 5456,8746,  
BS 5438, BS EN 1101,1102, 1103



### GT-C36 Dry Cleaning Cylinder

To determine color fastness to drycleaning and chlorinated pool water, in addition, to prepare samples for flammability testing, to wash off fire retardant on the surface with tetrachloroethylene.

#### Standards

AATCC 162, 16CFR1610



### GT-C37 Fabric Surface Flammability Performance Tester

For testing burning time of fabric surface, especially in the surface with fluff (such as the fleece, terry, tufted, or similar surface).

#### Standards

GB/T 8745, ISO 10047



### GT-C38 Bundesmann Water Repellency Tester

This machine use the Bundesmann method to test the water repellency of fabrics.

#### Standards

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



### GT-C39A Zipper Fatigue Testers

This zipper fatigue tester was use to do a variety of zipper reciprocating tests, by tests in a continuous back and forth action, the ultimate aim is to test the zipper created a distance between joints, loose or connector failure, fluff, wear, etc.

#### Standards

CNS -1083 , BS 3084 , QB/T2171



### GT-C39B Zipper Rotation Testing Machine

To test the torsional strength of variety types of zipper pullers. Testing methods: twist off, constant angle, constant load.

#### Standards

ASTM D2061, 16CFR 1500.51-53



### **GT-D40 De Mattia Flexing Tester**

It is suitable to determine resistance to damage by flexing for rubber or plastics coated fabrics.

#### **Standards**

ISO 7854-Method A, BS 3424:Part9, GB/T 12586 Method A

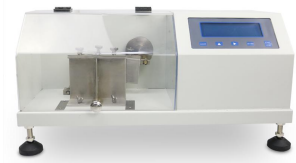


### **GT-C41 Downproof Tester**

This machine is apply to test down and/or feather penetration through the primary tick fabric of a specimen containing feather and/or down filling.

#### **Standards**

BS EN 12132-1

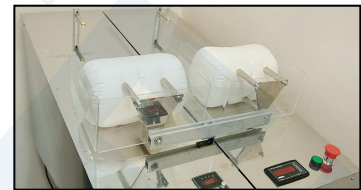


### **GT-C42 Downproof Tester(Impact Test Method)**

This machine is used for down and/ or feather penetration through the primary tick fabric of a specimen containing feather and/or down filling.

#### **Standards**

BS EN 12132-2



### **GT-C43 Automatic Feather AND Down Filling Power Tester**

It is applied to determine the filling power of feather and down, and product filling materials. It meets with GB, DN and JIS standard.

#### **Standards**

IDFB-FP, GB/T10288, FZ/T80001 JISL1903, BSEN12130



### GT-C44 Crumple Flex Tester

It is suitable to determine resistance to damage by crumpling and flexing method for rubber or plastics coated fabrics.

#### Standards

BS 3424 P9, ISO 7854-Method C, GB/T 12586



### GT-C45 Rain Tester

To determine the penetration resistance of fabrics or composites at different intensities of water impact. Simulated the rain horizontally impacts fabric samples mounted vertically in a stainless steel bath. Samples are backed with a standard blotting paper (which is weighed before and after each test). The rain is formed by a column of water which can be adjusted from 600mm to 2400mm., depending on model in 10mm increments, applied via a standardized nozzle.

#### Standards

AATCC 35, GB /T 23321, ISO 22958, IST 80.2 (01) 8.7



### GT-C46-1 Digital Thickness Tester

This machine can be used to test the thickness of various soft fabrics.

#### Standards

ASTM D1777 Method 1, 2, 5



### GT-C46-2 Electronic Thickness Tester

GT-C46 Thickness Gauge, is used to determine the thickness of textiles and textile products, and suitable for measurement of various kinds of woven, knitted fabrics and other uniform thin materials. This machine is widely used in cotton textile, knitted textile, coverlet, handkerchief, and paper making industries.

#### Standards

ASTM D1777 Method 1, 2, 5



### GT-C46-3 Non-woven Thickness Gauge

This thickness gauge used for measure kinds of non-woven which thickness less than 20mm.

#### Standards

ISO 9073-2, FZ/T 60004, GB/T 24218.2



### GT-C48 Pneumatic Sample Press

Sample pneumatic compression machine, a new type of desktop compression machine, equipped with 125 mm gas cylinder, Cutting thickness of 10mm. Under the pressure of 100psi can produce 800kg pressure, equipped with a double bond security operation. Can be requested to provide special shape die. Laboratory standards require the use of air compressor.

#### Standards

ASTM D3776/2646, ISO 3801, BS 3424/2471, BS EN 12127, M&S P65/65A



### GT-C48-2 Pneumatic Sample Press

Sample pneumatic compression machine, a new type of desktop compression machine, equipped with 125 mm gas cylinder, Cutting thickness of 10mm. Under the pressure of 100psi can produce 2000kg pressure, equipped with a double bond security operation. Can be requested to provide special shape die. Laboratory standards require the use of air compressor.

#### Standards

ASTM D3776,D2646, D4966,BS 3424/2471, BS EN 12127, EN 344-1 M&S P65/65A, ISO 20344, ISO 5470-2, ISO 3801, AS/NZS 2210.2 , GB/T 20991,SATRA TM31



### GT-C49 Gas Fume Chamber

To determine the colorfastness of of textiles of all kinds and in all forms when exposed to atmospheric oxides of nitrogen as derived from the combustion of natural gas. Includes testing cabinet, burning chamber, control chamber, viewing window, control panel, timer, temperature controller, main gas switch, fan and exhaust device.

#### Standards

AATCC 23, ISO 105-G02, GB/T 11039.2



### GT-C50 Bean Bag Snag Tester

This machine is to test the snagging resistance of knitted fabric. The principle is put the specimen(bean bag inside) into the roller (with rows of needles) and rotate a certain number of cycles, evaluate the grade of the specimen.

#### Standards

ASTM D5362, JIS L1058



### GT-C52 Programmable Temperature & Humidity Test Chamber

Used for conditioning of samples prior to testing. It also can be used for a variety of materials of high - low temperature alternating test. The test temperature, humidity and time can be programmed.



### GT-C60 Dynamic Impact Load Tester

This tester is designed for shock resistance of materials.Can be used for medical equipment, auto-material, sporting goods, space flight and aviation those fields.Contribute to making sure safety and reliability of products. Adopt automatic control, such as hammer zero, hang, rise to simulated altitude, convert energy to energy storage, detection door open or close, detect tester safety limit all by automatic.

#### Standards

GB 6112, GB/T 14152, GB/T5836, GB/T10002, GB/T13664,

GB/T16800, GB/T18477, GB\_T 2812, GB\_T 11548

ASTM D-256(IZOD), D-6110(CHARPY), D-950, D-1822,

D-2444, D-5420, D-3763, D-4508, D-4812, D-5628,

E-23(IZOD, CHARPY), E-208, E-436, E-604;

ISO 179(CHARPY), 180(IZOD), 148(CHARPY),

7765-2, 6603-1, 6603-2, 179-2, 3127



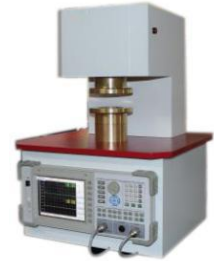


### GT-C61 Textile Radiation Performance Tester

This tester is designed for test electromagnetic shielding effectiveness of surface coating on textile, plastic cloth, metal sheet, non - conducting material or coating, metal mesh, conducting film, conducting glass, conducting dielectric plate and so on (Flange coaxial method).

#### Standards

GB/T23326, GB/T 25471, SJ 20524(ASTM 4935)



### GT-C70A Full-Automatic Fabric Stiffness Tester

To measure the fabric stiffness, in addition to determine the bending height, flexural rigidity and bending modulus of fabrics by simple procedures and calculations. This machines is mainly used in: cotton, wool, silk, hemp, chemical fiber and other types of woven fabric, knitted fabric and the generality of the non woven fabric, coated fabrics and other textiles, but also suitable for paper, leather, thin film flexible material.

#### Standards

ZB WO4003, GB/T18318, ASTM D 1388, IS09073-7, BS EN22313



### GT-C70B Digital Pneumatic Stiffness Tester

To determine fabric stiffness using the ASTM circular bend test method. This test method is generally applicable to all types of fabrics, including woven, knitted and nonwovens, of any fiber content.

A plunger of 25.4mm (1 in) diameter pushes the fabric through a 38mm (1.5 in) diameter orifice for a distance of 57mm (2.25in) in 1.7 seconds and and the maximum force is recorded.

#### Standards

ASTM D4032



### GT-C71 Wyzenbeek or Oscillatory Abrasion Tester

This machine is designed for abrasion resistance of textile, leather and imitation leather, and can be reference as improving products quality.

#### Standards

ASTM D4157, EN ISO 12402-7



### GT-C74 Manual Sample Cutting Table

This machine is suitable for cutting cotton fabric, wool, silk, linen, chemical fiber, leather etc. It is widely used in textile industrial for cutting and making sample.



### GT-C75 Circular Sample Cutter

Circular Sample Cutter 100cm<sup>2</sup> combine with the electronic balance. Suitable for 100 cm<sup>2</sup> x 5mm depth of cut, provided with the cutting mat and the spare blades.



### GT-C75-1 Circular Sample Cutter with Balance

Circular Sample Cutter 100cm<sup>2</sup> combine with the electronic balance. Suitable for 100 cm<sup>2</sup> x 5mm depth of cut, provided with the cutting mat and the spare blades

Balance provided with LCD display, stainless steel plate, touching switches, sealed before the board. With wind-proof caps.



### GT-C75-2 Hand-press Sample Cutter

Circular Sample Cutter 100cm<sup>2</sup> combine with the electronic balance. Suitable for 100 cm<sup>2</sup> x 5mm depth of cut, provided with the cutting mat and the spare blades.



### GT-C75-3 Circular Sample Cutter

Circular Fabric Sample Cutter 38mm, 90mm and 140mm diameter fabric. Provided with the cutting mat and the spare blades



#### GT-C75-4 Handle Sheet-Punching Machine

This equipment is widely use for textile, paper, leather, footwear, electronics watch and clocks, zipper, hardware and other industries. The sample can be punched, bent, riveted, pressed,etc. The shut height and the stroke is adjustable.



#### GT-C75-5 Fabric Rotary Cutter

To cut various soft material in large area, like fabrics, cotton, leather, paper.



#### GT-C76 Formaldehyde Content Tester

Used for rapid testing formaldehyde contents in all kinds of textiles. To simultaneously measure formaldehyde value and absorbance value by using the extraction method.

##### Standards

ISO14184-1/2, AATCC112, GB/T2912.1-2009, GB18401-2010



#### GT-C76-2 Automatic Textile Formaldehyde Tester

This machine apply for quickly testing formaldehyde content of all kinds of textile.

##### Standards

GB/T 2912.1 textile formaldehyde measure Part 1:free and hydrolyzing



#### GT-C78 Pilling Assessment Box

Suitable for all standards where the assessment of pilling on fabrics is necessary, whether against control fabrics or photographs. It is suitable for: Martindale Pilling, Random Tumble Pilling, ICI Pilling, ICI Snagging, Brush/Sponge Pilling

##### Standards

BS5811, ISO 12945, ASTM D3512, ASTM D4970,

ASTM D5362, IWSTM 152



### GT-C82 Fryma Fabric Extensometer

To simply and economically determine the stretch and recovery of textile fabrics, both knitted and woven. The apparatus consists of a loading frame with clamps and a screw tensioning device, two 3kg loading weights and sample cutting templates.

#### Standards

BS 4294



### GT-C83 Fabric Density Glass

Used for testing the number of yarn in warp-wise or across warp of all kinds of fabrics in set length.



### GT-C94 Protective Clothing Against molten Metal

This machine is designed for protection suit anti high temperature metal drop impact property & textile anti high temperature barrier property.

#### Standards

GB/T 17599, ISO 9150, EN 348



### GT-C95 Heat Transmission Resistance Test Device

To determine the discoloration resistance to light exposure for white and light-colored upper materials, sole materials, leather, PU and fabrics and other shoes materials.

#### Standards

EN367, ISO 9151



### GT-C96 Heat Radiation(Thermal Protection)Tester

This device is use for heat protection test for fabric of single layer or multi-layer under the high temperature. It also can be used to determine the heat-insulating property of other fire retardant board.

Thermal radiation is a important performance indicator of flame retardant products. Accurate determination of its protective properties is very important to select materials, research and development of new products, improved processing techniques.

#### Standards

ISO 6942-2002, EN366



### GT-C98 Sweating Guarded Hot Plate

To determine the thermal and evaporative resistance of clothing materials, under standard test environment, heat the fixed aluminum or copper. Keep them to maintain a fixed temperature and heating power. At the same time, after covering the aluminum or copper with test fabric, do the power test under the same situation, and test the size of test platen with the power difference. And then determine the thermal or dampness of the test sample.

#### Standards

GB/T 11048, ISO 11092, ASTM F 1868-09, ASTM D 1518-85,  
JIS L1096-2010, ASTM F 1868-02



### GT-C99 Intelligent Heating Thermostatic Magnetic Agitator

Using exclusive square ceramic heating plate for beauty and corrosion resistance.

Unique heating methods (patent applied), the maximum surface temperature can up to 350°C.

The digital speed display.

Using fuzzy PID controller, dual digital display, self-determining function, with high measurement accuracy, low red temperature, single button operation, silicon control, Thermocouple measure in inside or outside, silicon control output, 160-240V voltage with wide range and temperature protection function.

It can heat and mix the flask of 50-1000ml(Standard or non-standard).

Electric motor by using AC frequency conversion, durable, stable performance, lower noise without spark.

Enclosure of the PBT plastic 94VO are generated once only with high temperature resistance, anti corrosion and good insulation.

Suit for sitting and standing position perspective with 30 ° bevel operation control panel.

Running stable, Stepless speed regulation and high-speed stronger.

