

Product Information

Manual GSM Fabric Round Sample Textile Cutter

Use: this equipment is used to cut all kinds of textiles, carpet, cardboard.

Include: wool fabrics, cotton fabrics, manmade fabrics and knitting products.



Name	Round Sample Cutter-- Model 1
Cutting area	100 sq cm
Cutting thickness	0.1mm-10mm
Machine size	40 * 30 * 35 cm
Blade size:	Diameter 112.84mm (100 square centimeters)
Weight	9.5 KG
Name	Round Sample Cutter-- Model 2
Cutting area	100 sq cm
Cutting thickness	0.1mm-10mm
Machine size	15*15*15 cm
Blade size:	Diameter 112.84mm (100 square centimeters)
Weight	1.5 KG

Product Information

300*0.001g Digital Scale Lab Electronic Balance LCD Display with Windshield

Use: The electromagnetic sensor with one-button calibration technology provides continuous and reliable results, and the built-in overload protection function helps the balance maintain a long service life.

The RS-232 interface allows serial data exchange between this digital lab balance and your computer printer.



Specifications:

Accuracy	0.001g
Dimension of pan	Φ130mm
Output interface	RS232C
Power	220V,5A

Max. weight	100g	200g	300g	500g	1000g	5000g
Accuracy resolution	0.001g	0.001g	0.001g	0.001g	0.01g	0.1g

accessories:

manual *1 pcs

standard weight *1 pcs

power cable *1 pcs

Load-bearing chassis *1 pcs Certificate *1 pcs

Product Information

HTC-001A Electronic AATCC Crockmeter

Use : Electronic Crockmeter is used to determine the colour fastness of textiles to dry or wet rubbing.

A pinned acrylic sample holder ensures rapid sample mounting and repeatability of results.

Standard :

ISO105-X12, D02, Bs1006 D02, DIN54021, IWS Tm165, JIS K6328, AATCC 8, AATCC 165



Technical specifications

Testing Time: 1-99999

Rubber Travel: 104 ± 3 mm

Rubbing Speed: 60r/min

Rubbing pressure: 9N

Rubbing Head: Roundness: diameter 16mm

Dimension: 600mm \times 225mm \times 270mm

Weight: 11kgs

Power Source: AC 220V/110V, 50Hz/60Hz

Product Information

HTX-006 IULTCS Rubbing Fastness Tester

Use: IULTCS Rubbing Fastness Tester, designed to carry out a rub fastness test on the surface of leather to determine the amount of 'marring' of the leather surface or the finish and to assess the amount of colour transferring from the sample to the rubbing pad under dry or wet conditions.

Standard : ISO11640, EN 344, SATRA PM 173 , ISO 17700 Method A



specifications

Rubbing finger: 500 +/- 25 g(or 1000g by adding a load mass)

Loading weight: 500 +/- 10 g

Dimension of base of finger: 15 x 15 mm

Specimen: 120x20mm

Rubbing stroke: 35 ~ 40 mm

Speed of rubbing: 40 +/- 2 cycles/min

Counter: LCD,1-999,999 times, automatically stops

Instrument Weight: 35kg

Power: 220/110 V,50/60 Hz,4A

Optional order

White or black Rubbing wool felts 500pcs / pack, or 1000pcs / pack

Product Information

HTC-001 AATCC Crockmeter,Rubbing Fastness Tester

Use:AATCC Crockmeter,Rubbing Fastness Tester is used to determine colour fastness of textile to dry or wet rubbing, fitted with hand crank/counter. Provided with a steel specimen holder and 16mm diameter test finger.

Standard : BS 1006 D02, ISO 105X12/D02, AATCC 8/165, JIS K6328, L0815,L1084



Specifications:

Weight:6.0 kg13.0 IB

Dsimension:(L*W*H):160.0* 600.0* 215.0 mm(6.5 *24.0 * 8.5 inch)

Accessories:

standard friction cloth: 1 box (100 pieces); clamping ring :2 pieces; sandpaper: 2 pieces

Product Information

HTC-007B Gas Fume Test Chamber

Use: Gas fume chamber, to determine the burnt gas fume colorfastness of textiles when exposed to atmospheric oxides of nitrogen derived from the combustion of gases.

Standard : AATCC 23, ISO 105-G02, GBT 11039



Sample rotating frame speed	2-3 r/min
Test box	SUS material, inner diameter: 500mm
Sample installation	6 root
Test Temperature	Less than or equal to 60 C
Specimen	40mmx100mm
Control method	PLC and Touch Screen contro
Burning gas	Chemically pure butane gas or Manufactured gas
Dimension	62x65x85cm(W*D*H)
Weight	About 75Kg
Power	AC 110/220V 50/60Hz

Product Information

HTF-006 Accelerator Abrasion Resistance Of Fabrics

Use: AATCC 93 Accelerator, to rapidly determine abrasion resistance of flexible materials including textiles, paper, leather and plastics in both wet and dry conditions.

Standards: AATCC 93, M&S P26, M&S P53, NEXT 31

**Specifications:**

Test speed: 3000 r/min

S-shape rotor, 114mm.

Test cylinder: Dia 140mm, 70mm depth.

Timer: 0.1s ~ 99h, stops automatically

Power 220 /110 V 50/60 Hz 3A

Weight 26 Kg

Dimensions 480 x 220 x 320 mm(L x W x H)

Product Information

HTY-008 Fabric Static Tester With High Precision

Use: It can determine the electro-static properties of various textile raw materials and made-up goods (including fiber, yarn, fabrics, carpet, decoration fabrics). It can also be used to measure the electro-static performances to other sheets (plates) such as paper, rubber, plastic, composite sheets .

Standard : GB/T12703; FZ/T010426



specifications

Measuring Range of Electro-static Voltage	0 ~ 10KV
Half-life Time Limit Range	0 ~ 10000s, error \pm 1s
Sample Tray Rotating Speed	>1000r/min
Discharge Time	0 ~ 99s to be adjustable(standard requirement: 30s \pm 0.1s)
Discharge Distance between Pin Electrode and Testing Specimen	20mm
Measuring Space between Testing Sensing Probe and Testing Specimen	15mm
Test Specimen Size	60mm \times 80mm (3pcs)
Power Source	220V 50HZ 300W

Product Information

HTF-014 Electronic Rotary Box Downproof Tester

Use: To determine penetration of filling of down, feathers or fibres through fabrics used in winter garments and quilted bed covers.

Standard : QB/T1193.4.6, GB/T12705.2, FZ/T 73053, IDFL Test Method 20-1



specifications

Inner dimension of rotary box: 450x450x450mm

Speed: 45±2r/min

Rotary movement: positive and negative

Material of test box : transparent plexiglass

Specimen size: 420x820mm

Rotary cycles: LED display, 1~9999 cycles adjustable

Rubber ball: 10pcs, hardness :45±10 ; weight:140±5g; made of NBR material

Dimension : 900x700x840mm(L×W×H)

Weight: about 120KG

Power: AC220V±10%,50Hz

Product Information

HTY-004A Yarn Evenness Testing Machine

Use: Yarn Appearance Board Winder, To assess the evenness, hairiness, neps and other imperfections in a representative sample of yarn wound at a pre-determined pitch onto a tapered black yarn board.

Standard :ASTM D 2255-96

**specifications**

Tension method: Pressing by grade

Reeling density: 7, 9, 11, 13, 15, 19 (pieces)/cm and 20 /4.5cm total 7 grade

Creel speed: 0~350r/min(step-less)

Dimension: 1065 * 450 * 270 mm

Net.Weight: 26.5Kg

Power: AC220V 55W

Product Information

HTF-016 AATCC 66 Textile Crease Recovery Tester

Use: It's used to test the sample crease recovery ability to horizontal crease. Especially suitable for easy creasing fabric, fiber and other textile. It's necessary to test crease recovery ability, A large number of wrinkle recovery angle can determine fabric crease recovery ability.

Standard : AATCC 66



Note: Put a piece of paper between the sample angle to avoid sample stick together when it's under loading. After loading, remove the paper, test the angle after the sample recovering in a certain time. Combine clever ruler and straightedge to measure the angle, avoid error due to vision.

Weight	10N
Dial	180°
Dimension	150 × 150 × 330mm
Accessories	weights 2 pcs, pressurizing holder

Product Information

HTP-005 Button Strength Pull Tester

Use: Button Pull Test Machine is used to determine the holding or breaking strength of prong-ring attached snap fasteners onto garments. Consists of an Upper Snap Clamp, a Lower Fabric Clamp & Force Gauge mounted on a Stand.

Standard :16 CFR 1500.51-53 ; ASTM WK4510 PS79-96 ;ASTM F963 ;EN71-1-2014+A1-2018 ; M&S P115A(for snap) P115(for button).

**specifications**

Model : htp-005

Button pull tester : snap button pull test machine

2 model : automatic and manual

Force : 50kg

Dimension : 260 x 310 x 820mm (L x W x H)

Weight : 32kg

Accessories:

IMADA Force Gauge FB-30K*1
Upper Universal Grip*1
Upper Stud Grip*1
Lower Fabric Clamp & Level Arm Locking*1
Lower Grasp Button Accessory Kit*1
Calibration Weight 15LB*1
Three Pronged Grip*1
Upper Long Nose Vise Grip*1

The snap component is gripped by the Upper Snap Clamp and the garment is fixed to the lower Fabric Clamp.

By turning the Top Flywheel, the operator can apply a specific force and the holding force or the breaking strength can be recorded.

Button Pull Test Machine used for measuring the responsibility of garment manufacturer to ensure button and firmware can be fixed on the ready-made garments properly, Avoiding button drop from garment to brought danger to baby swallow. Used for testing the vertical orientation tension of button and added touch.

Product Information

HTF-042 Stretch Recovery Tester

Use : Knitted Fabric Stretch Recovery Tester, to determine the stretch properties of knitted fabrics from stretch yarns under a specified tension and extension, including constant load test frame and constant extension test frame.

Standard : ASTM D 2594 And ASTM D3107



specifications

1. Made of Stainless Steel
2. 12 clamps are offered
3. 5Lb , 10Lb tension weights are offered

NOTE : this tester can conform to but not limit to the standards above, for more standards conformance, please contact us.

Weight 25Kg

Dimensions 1800×250×1350mm(LxWxH)

Product Information

HTF-016C ASTM D3107 Woven Fabric Stretch and Recovery Tester

Use: The Stretch and recovery Tester is developed to determine the amount of fabric stretch, fabric growth, and fabric recovery of fabrics woven in whole or in part from stretch yarns after a specified tension and extension.

Standard: ASTM D3107-2007 Test method for Stretch Properties of Fabrics Woven from Stretch Yarns



Parameters:

1. Test station: 6 group
2. Upper clamp: 6
3. Lower clamp: 6
4. Tension weights: 1.8kg(4lb.) 3 pcs; 1.35kg(3lb.) 3 pcs
5. Specimen size: 50×560mm (L×W)
6. Overall dimension: 1000×500×1500mm (L×W×H)
7. Weight: 65Kg

Product Information

HXB-002 Vertical Flame Spread Tester

Use : Vertical Flammability Chamber for measuring the vertical flame spread of children's sleepwear, fabrics (fabric burn test), other textile materials or resilient filling materials used in upholstered furniture.

Standard :

16 CFR 1615, 1616 / ASTM6413 / CALIF TB-117(TECHNICAL BULLETIN 117)
SECTION A-Part I Resilient Cellular Materials

**specifications**

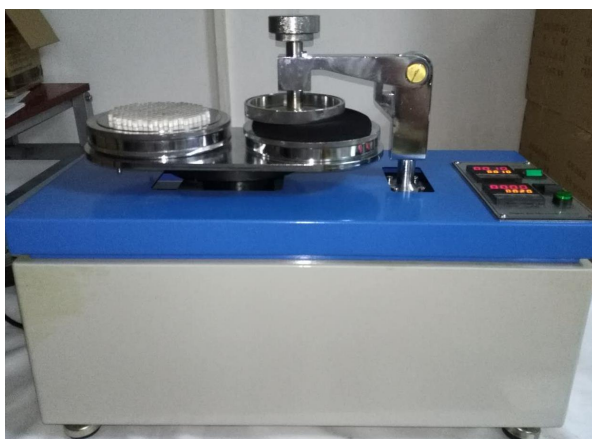
Burner diameter	11.0mm or 9.5mm
Burning time	12s or others
Burner angle	25 degree/90 degree
Dimension	330*340*960mm (L*W*H)
Weight	45kg
Flame altitude	1.5 inch
Burning gases	butane
Power	AC220V/50Hz, 2A
Net weight	45KG, Gross weight: 58KG
Plywood box size	74*46*106cm

Product Information

HTF-007 Fabric Pilling Tester

Use: To determine the pilling and fuzzing characteristics of textile fabrics. chemical fiber, blended, knitting, woven fabrics.

Standard : GB/T4802.1-2008, DIN 53863.2

**specifications**

Pilling trajectory	circular track of 40mm diameter
Brush with adjustable height	2~12mm
Chemical Fiber fabric	590cN
Combed wool fabric	780cN
Crude wool fabric	490cN
Specimen size	112.8mm with area 100cm ²
Rubbing times	1~9999
Rubbing speed	60 RPM
Power	AC220V 50Hz 60W
Dimension	540*250*345 mm (L*W*H)
Weight	35KG
Standard	GB/T4802.1-2008, DIN 53863.2
Accessories	power line 1pcs

Product Information

HTE-001 Suntest & Xenon Arc Testers

Use : The Suntest & Xenon Arc Testers is a powerful Xenon Instrument for conducting accelerated tests of light fastness and photo stability tests. It is designed as a tabletop unit with a microprocessor controller for simple operation.

Standard : AATCC TM16- Option 3



Xenon lamp:1500W

Energy display, measuring wavelength: 420nm

Record the xenon lamp elapsed time

controlled by microcomputer, The screen display more data.

Insolation area: 200*280mm

External 20L Water tank (Base type)

Power: 220V 50HZ

KVA: 4KW

Dimensions: 1080*700*950 mm (L*W*H)

Weight: 70Kg

Accessories: Specimen plate 1pcs, felt 1pcs, power line 1pcs

Product Information

HTY-012 Raw Cotton Impurity Analyzer

Use: Raw Cotton Trash Analyzer is used for testing the percentage of trash content of raw cotton, Cotton lap and all kinds of fiber (less than 65mm).

Standard : GB/T 6499

**specifications**

Cotton Feeding Roller	φ57.15mm ; 0.9rpm
Machine Breadth	490mm
Rotation Speed	1410rpm
Voltage	380V
Power	0.8 KW
Weight	220kg
External Dimensions	1019×715×875mm

Product Information

HTB-004 Horizontal Flammability Tester

Use: Horizontal Flammability Tester is used to test textile and material used in vehicles horizontal burning rate when exposure to a small flame.

Standard : ISO3795 / FMVSS302 / DIN75200 / SAEJ369 ASTM / D5132



Specification	
Text Chamber dimension:	381x 203 x 356mm
Specimens clamp	U valley
Frame:	330 x 50mm
Specimens:	356x100mm
Fire nozzle diameter:	9.5mm,
Fire nozzle angles:	90 Degree
Length:	100mm,come with adjustable hole.
Flame height:	38mm
Burning time:	15s
Outer dimension:	570*260*370mm (L*W*H)
Power:	AC220V 50Hz 3A

Product Information

HTY-003B Yarn Twist Tester

Use: Twist Tester, is used to get the coefficient of twist, which is a measurement of the level of twist of the yarn, suitable for testing single or plied yarn, equipped with auto stop & reverse for conventional or untwist/re-twist methods, makes yarn twist testing an easy task for textile testing labs or factories.

Standard : GB/T2543.1, GB/2543.2 ,ISO 2061 ,BS 2085 ,ASTM 1422/1423 , DIN 53832 , IWTO 25-70



东莞华科东尼仪器有限公司
Dongguan Hust Tony Instruments Co.,Ltd.

Specifications:

Three methods available to be selected by the operator:

1. Traditional "untwist/ retwist " methods
2. Direct " untwist" method
3. Untwist, retwist and double countercheck

Testing Length Range: 25mm, 50mm, 100mm, 250mm, 500mm

External Dimensions: 1080*275*216mm (L*W*H)

Power: AC 220V 50HZ

Product Information

HTY-010 Yarn count testing machine

Use: Wrap Reel Machine is to produce skeins of yarn of a pre-determined length and number of turns for count and strength testing

Standard :

ASTM D1907, ASTM D2260, BS 2010, DIN 53830,

ISO 2060, GB/T 4743, GB/T14343, GB/T6838



specification

Reel circumference	1000mm (metric system)
Rev of reel	30-250 RPM(stepless speed regulating)
Interval of spindle	60cm
Number of wrap	2-9999 Rev(pre-set)
Traveling reciprocating distance	35mm+/-0.5mm
Reeling pre-tension	0-100cN (pre-set)
Dimensions	780 x 660 x 480mm (L x W x H)
Weight	75kg

Product Information

HTF-001 Martindale Rotary Abrasion Tester

Use: Martindale Abrasion & Pilling Tester, is to determine the abrasion and pilling resistance of all kinds of textile structures. Samples are rubbed against known abrasives at low pressures and in continuously changing directions. The amount of abrasion or pilling is compared against standard parameters.

Standard :

EN ISO 12945-2, ISO 12947-1/2/3/4, ISO 20344, ASTM D4966, ASTM D4970, BS EN 388,BS EN 530,BS 3424,BS 5690, JIS L1096, DIN 53863,DIN 53865, SATRA TM31,IS 12673,IWSTM 112,IWSTM 196,IWTO 40-88,SFS 4328,NEXT 16,GMW 15651, ISO 5470-2,M&S 17,M&S 19,M&S 19C,NEXT 18,NEXT 18a,NEXT 18b,



Specifications:

Testing Heads:	4/6/8
Accumulate count:	1~99999 times
Relative velocity:	50 r / min
Pressurized material weight wear resistance test:	Clamps component $200 \pm 1g(1.96N)$
	Cloth sample hammer $395 \pm 2g$
	Furniture decorations specimen hammer $594 \pm 2g$
Pilling test:	Gripper assembly $155 \pm 1g$, heavy punch $260 \pm 1g$
Effective diameter of abrading table:	$\phi 121mm$
Effective friction diameter:	A) Wear resistance test: $\phi 28.8mm$
	B).Pilling performance test: $\phi 90 mm$
Display :	LED Display
Dimensions (L * W* H):	880*600*420mm
Power supply:	AC380V,180W
Accessories:	ballot sheet 1pcs, bowl shape specimen kit 1pcs,O-rings(4,6,8), Abrasion weights kit(4,6,8), Pilling weights kit(4,6,8), power line 1pcs
Optional purchase consumables:	wool fabric, felt, sponge, EMPA, scale, SM50 scales

Product Information

HTC-005 Sublimation Fastness Textile Testing Equipment

Use: The sublimation color fastness tester is used to determining color fastness to hot pressing and dry heat and to conducts sublimation testing. Provide controlled conditions of dry heat and pressure with top and bottom heated surface, electronic temp controller and carefully controlled top plate weight.

Standard : AATCC92.114.117.133 / BS 1006 / DIN 54022/54060 / ISO 105



Specification:

Counter	LCD, 1-999,999 times, automatically stops and warns
Temp. Range	120-180°C
Heating temp. control mode	Individual control for each top and bottom plate
Scorch/Sublimation Fastness Heating plate	tester-A 4 x 1.13inch (102 x 29mm)
	tester-B 5 x 5inch (125 x 125mm)
	tester-C 8.25 x 8.25inch (210 x 210mm)
Weight	20 Kg
Dimensions	350*300*230 mm (L*W*H)
Power	220/110 V 50/60 Hz 4 A

Product Information

HTL-003 Color Matching Cabinet

Use: Color Matching Cabinet, used for color matching or assessment of all industries and applications where there is a need to maintain color consistency and quality.

Standard : ISO3364 / ASTM D1729 / DIN / BSI / ANSI CIE



Light Source	Color viewing booths application	Color Temperature (k)	Power (W)
D65	International standard Artificial Daylight	6500	18
TL84	Applied to stores in Europe, Japan and China	4000	18
CWF	(Cool White Fluorescent) American Standard	4150	18
F/A	"Sun-setting Light Yellow" incandescent light source (imitation of sunset)	2700	40
UV	Viewing under ultraviolet light to detect and evaluate optical brighteners or fluorescent pigments	Wavelength: 365nm	20
U30	Warm White Fluorescent, American Standard	3000	18

Dimension: 710*420*570 mm(L*W*H)

Weight: 28Kg

Power: 220V/110V

Product Information

HTF-068 Water Vapour Permeability Tester

Use: Water Vapour Permeability Tester, to determine the resistance of textiles and textile composites to water vapour. Water vapour permeability tester complies with BS 3424/7209, etc.

Standard : BSEN 20344 6.6 Determination of water vapour permeability ,

**Specifications:**

Rotation Speed: 2rpm

Wet-Cup: 8 Pcs

Test time: adjustable

Timer: LCD, 0~9999 hour adjustable

Counter: adjustable, automatically stop

Power 220 V 50 Hz 3 A

Weight 30 Kg

Dimensions 440×530×330 mm(LxWxH)

Product Information

HTC -004A Color Fastness Rubbing Friction Testing Machine

Use: Use the friction test machine according to prescribed methods, make the sample and tested cotton lawn rubbing fabric to rub each other. Compare the stained cotton fabric and the grey scales of staining degree to judge the color fastness.

Standard :JIS L 0849 II, 0801,0823,,1006,1084,K6328,98136,JIS P-8136



specifications

Test station: 6

Test stroke: 120mm

Test Speed: 30±2r/min

Rubbing head pressure: 2N (200g)

Extra weight:300g

Rubbing locus distance : 100±1mm

Rubbing surface:R200 Curved Surface

Rubbing head: R45mm surface,approx 20mmX20mm contact area of 100mm²

The distance from the fixed axis center to rubbing finger center:110mm

Cotton cloth size:60mmx60mm

Counting display:LED display,0~99999

Power: 1 φ AC 220V 3A, 200W

Dimensions:330×550×350mm(L×W×H)

Weight: 45kg

Accessories: weights 6pcs, power line 1pcs

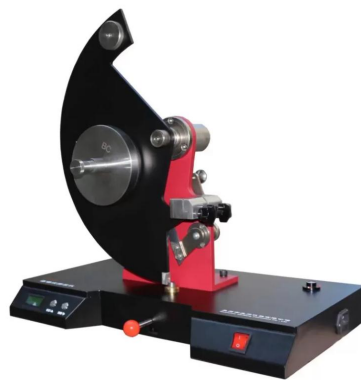
Optional purchase : SDC Cotton Lawn Rubbing Fabric, Grey Scales

Product Information

HTF-018 Elmendorf Tearing Tester

Use: Elmendorf Tearing Tester. To determine the ballistic tearing strength of textiles, paper or board. The instrument is used to test the tearing strength of woven fabric, light-weight nonwoven fabric and coated fabric etc

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



Specifications

Measurement range: A. 0~16N , B. 0~32N, C . 0~64N

Test accuracy: $\leq \pm 1$ Calibration

Sample Dimensions: 100 * 63 mm

Slash length: 20 \pm 0.2mm

Tearing length: 43mm

Dimensions: 400 * 210 * 395mm (L*W*H)

Weight: 30kg

Accessories: weights 2 pcs

Test for **Textile**: ASTM D 1424, DIN 53862, EN ISO 13937-1, ISO 4674-2, ISO 9290, M&S P29, NEXT 17, NF G07-149

Test for **Paper**: 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

Test for **Plastic**: ASTM D 1922, ISO 6383-2, JIS K 7128-2, NF T54 141

Test for **Non-woven fabrics**: ASTM D 5734, WSP 100.1

Product Information

HTF-011 Automatic Digital Fabric Hydrostatic Pressure Textile Tester

Use: Hydrostatic pressure tester, it is used to measure the water penetration resistance of fabrics under hydrostatic pressure

Standard : DIN 53886 /JIS L1092 GB/T 4744, ISO811、FZ/T 01005、AATCC 127



Testing mode:

- 1.Turbocharged method;
- 2.High pressure supercharge method;
- 3.High pressure constant method;
- 4.flexing resistance relaxation method;
- 5.leakage water method

Technical Parameters:

Measuring range: 500pa-200kpa (5-2000cmH₂O)

Resolution: 1 pa

Size: 70*50*90cm

Accuracy: 0.2%FS

Pressure speed: 50--2000mm/min (500pa-20kpa;5mbar-200mbar) step-less adjustable

Accuracy error: ≤ 1 mm

Specimen holder Pneumatic Grip Dimension: 100cm²

External dimension: 600×400×780mm(L×W×H)

Weight:50 kg

Power source: Ac 230V± 50HZ

Product Information

TW-227 45 Degree Flammability Tester

Use: 45 Degree Flammability Tester is applicable to test fabric flammability resistance by burning the fabric in 45 degree to know material flammability rating.

Standard : ASTM D1230, CA TB117(2000), 16 CFR -1610, CS 191-153, Fed Std 191A-5908, GB/T 14644, NFPA 702



specifications

Manual firing device, including sample holder and bush.

Spread time scope: 0-99.99s, Firing time: 1s or specified, resolution: 0.01s.

Igniter model: comply to ASTM D1230

Dimension: 400mm*300mm*500mm.

Weight: 28kg.

Power : 220V/50Hz, 2A

Product Information

HTC-003 AATCC 116 Rotary Crockmeter

Use: AATCC 116 Rotary Crockmeter is used to determine the colour fastness of textiles to dry or wet rubbing particularly for printer fabrics. Applies 1134 grams of pressure on a 16mm finger and rotate 1.125 turns clockwise then anti-clockwise.

The operating handle is however turned in one direction only.

Standard : AATCC 116



specifications

Crocking finger diameter: 16mm \pm 0.1

Dimension: 260*154*156mm(L*W*H)

Weight: 5.6 kg

Accessories

Sandpaper 2 pcs, clamping ring 2 pcs, weight 1pcs

Rotary Crockmeter Optional purchase consumables: Pre-cut Crocking Cloths, Grey Scales

Product Information

HTC-002 AATCC Electronic Crockmeter To Rubbing Fastness Tester

Use: This crockmeter is suitable to test fabric dyes and staining degree after rubbing other materials can be measured fabric dry / wet rubbing fastness.

Standard : JISL0849, GB/T3920-2008, 5712, 420; ISO105-X12, D02, AATCC8/165



Specification:

Friction head size	Round: $\Phi 16\text{mm}$ Square: $19 \times 25\text{mm}$
Reciprocating friction and the number of first stroke	$100\text{mm} \pm 1\text{mm}$
Friction head downward pressure	$9 \pm 0.8\text{N}$
Friction velocity	From one per second (60 ± 3 beats / min)
Test bed mat material thickness	$1 \sim 1.5\text{mm}$ (thin white consumption)
Maximum size and thickness of the sample	$220 \times 110 \times 5\text{mm}$
Crank rotation frequency	60 times / min
Scrub head	Standard brush
Net weight	22KG
Gross weight	approx 30KG

Product Information

HTX-005 Electronic Random Tumble Pilling Textile Tester

Use: Random Tumble Pilling Tester is determined for testing the peeling strength between sole and upper of a whole shoe or between outsole and medium bottom.



Test Chambers : 2

Size of cylinder Dia : 146×152mm

Speed : 1200/rpm

Dimension : 400 x390x 515mm(Lx Wx H)

Weight: about : 60kg

Power : 1 ϕ ,AC220V,3A

Test Chambers : 4

Size of cylinder Dia : 146×152mm

Speed : 1200/rpm

Dimension : 400 x660x 515mm(Lx Wx H)

Weight: about : 75 kg

Power : 1 ϕ ,AC220V,3A

Optional purchase consumables Air pump

Product Information

HTF-017 Touch Screen 120W Fabric Stiffness / Hardness / Rigidity Tester

Use: Fabric Stiffness Tester, to determining the bending height, flexural rigidity and bending modulus of fabric by simple procedures and calculation. Shirley Stiffness Tester complies with ASTM D1388, BS 3356, DIN 53362, etc

Standards: GB/T18318; ISO9073-7; ASTM D1388; BSEN22313



Technical parameters:

Angle: 41.5 degree, 43 degree, 45 degree

Extension elongation range: 5~200mm

Resolution: 0.1 mm

Measurement accuracy: 0.1 mm

Specimen size: 25×200 mm

Work platform size: 40×250mm

Specimen pressing plate: 25×200 mm

Move speed: 3~5mm/s

Dimension: 490×300×410mm(L×W×H)

Weight:20kg

Product Information

HTF-013B Downproof Fabric Drilling Tester

Use: Fabric drilling tester is used to test the drilling ability of winter wear, bedding bag, bedding, feather lining materials or fiber to drill through the fabric.

Standards:

GB/T14272-2011、GB/T12705-1、

BS12132-1



Specifications

clamp spacing: 44-75mm adjustable, eccentricity: 25 ± 0.5 mm

Rubbing test speed: 135 ± 2 r/min

sample dimension: sample (140 ± 5) mmX (420 ± 10) mm, sample mat 120mmX210mm

infilling: down feather, feather or the mixture

test cycles: 2700 revolution

counter: LED liquid crystal display 0~99999 cycles can be set

volume: (WxDxH) 560x285x250 (mm)

weight(about): ≈ 17 Kg

power: AC220V , 50/60Hz , 25W

Product Information

HTF-003 ICI Mace Snag Tester-2 heads

Use: ICI Mace Snag Tester. To rapidly determine the tendency of fabrics to snag, (pull yarn loops from the fabric) in normal wear. Complete with viewing cabinet and comparison photographs for different fabric constructions .

Standard :
ASTM D3939
GB/T11407



Specifications:

Balls diameter: 31.75mm
Drum speed: 60 \pm 2 rpm
Dimensions: 920x480x400 mm (LxWxH)
Weight : 106kg (234lb)

Accessories: brass bal 2pcs/4pcs, felt kit 2pcs/4pcs, power line 1pcs, scale

Product Information

HTF-066 Water Resistance Testing instrument

Use: This test method is applicable to any textile fabric, which may or may not have been given a water-resistant or water-repellent finish. It measures the resistance of fabrics to the penetration of water by impact, and thus can be used to predict the probable resistance of fabrics to rain penetration.

Standard: AATCC 42

Technical specification:

Spray head bottom to sample centre: 60cm

Water volume: 500ml

Spring clip width: 152mm

Sample angle: 45°

Clamp mass: 453.6g (1Lb)

Spray head: diameter 56mm, spray holes diameter: 1mm, 25 holes

Sample: 178x330cm

Dimension (WxDxH): 34x54x108cm

Weight: ≈18Kg



How Water Penetration Tester works?

1. Clamp one end of the specimen under 152mm spring clamp at the top of the inclined stand.
2. A standard blotter paper 152 x 230 mm is weighed to the nearest 0.1g and inserted beneath the test specimen.
3. Pour the distilled water into the funnel of tester and allow spraying onto the test specimen.
4. The water should be poured into the funnel without imparting any swirling motion of the water in the funnel.
5. Upon completion of the spraying period, the test specimen is carefully lifted, the blotter beneath removed, and then quickly reweighed to the nearest 0.1 g.

Product Information

HTF-010 Textile Spray Rating Tester AATCC 22 & ISO 4920

Use: Fabric Spray Rating Tester applies to determine the resistance of any fabrics, which may or may not have been given a water-repellent finish, to surface wetting by water. It is not intended to predict waterproofness, since it does not measure the penetration of water through fabric.

Standard: ISO4920 , BS EN 24920 , BS 3702 AATCC 22 , M&S P23 , NEXT 23



specifications

Glass funnel: $\phi 150 \times 150$ mm (volume approximately 500 ml)

Sample press release angle: 45°

Nozzle head to the sample center distance: 150mm

Water spray quantity: 250ML

Dimensions: 260 x 230 x 550mm

Weight: 6kg

Product Information

HTE-003 Ultraviolet Aging Tester

Use: The most widely practical weather resistance test machine, Simulated the sunlight, rain, dew damage on to the materials. These damages include: bleaching, discoloration, loss of light, powder, crack, turbidity, bubble-based, embrittlement, strength decline and oxidation.

Standards:

ASTM D4329, D499, D4587, D5208, G154, G53; ISO 4892-3, ISO 11507; EN534; EN 1062-4, BS 2782; JIS D0205; SAE J2020, GB/T14522-93



Specifications

Testing room size: 450*1170*500 mm (D*W*H)

Outside dimension: 1370mm*1350mm*530mm (L*W*H)

Centre distance between the lamp: 70mm

Wavelength range: UV-A 315~400nm

Irradiance: 1.1W / m² / 340nm (adjustable)

Temperature resolution: 0.1°C

temperature range of light: 50°C~70°C / tol. ±3°C

condensation temperature range: 40°C~60°C / tol. ±3°C

black panel thermometer measurement range: 30~80°C / tol. ±1°C

temperature control method: PID Automatic constant temperature control way

Humidity range: 45%~70% R.h

Product Information

HTF-012 Rain Tester for Textile Fabric

Use: Rain Tester is used 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)

Standards:

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



Specifications:

Specimen Dimensions	200 x200 mm
Blotting Paper Dimensions	152 x152 mm
Specimen Nip Space Between	165 mm
Specimen holder Dimensions	178×229 mm

Accessories:

water chamber 1pcs, specimen holder 1pcs,

AATCC Suction filter paper 500 x 1000 mm(20×40 inch)25pcs

Product Information

HTY-002 Micronaire Value Tester Wool Fiber Fineness Test instrument

Use:Wool Fiber Fineness tester/Micronaire value testers is used to test the fineness of the wool fibers or used for the cotton spinning industries, scientific research units to measure the cotton fibre degree of fineness.

Standard :

Standard Micronaire value tester ISO2403 BS3181 ASTM D1448

Wool Fiber Fineness tester(IWTO) ISO1136 BS3183 ASTM D1282A IWTO-6-90/28-89



specifications

Micronaire Value Measure	2.5~6.0
Trial Specimen Weight	5±0.1g
External Dimensions	280*160*560mm
Standard	Micronaire value tester ISO2403 BS3181 ASTM D1448
Wool Fiber Fineness tester(IWTO)	ISO1136 BS3183 ASTM D1282A IWTO-6-90/28-89
Accessories	Air pump, power line 1pcs

Product Information

HTY-001 Yarn Count System Skein Balance Textile Testing Instrument

Use: It is used to quickly determine the linear density of various yarns. Widely used in Textile enterprises, Research institutions, colleges etc. 7 textile unit conversion OZ, Tex, Ne, D, g/m², oz/ud². Can be set time, date, yarn blended code, sample length, automatic preserve 100 groups of test datas, Can be to delete arbitrary data or continue test.

Standard :

ISO2060/3801, BS 2010-2471, ASTM D1907/2646/3776, IWTO 22-82, IWSTM 13 BSENISO 2060



specifications

Model	HTY-001-110	HTY-001-210
Max.weighting	110g	210g
Accuracy	0.001g	
Dimension of pan	Φ130mm	
Output interface	RS232C	
Power	220V,5A	

Product Information

HTY-009 Electronic Single Yarn Strength Testing Instrument

Use: Electronic Single Yarn Strength Tester used for the test of the breaking strength and elongation at break of pure and blended yarns made of cotton, wool, ramie, silk chemical fibers as well as tungsten(molybdenum) filaments.

It does adopt CRE principle and automatically operated with pneumatic/magnetic clamp, provided with scales 0-5000cN force max.

Standard :

ISO2062 , ASTM D2256

specifications

Force scale	0-1000cN; 0-3000cN; 0-5000cN
Force division	0.5CN; 1CN; 1cN
Precision	$\leq 1\%$ F.S
Extention speed	50-1000mm/min (adjustable)
Reverting speed	50-1000mm/min (adjustable)
Extention scale	100mm,250mm,500mm (three selection)
Pretension	0~150cN (adustable)
Power	AC 220V \pm 10% 50Hz
Dimension	370*450*970(mm)
Weight	60kg



Product Information

HTY-007 Triboelectric Textile Testing Equipment GFZ/T01060

Use: Used to determine the static electricity properties of fabrics after triboelectrification.

Standard :

GFZ / T01060



Specifications:

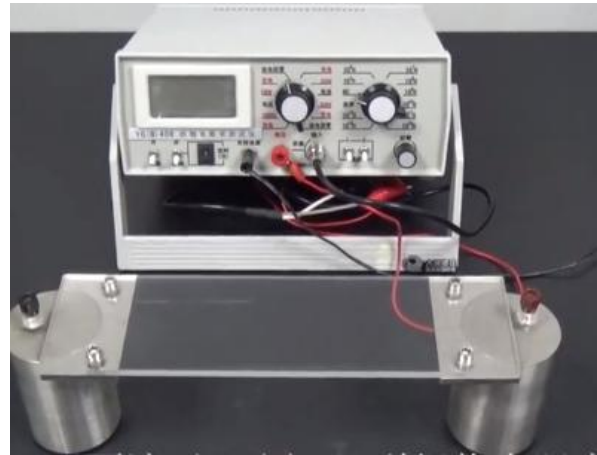
Test range of Charge	$\pm 0.001\mu\text{C} \sim 2\mu\text{C} (\pm 1 \times 10^{-9}\text{C} \sim \pm 2 \times 10^{-6}\text{C})$
Resolution	0.001Mc
Faraday Cylinder	Diameter 500mm, Height 1000mm
Roller inner diameter	$\geq 460\text{mm}$
Roller depth	$\geq 350\text{mm}$
Roller speed	50r/min
Roller Liner	Chinlon Standard Cloth
Air volume	2m ³ /min
Roller inner temperature	$60 \pm 10^\circ\text{C}$
Power	AC220V $\pm 10\%$
Dimension	Faraday Cylinder: 520 \times 1150mm(D \times H)
Roller Friction Machine	600 \times 560 \times 840mm(L \times W \times H)

Product Information

HTY-008 Anti-Static Fabric Electrical Resistance Tester

Use: it can determine the electro-static properties of various textile raw materials and made-up goods (including fiber, yarn, fabrics, carpet, decoration fabrics). It can also be used to measure the electro-static performances to other sheets (plates) such as paper, rubber, plastic, composite sheets and so on.

Standard : DIN54345-1, DIN ISO 1149 -1 And 2



specifications

- 1, Range: $0 \sim 2 \times 10^{16} \Omega$
- 2, Test voltage : DC100, 250V, 500 or 1000V
- 3, Operating environment :
temperature environment: 20 degrees C \pm 2 degrees C,
humidity: 35% \pm 10% RH in addition to the ground magnetic field, no electrical pulses,
sparks and other interference electromagnetic fields.
- 4, The instrument in a stable operating voltage and no signal input between 15-105 seconds zero drift is less than $\pm 5\%$
- 5, The instrument on the standard resistance measurement of the basic error: $\leq \pm 10\%$
- 6, Power supply: DC 8.5 to 12.5V (8 batteries No. 1), or external power supply
- 7, Form factor: 600 \times 260 \times 360 mm (L \times B \times H)
- 8, Weight: 16kg

Product Information

HTC-005 Taber Abrasion Tester Machine

Use: Taber Abrasion Tester (Taber Abraser). To determine the wear resistance of all kinds of structures including fabrics, leather and rubber, paper, metals, paints, plated surfaces, coated materials, glass, etc.

Standard :

DIN-53754,53799,53109,52347,

TAPPI-T476,

ASTM-D1044,D3884,

ISO-5470



specifications

Specimen:O.D.:110mm,I.D:6mm

Abrasion wheel:φ2"(MAX .45mm)1/2"(W)

Abrasion wheel center distance: 63.5mm

Abrasion wheel specimens with disc center spacing: 37~38mm

rotating speed: 60r/min

Loading: 250g,500g,750g,1000g

Counter:LCD,0~999999

Specimens and dust collection mouth distance: 3mm

Dimension: 530×320×300mm(L×W×H)

Weight: 18kg (no include vacuum cleaner)

Power: 1 φ ,AC220V,50HZ

Product Information

HTC-007-A Rotawash Colorfastness Tester– 4(AATCC)+4(ISO)

Use: This **rotawash color fastness test machine** is used for conducting wash fastness testing, dyeing, dry cleaning, colorfastness to fulling, detergency and other tests at temperatures up to **95 celsius degree** and suitable for all kinds of color textile.

Standard :

M&S C4, C4A, 5, 37, C49, P3B ,

ISO 105 C06 ,

IWST7, 115, 177, 193, 199, 240, 241 ,

AATCC 2 , 3, 28 , 61, 62, 86, 132 ; BS 1006,

JIS L0884.



Put the tested specimen, steel ball and detergent together into the test cup. Scroll through the spindle to make friction between the sample and steel ball.

After specified time, take out the specimen and dry, compare to the standard color assessment card. According to the sample's color change to evaluate the color fastness.

Techniques:

- a) Rev: 40 ± 2 /rpm (Constant speed)
- b) Large steel cup capacity: 1200ml* 4 nos
- c) Small steel cup capacity: 550ml* 4 nos
- d) Steel balls: 6mm*500nos
- e) dimension : 1120*600*1130mm(W*D*H)
- f) weight :120KG
- g) Power: 380V/10A

Standard accessories:

1200ml Washing tank 4 pcs(AATCC)
500+50ml Washing tank 4 pcs(ISO)
Dia.6mm stainless ball 500 pcs
Washpot(pack of 20)

Consumables **need to purchase**: Grey Scales, Standard detergent, Standard Soap powder, Standard fiber cloth.

Controls: PLC control and Touch screen display of temperature, time, rate of increase of temperature,
water level and rotations of containers.

Interface: Touch screen with built-in programs for common standards such as ISO, AATCC and GB.

Provision of developing and saving newer standards

Product Information

HTC-007-B Rotawash ColorFastness Tester– 6(AATCC)+6(ISO)

Use: This **rotawash color fastness test machine** is used for conducting wash fastness testing, dyeing, dry cleaning, colorfastness to fulling, detergency and other tests at temperatures up to **95 celsius degree** and suitable for all kinds of color textile.

Standard :

M&S C4, C4A, 5, 37, C49, P3B ,

ISO 105 C06 ,

IWST7, 115, 177, 193, 199, 240, 241 ,

AATCC 2 , 3, 28 , 61, 62, 86, 132 ; BS 1006,

JIS L0884.



Put the tested specimen, steel ball and detergent together into the test cup. Scroll through the spindle to make friction between the sample and steel ball.

After specified time, take out the specimen and dry, compare to the standard color assessment card. According to the sample's color change to evaluate the color fastness.

Techniques:

- a) Rev: 40 ± 2 /rpm (Constant speed)
- b) Large steel cup capacity: 1200ml*6nos
- c) Small steel cup capacity: 550ml*6nos
- d) Steel balls: 6mm*500nos
- e) dimension : 1120*600*1130mm(W*D*H)
- f) weight :120KG
- g) Power: 380V/10A

Standard accessories:

1200ml Washing tank 6pcs(AATCC)
500+50ml Washing tank 6pcs(ISO)
Dia.6mm stainless ball 500 pcs
Washpot(pack of 20)

Consumables **need to purchase**: Grey Scales, Standard detergent, Standard Soap powder, Standard fiber cloth.

Controls: PLC control and Touch screen display of temperature, time, rate of increase of temperature, water level and rotations of containers.

Interface: Touch screen with built-in programs for common standards such as ISO, AATCC and GB.
Provision of developing and saving newer standards

Product Information

HTC-007-C Rotawash Color Fastness Instrument– 8(AATCC)+8(ISO)

Use: This **rotawash color fastness test machine** is used for conducting wash fastness testing, dyeing, dry cleaning, colorfastness to fulling, detergency and other tests at temperatures up to **95 celsius degree** and suitable for all kinds of color textile.

Standard :

M&S C4, C4A, 5, 37, C49, P3B ,

ISO 105 C06 ,

IWST7, 115, 177, 193, 199, 240, 241 ,

AATCC 2 , 3, 28 , 61, 62, 86, 132 ; BS 1006,

JIS L0884.



Put the tested specimen, steel ball and detergent together into the test cup. Scroll through the spindle to make friction between the sample and steel ball.

After specified time, take out the specimen and dry, compare to the standard color assessment card. According to the sample's color change to evaluate the color fastness.

Techniques:

- a) Rev: 40 ± 2 /rpm (Constant speed)
- b) Large steel cup capacity: 1200ml*8nos
- c) Small steel cup capacity: 550ml*8nos
- d) Steel balls: 6mm*500nos
- e) dimension : 1120*600*1130mm(W*D*H)
- f) weight :120KG
- g) Power: 380V/10A

Standard accessories:

1200ml Washing tank 8pcs(AATCC)
500+50ml Washing tank 8pcs(ISO)
Dia.6mm stainless ball 500 pcs
Washpot(pack of 20)

Consumables **need to purchase**: Grey Scales, Standard detergent, Standard Soap powder, Standard fiber cloth.

Controls: PLC control and Touch screen display of temperature, time, rate of increase of temperature, water level and rotations of containers.

Interface: Touch screen with built-in programs for common standards such as ISO, AATCC and GB.
Provision of developing and saving newer standards

Product Information

TF-089D Fully automatic shrinkage wash machine with ISO 6330

Use: For a variety of cotton, wool, hemp, silk, chemical fiber fabrics, clothing or other textiles after washing Shrinkage and relaxation test.

Standard : FZ/T70009、ISO5077/6330、IWS TM31、BS 4923、 EN25077/26330、JIS L1909、Marks and Spencer

**Technical parameters:**

- 1, category: Type A washing machine - front door feeding, horizontal drum type
- 2, rated loading **capacity: 5 kg**
- 3, inner diameter: (52.0 ± 0.1) cm
- 4, inner depth: (31.5 ± 0.1) cm
- 5, outer drum internal diameter: (55.4 ± 0.1) cm
- 6, rotation action: Normal ,softness and moderation
- 7, speed: washing 52r/min, dehydrated speed 500r/min;
- 8, drainage rate: >30L/min
- 9, water level detection: 2st 10cm and 13cm
- 10, temperature detection: temperature sensor, digital set range: room temperature $-99^{\circ}\text{C} \pm 1^{\circ}\text{C}$, resolution 0.1 $^{\circ}\text{C}$
- 11, a total of 13 sets of standard procedures and 3 sets of self-editing programs for customers to choose from.
- 12, heating power: $5.0 \pm 2\%$ KW
- 13, form factor: 750×700 ×1200mm (L×W×H)
- 14, power : three-phase four-wire system 380V**
- 15, weight: 250Kg

Features:

- 1, inside and outside pure stainless steel production, processing technology is excellent, never rust.
- 2, oversized LCD blue screen display
- 3, built-in 13 sets of automatic washing process, and support personalized programming, to provide self-programming storage.
- 4, suspended bile barrel structure, no need to install the foot.
- 5, three-phase four-wire 380v power supply, heating speed, more smooth operation.
- 6, the use of electrode-type water level meter for the water level fixed point accurate detection.
- 7, equipped with electronic lock safety device, after the test can be opened 30 seconds sample door.

Product Information

HTF-027 Penetration Test instrument

Use: Medical protective clothing made of test fabrics, nonwovens and other materials is resistant to synthetic blood penetration at different levels of test pressure.-Protective clothing blood penetration tester

Standard: GB19082; ISO16603; **ASTM F1670 &1671**; YY/T0700



Technical indicators:

1. Measuring pressure points: 0kPa; 1.75kPa;3.5kPa;7kPa;14kPa;20kPa;
2. Pressurized mode: automatic adjustment;
3. Timing range: 0 to 99.99min;
4. Sample size: 75mm×75mm;
5. Pressure area: 28.27cm²;
6. Blocking net: 304 stainless steel, 50% ≥ open space, bent at 14kPa≤5mm;
7. Clamp torque: 13.5N.m;
- 8 Gas source: ≥0.4kg/cm²;
9. Power source: AC220V±10% 50HZ;
10. Function: 250W;
11. Net weight: 530×250×650mm;
12. Form factor: 15Kg.

Features:

1. The use of 7 inch industrial color LCD touch screen, Chinese and English menu;
2. The pressure point pressure method is fully automatically adjusted to ensure the accuracy of the test.
3. Special stainless steel penetration test groove to ensure that the specimen is firmly clamped, and to prevent synthetic blood splashing around;
4. The use of imported pressure sensors, accurate data, high measurement accuracy.

Product Information

Laboratory Multi-type Air Dry Oven 200℃ and 250℃

Use: It's applicable in industrial and mining enterprises, research institutes, medical and health units for drying, Provided for desiccation, torrefaction, wax-melting and sterilization in mining industry, laboratories and scientific research institutes.



Feature

1. 304 stainless steel, mirror polishing processing, easy to clean and maintain.
2. PID controller with over temperature alarm and timing function ensures precise and reliable control.
3. Air circulation system with specific air flow channel ensures a good temperature uniformity performance.
4. Silicon door gasket with long lifetime, and easy to change.
5. A damper adjustment in the front ensures the gas convection enough in working chamber.

Specifications:

Model	HTE-005-30	HTE-005-80	HTE-005-136	HTE-005-220	HTE-005-420	HTE-005-620	HTE-005-1000
Power Supply	AC 220V 50HZ				AC 380V 50HZ		
Temp Range	RT+10~200℃/ RT+10~250℃						
Temp Fluctuation	±1.0℃						
Temp resolution	0.1℃						
Environment temp	+5~40℃						
Input Power	850W	1550W	2050W	2450W	3100W	4000W	6000W
Volume	30L	80L	136L	220L	420L	620L	1000L
Working room dimension (mm) W*D*H	340*320*320	450*400*450	550*450*550	600*500*750	640*585*1355	840*600*1355	1000*600*1600
External dimensions (mm) W*D*H	620*530*490	740*618*630	840*670*730	880*720*930	780*750*1880	980*800*1880	1140*800*2150
Carrier tray (standard)	2				3	4	4
Timing range	1~9999min						

Product Information

HTZ 008 - Textile Mullen Bursting Strength Testing Equipment

Use: Used for testing the expanded force and expanded degree of fabrics, non-woven fabrics, leather, ect. When these materials are under force in all directions at the same time (elastic diaphragm method).

standard

GB/T 7742 , ISO 13938.1 , FZ/T 60019 , FZ/T 01030, ASTM D3786 , BS 4768

WOOLMARK TM 29 WSP 30.1, JIS L 1018.6.17



50cm² test component



7.3cm² test component



diaphragm

Application:

Plastics: Food packaging, bin liners, sacks and various plastic products

Medical: Organ patches, hernia patches, wound dressings, animal skin

Paper: Kitchen paper, Toilet tissue, Other paper products

Nonwovens: Wet wipes, surgical gowns/masks

Textiles: Knitted and woven apparel, Technical textiles

Feature

- 1, adopt hydraulic method apply to new international standard multi test grip can change
- 2, touchscreen, easy to operate
- 3, pneumatic clamp sample
- 4, test cover is High transparent organic glass, LED light inside, easy to see test
- 5, auto inductive burst system
- 6, max textured strength reach 75mm
- 7, AC servo drive, low running noise, debugging range wide, wide application
- 8, adopt high speed AD and processor, sample frequency, high test accuracy
- 9, four test method
- 10, save and print function, support online operation

Parameter

- 1, test range full range 1%-100%

No.	-2	-10
range	2.00Mpa	10.00Mpa
Min division value	0.001Mpa	0.003Mpa

- 2, The elastic diaphragm thickness: $\leq 2\text{mm}$
- 3, test area: 7.3 cm^2 dia30.5mm, 10 cm^2 dia35.7mm, 50 cm^2 dia79.8mm, 100 cm^2 dia112.8mm(optional)
- 4, max textured strength: $75 \pm 0.02\text{mm}$
- 5, rate of pressurization: 20-600ml/min
- 6, test method: constant speed burst, constant pressure, constant expansion ratio, timing
- 7, test units: kpa, kgf/cm², mmHg, lb/in² free transform
- 8, output: printout, display output, support online
- 9, power: AC20V 50Hz 200W
- 10, dimension: 550×450×700mm
- 11, weight: 125Kg

Product Information

HTP-050 Touch Screen Fabric & Paper Bursting Strength Testing Machine

Use: Automatic Rupture Strength Tester tester applied to test the anti-breaking strength of boxes for packaging, which of electronics, electrical appliances, wires, hardware, bicycles, handbags, food, footwear, clothing, furniture.etc.

standards

JIS-L1004,L1018,L1031,K6328,P8131,P8112,
ASTM-D2210,
TAPPI T403,
ISO2759-2001,
GB/T1539



Technical parameters

Item	Paperboard bursting test equipment strength tester machine
Size	445*425*525mm
Weight	70Kg
Measuring range	250-5600 Kpa
Accuracy	±0.5%
Clamping ring material	Stainless Steel
Warranty	12 months

Features

Large Color Touch Screen Controller

Equipped with printer. Print the test result immediately.

Clamping ring material is stainless steel. Durable, fine mechanical property, green product and corrosion resistance are much better than other material.

The structure is specially designed and high precision of test results.

The equipment is easy and quick operations.

Product Information

HTF-002 ICI Mace Pilling Tester--2 heads

Use: ICI Mace Pilling Tester drive system with 2 heads to rapidly replicate pilling on fabrics in a fraction of the time due to normal wear.

ICI pilling tester can measure knit fabrics and knitted fabrics, it fully complies with BS 5811 measuring anti-pilling and fabric appearance of changing requirements.

Standard:

BS5811, ASTM D3939, IWSTM152, JIS L 1076,
MAS P18A,
ISO12945-1



ICI pilling tester can measure knit fabrics and knitted fabrics, it fully complies with BS 5811 measuring

anti-pilling and fabric appearance of changing requirements, as well as EN ISO/DIS 12945-1 measuring

anti-pilling and fabric appearance change part pilling box approach.

Main technical parameters:

Control: PLC touch screen

Pilling drum: 2 heads

Sample size: 125*125 (mm)

Speed: 60±2 r.p.m

Sample Tubes (for ICI Pilling): outer diameter 31.5±1mm, thickness of 3.2 ±0.5mm, length of

140±1mm, weight of 52.25±1g

Cork Linings (for ICI Pilling Box): thickness 3.2mm

Weight: approx 55 Kg

Power: 220V, 3A

Accessories: PVC belt, sample install fixture, power line 1pc

Optional purchase: cork liner, sample tubes, Pilling Photographs, Universal Pilling Assessment Viewer

Product Information

HTF-002B ICI Mace Pilling Tester With 4 Heads--PLC control

Use: Used for testing the expanded force and expanded degree of fabrics, non-woven fabrics, leather, etc. When these materials are under force in all directions at the same

**Main technical parameters:**

Control: PLC touch screen

Pilling drum: 4 heads

Sample size: 125*125(mm)

Speed: 60±2 r.p.m

Sample Tubes (for ICI Pilling): outer diameter 31.5±1mm, thickness of 3.2 ±0.5mm, length of 140±1mm, weight of 52.25±1g

Cork Linings (for ICI Pilling Box): thickness 3.2mm

Weight: approx 65 Kg

Power: 220V,3A

Accessories: PVC belt , sample install fixture ,power cable 1pcs

Optional purchase: cork liner, sample tubes, Pilling Photographs, Universal Pilling Assessment Viewer

Product Information**HTP-001 Single-Arm Tensile Tester -- Benchtop type**

Use: This machine can widely apply to a variety of different textile materials and



Other model for option:



HTP-001A Big LCD Control Screen



HTP-001B Computer Control with extensometer

Parameters:

Other model for option: HTP-001A Big LCD Control Screen / HTP-001B Computer Control with extensometer

Capacity : 200KG (2,5,10,20,50,100,200kg for option)

Load accuracy: $\pm 0.5\%$ of value

Display : LCD English version, touch key

Units : Kg, lb, N

Data sampling frequency : 200times/sec

Load solution: $1/\pm 25000$ of max loa

Load sensor : Pull and press sensor(max load)

effective test width : 150mm

Max stroke : 1000mm (650mm /800mm for option)

Test speed: 50-300mm/min stepless speed and 5 steps constant speed

Displacement accuracy : $\pm 0.5\%$

Breakpoint ratio : 0~99%, users could set the right breakpoint time according to different test materials

Safety device : Up and down stroke limit device

Overload protection: If 10% over than max load, machine will automatic stop for protection

Result print : Built in Micro thermal printer

Grip : tensile fixture 1 set

Machine Size : 450×500×1400mm

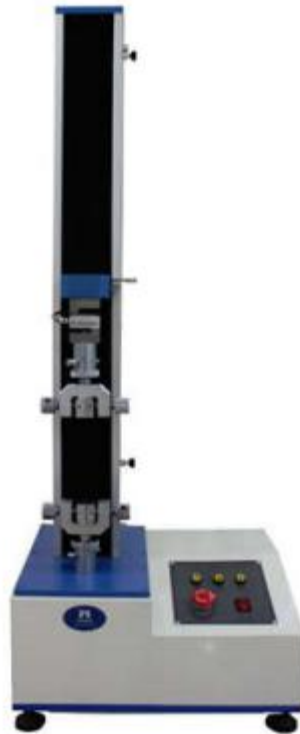
Machine weight: Approx 60 Kg

Power : 220V/50Hz

Product Information

Htp-002 Single Arm Computer Servo Tensile Strength Tester (exclude computer)

Use: It's applicable in industrial and mining enterprises, research institutes, medical and health units for drying, Provided for desiccation, torrefaction, wax-melting and

**Specification:**

Capacity : 200KG (2,5,10,20,50,100,200kg for option)

Effective load range: 0.4% ~ 100%

Load accuracy: $\pm 0.5\%$ of value

Display: Computer Test Software

Units : Kg,lb,N

Data sampling frequency : 200times/sec

Load solution : $1/\pm 250000$ of max load

Load sensor : Pull and press sensor(max load)

effective test width : 150mm

Effective stroke: 500mm

Test speed : 50-500mm/min

Displacement accuracy : $\pm 0.5\%$

Returning function : Manual or automatic two option, after test the up fixture will return to the

initial position

Safety device : electronic process for limit procession

<https://www.tonyhk.hk/>

Overload protection : If 10% over than max load, machine will automatic stop for protection

Result print : Outside printer that connect to computer

Grip : tensile fixture 1 set

Machine Size : 420×350×1520mm

Machine weight : Approx 50 Kg

Power : 220V±10% 0.2KW/0.4KW

Standard accessories:

Tensile strength fixtures 1 set,

Computer test software 1 set,

English manual book 1 pcs

Net weight : 50KG, Gross weight: 65KG; Plywood box size: 50*45*160cm

Grips:

1) Tensile strength Test



2) Tear strength Test



3) Resistance to seam slippage Test:

