

GT-AB19 Ring Spinning Tester

Ring spinning tester is used to spin roving to be spun yarn through drafting and ring spinning.



GT-AB20 Cotton Carding Machine

Adding the cotton fiber, carding, then the sliver has been output.



GT-AB21A Textile Drawing Frame Machine

The sliver from Cotton Carding Machine is being in a hook state. This machine is straighten the fiber and drawing to improve the evenness of fiber. The drafting system is three-up and three-down.



GT-AB21B Colored Textile Drawing Frame Machine

This machine build 4 groups independent sliver feed head, be arranged by left and right. 4 groups will be fed different colorful sliver, and it can get different changeable colorful sliver according to special design and requirements. The color change can be set free.



GT-AB22 Fiber Opening Machine for Cotton Wool

loosing the raw cotton, make it become the filament and remove the impurities.



GT-AB23 Lab Roving Machine

It is used to spin cotton sliver to be roving through drafting and flyer spinning.



GT-AB24 Cotton Fancy Yarn Twister

This machine is designed for fancy yarn twisting on cotton loop yarn, TT yarn, slub yarn, color change yarn and other yarns.



GT-AB24-12 Cotton Fancy Yarn Twister

Three-roller drafting mechanism, two sets of roving feeding can be alternately changed. Composite hollow ingot structure, false twisting spindle and main hollow spindles separately. Effectively improve the false twisting efficiency, and can be high-speed spinning without twisting.



GT-AB25 Friction Spinning Machine

The sliver / roving is combed to form a single fiber by the carding roller. The sliver is conveyed to the friction roller twist area by centrifugal airflow. Under the action of negative pressure, the carding rollers full of small holes are rotated at a high speed, and to spinning by friction twist.



GT-AB26 Lab Yarn Doubling and Twisting Machine

Lab doubling and twisting machine is used to twist two plied yarns into one folded yarn through ring spinning and twisting.



GT-AB27 Combing Machine Small Prototype

Due to the output from Draw Frame including short fibers, remove short fibers by comb again.



GT-AB28 Carding Combined Small Prototype

The raw cotton through opening and picking machine into the carding machine after being opened, then the cotton layer is further opened and mixed by the carding machine, then making the crimped cotton mass into the single fiber state. Drawn into a strip by drafting, and put into the sliver can well-regulated. Its for the next process.



GT-AB29 Cotton Fancy Spinning Machine

Equipped with core roller, the front/ middle/ back rollers drive independently, two groups of rovings feeding. Through changing draft ratio and yarn twist, forming spinning color and structure changed fancy yarns.



GT-AB30 Rotor Spinner

Spinning cotton sliver into OE yarn directly.



GT-AB31 Air Jet Spinning Machine

This machine drafting the fiber strand into yarn and twisting them into yarn. The yarn was collected by the groove drum. The machine is equipped with 3 rollers double aprons and the spinning draft system.



GT-AB32 Compact Spinning Sample Weaving Machine

This machine spins the rough yarn into spun yarn by drafting and ring spinning. It equipped with compact spinning equipment.



GT-AB33 Winding Machine Small Prototype

Wind the yarn into cheese by the groove drum.



GT-AB34 Color Gilling Machine

The basic function of this machine is the same as the normal Gilling Machine. The special function: 4 independent drafts feed the different colors' wool top into the mechanis in mnumerical order. Under the basic function, it can combine the color wool top together according to the design requirements. The length of color and the length of transition area is setable.



GT-A01 Single-Yarn Strength Tester

To determine the breaking load and extension of single yarns up to 5000 centigrams force. Electronically operated with mechanical action, provided with scales 0-500cg force and 0-5000cg force, extension scale graduated in mm and percentage of standard test length (500mm).

Standards

SISO2062, ASTM D2256, GB/T14344, GB/T3916



GT-A02A Electronic Single Yarn Strength Tester

To test the breaking strength and elongation percentage of various cotton, wool, linen, silk, chemical fiber, core-spun single yarn, pure or blending natural or chemical fiber yarns.

Standards

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



GT-A02B Table Single-Yarn Strength Tester

Test of yarn breaking strength, rupture elongation and elongation at break.



GT-A03 Chemical Fiber Filament Electronic Strength Tester

It is used to test the dynamic waterproof performance of different kinds of finished shoes.

Standards

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



GT-A04 Electronic Skein Strength Testing Machine

Used to measure strength of various skein. It also can test breaking, extending, tearing, peeling and bursting of other fabric according to user demand. This machine has multi-purpose.

Standards

ISO6939



GT-A05 Automatic Single Yarn & Filament Strength Tester

To test the physical index of the single yarn and filament, such as the breaking strength, breaking elongation, breaking load, breaking time and tenacity elongation curve. The computer collect, calculate and output the data automatically.

Standards

GB/T 3916, GB/T 14344-2003, ISO2062,

DIN 51221/53834, ASTM D76, D2256



GT-A06 Wrap Reel Electronic

To produce skeins of yarn of a pre-determined length and number of turns for count and/or strength testing. Complete with yarn package stand and pre-tension device, fitted with pre-determined counter.

Standards

ISO 2060, ASTM D1907, GB/T4743, GB/T6838

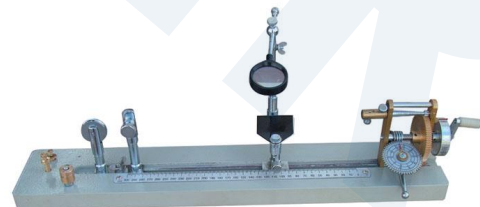


GT-A07 Manual Twist Tester

Used for testing the twist of roving.

Standards

GB/T2543.1, ISO2061



GT-A08 Twist Tester Electronic

To determine yarn twist in single or plyed yarns, quadrant type with auto stop & reverse for conventional or untwist/re-twist methods. Test length adjustable up to 50cm/20 inches for S & Z twist yarns.

Standards

GB/T2543.1.2, 14345, ISO2061,

BS2085, ASTM D1422,1423, JISL1095



GT-A09 Yarn Examining Machine

Yarn Examining Machine applies to assess the evenness, hairiness, neps and other imperfections in a representative sample of various yarn wound at a pre-determined yarn density onto a quadrate/ tapered black board.

Standards

ASTM D2255, GB/T996, 398, 5324;
FZ/T32004,32005



GT-A09B Yarn Examining Machine

The tester is used for reeling the cotton, man-made fiber and blending yarn to measure the show board regularity and appearance quality.

Standards

ASTM D2255



GT-A10 Sliver and Roving Reel

Used for reeling set length's sliver and roving to test whose weight and weight unevenness. With precision cutter, digital counter.

Standards

ISO 2060-1994, GB/T 4743-1995



GT-A10B Sliver and Roving Length Meter

Used for making cotton, wool and spun silk yarn into sliver and roving with a certain length in order to measure its evenness.

Standards

ISO 2060, GB/T 4743



GT-A12 Sliver and Roving Evenness Tester

To determine the degree and cause of unevenness in the yarn, roving and sliver and to provide various statistical representations for the results. Identification of cause of unevenness leads to rectification of back process in the spinning mills there by leading to improved quality of final package and reducing wastage.



GT-A13 Yarn Hairiness Tester

This instrument was used to determine indicators of yarn hairiness special instrument, in line with the textile industry in 2000 promulgated a new standard: Yarn hairiness determination -P rojection counting FZ/TO1089-2000. The instrument uses light, mechanical, electrical integration, design, set the length of hairiness, high precision, Yarn yarn stability of walking stable, the computer auto-detection, correction, display and statistics, hairiness test data stability.



GT-A14C Chemical Filament Evenness Tester

It's used to test linear density unevenness and corresponding structure character of filament. It's significant to quality testing, quality following and quality improving of fiber. It's an essential precise instrument of textile industry.



GT-A14E Yarn and Sliver Evenness Tester

Yarn Evenness Tester is based on the platform of virtual instrument structure. Its a versatile and high performance testing instrument for the textile laboratory. It can be used to test evenness of yarns, roving, slivers which are spun with cotton, wool, flax and short synthetic fiber. It is very important for improving and assuring quality of yarns.



GT-A14EH Yarn and Sliver Evenness Tester

Yarn Evenness Tester is based on the platform of virtual instrument structure. Its a versatile and high performance testing instrument for the textile laboratory. It can be used to test evenness of yarns, roving, slivers which are spun with cotton, wool, flax and short synthetic fiber. It is very important for improving and assuring quality of yarns.



GT-A14HD Automatic Yarn and Sliver Evenness Tester

Yarn Evenness Tester is based on the platform of virtual instrument structure. Its a versatile and high performance testing instrument for the textile laboratory. It can be used to test evenness of yarns, roving, slivers which are spun with cotton, wool, flax and short synthetic fiber. It is very important for improving and assuring quality of yarns.



GT-A15 Multipurpose Yarn Humidity Meter

Used for testing the regain percentage of various of vari-our textile material, such as cheese, shein, sliver and fabric.



GT-A16 Yarn Color Chart Winder

Used for winding the yarn, various synthesize material and other material of suit to wind etc., on to a paper tape. This product is newest design for winding various sample cards. It is especially suitable for domain listed below: Sample cards, whiteness test, ultraviolet ray resist test, sample standardization, color compare, color chart etc.



GT-A17 Electronic Yarn Count System

Used for testing the linear density of various yarn quickly, can setup yarn length, and weigh yarn and sliver automatically, calculate and print AV, CV%, etc. And can save 100 data and also can delete and test again after test that have already been done.



Standards

ISO2060/3801, BS 2010-2471

GT-A18 Digital Tension Meter

The product is especially used for testing dynamic tensile force of flexibility line material. It has digital display devices and adjustable devices for clamping yarn. It can be taken with you.



GT-A32 Yarn Friction Tester

It is suitable for measuring the static friction coefficient and kinetic friction coefficient of filament yarn with different solid materials. Computer automatically calculate the friction coefficient with input tension and output tension value by using formula.



GT-A34 Yarn Length Tester

It is mainly applied to the determination of wool woven fabrics, knitted wool and yarn before weaving length for calculating its density and braided line density factor.

Standards

GB8679, GB8681, BS 5441:1988



GT-A35 Course Length Tester

Hanging the weights on the yarn specimen, to eliminate the curl of yarn in the knitting process by the tension of the weights, then to measure the whole length of yarn specimen.

Standards

GB/T 8689, BS 5441, IWSTM 31



GT-A37 Semi-automatic Ventilate Quick Constant Tem. Oven

This machine is designed for testing moisture regain on cotton, fur, fiber, silk, chemical fiber and other textile & finished products quickly.

Standards

GB/T9995-1997; ISO2060/6741; ASTM D2654



GT-A38 Full-automation Ventilated Fast Constant Tem. Oven

It is used for rapidly testing the moisture content and moisture regain of cotton, wool, silk, chemical fiber and other textile products.

Standards

GB/T9995-1997, ISO2060/6741, ASTM D2654



GT-A39 Yarn Fault Classifying System Of Textile Instrument



GT-B01 Electronic Single Fiber Strength Tester

Electronic Single Fiber Strength Tester is used for test of tensile strength of various chemical fiber,cotton yarn,wool,silk,linen and glass fiber.

Standards

ISO5079, ISO11566, GB/T997, GB/T14337, DIN 53816



GT-B02-1 Electronic Fiber Tensile Strength Testing Machine (Single Column)

Electronic Fiber Tensile Strength Testing Machine (Single Column) can be applied to test lots of materials in breaking tenacity, elongation at break, load at specified elongation, elongation at specified load and creep test, such as natural fiber, chemical fiber, metal wire, hair, carbon fiber and other materials.

Standards

GB/T14337, 14344, 9997, 13835.5,
ISO 5079, 11566, ASTM D 3822, BS 4029



GT-B02-2 Electronic Fiber Tensile Strength Testing Machine (Single Column)

Electronic Fiber Tensile Strength Testing Machine (Single Column) can be applied to test lots of materials in breaking tenacity, elongation at break, load at specified elongation, elongation at specified load and creep test, such as natural fiber, chemical fiber, metal wire, hair, carbon fiber and other materials.

Standards

GB/T14337, 9997, 13835.5,
ISO 5079, 11566, ASTM D 3822, BS 4029

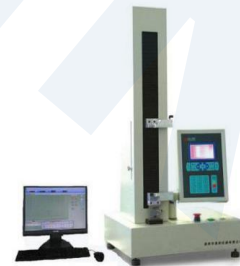


GT-B03 Plush Bundle Fiber Strength Tester

The Plush bundle fiber strength tester is used to test the beam breaking force of wool, cony hair, cotton fibre, plant fiber and chemical fiber.

Standards

GB/T12411, ISO3060, GB/T6101, IWTO-32



GT-B05 Quick Fiber Oil Extractor

Used for quick oil extract form all kinds of fiber and the test of oil length of a specimen.

Standards

GB6504, GB6977, ASTM-D-2257



GT-B06 Raw Cotton Moisture Content Determination

To quickly measure the moisture regain of raw cotton. It is widely used in the cotton purchase, processing sector, cotton factory and textile fiber inspections.



GT-B06-3 Microcomputer Raw Cotton Moisture Regain Tester

It is used to do the test of raw cotton moisture regain, which is the upgraded product of GT-B06-1/2 Raw Cotton Moisture Regain Tester. Under the constant condition of testing principles, technical indicators and measurement standards, utilize single-chip technology to achieve moisture regain digital display and temperature automatic compensation. One operation completes a test for cotton sample, high testing accuracy and fast speed.



GT-B09 Photo-electric Cotton Fiber Length Tester

Apply to test the length of cotton fiber and used in Cotton Inspection Departments, Cotton Purchase, Cotton Mill and others. Light transmittance and length of cotton fiber digital display, simple structure, easy operation, fast test, accurate data and representative test sample.

Standards

GB/T6098.2



GT-B11 Portable Cotton Fiber Airflow Instrument (Micronaire Value Tester)

Apply to test Micronaire Value of cotton fiber. It has the advantages of weighting and testing integration, fast testing speed, high accuracy and meeting the standard GB1103-1999. It also can be tested without power.

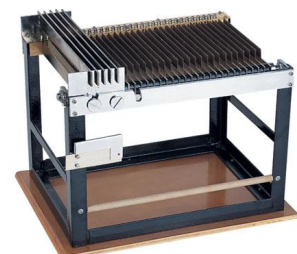


GT-B12-1 Wool Fiber Comb Stapling Sorter

Test the fiber length of a single wool.

Standards

GB6501-65, ISO920, FJ533-85

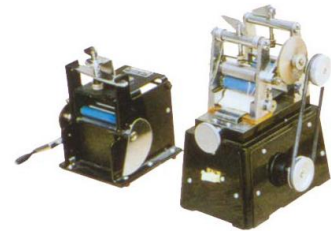


GT-B12-2 Fiber Comb Stapling Sorter

Used to analyze length of cotton fiber or chemical fiber. It consists of two parts, namely fiber draw-off unit and analyzer. Properties should be in conformity with the requirement specified in GB/T6908.1.

Standards

GB/T6908.1



GT-B14 Melting Point Meter

Used for test melting point of chemical fiber, polyester and chip powder (except dark opaque objects). Analysis object's temperature, rising curve and light change curve during heating by instrument, evaluate the melting point automatically, also can evaluate by microscope.



GT-B15 Fiber Crimp Elasticity Tester

Used for Measuring the crimpness, percentage of crimp elasticity, crimp recovery and their statistics value of 1-22dtex fiber. It has display & print function.



GT-B16A Raw Cotton Analyzer

Used for testing the percentage of trash content of raw cotton, Cotton lap and all kinds of fiber (less than 65mm).



GT-B16B Wool Fiber Impurities Analyzer

Used for testing the percentage of trash content of raw cotton, Cotton lap and all kinds of fiber (less than 65mm).



GT-B17A-1 Wool Fineness Meter

It is used to test the wool fiber fineness in the animal husbandry, wool spinning industry, scientific research units, fiber testing departments.



GT-B17A-2 Chemical Fiber Fineness Meter

It adopts air-flow method to test the fineness value of the chemical fibre. It may also swiftly test the fineness value of polyester fibre , orlon , viscose staple fibre below 1.2~6.0 tex.



GT-B17A-3 Twice Air Flow Cotton Fiber Fineness & Maturity Tester

Apply to test the Micronaire Value, Linear Density (metric count), Maturity (maturity ratio, mature fiber percentage and maturity coefficient calculated by empirical formula) and other index.

Meet these standards, GB/T 13778-1992: Cotton fibers — Determination of maturity — Air flow method, ISO 10360: 1993: Textiles - Cotton fibers - Evaluation of maturity by the air flow method, ASTM 3818: 1984: Cotton fiber--Determination of linear density and maturity, BS 3181: 1987: Cotton fibers — Determination of finesses — Air flow method etc. It is widely used in fine staple cotton, long-staple cotton, coarse cotton and other cotton.



GT-B17B Fiber Fineness Tester

Computerized Fiber Fineness Analysis System applies to determine fiber diameter or sectional area through special software. The instrument connects the Optical Microscope and the computer by High-resolution Industrial Camera, and relies on the professional analysis software to finish the test work of fiber diameter and sectional area. It can determine the fiber content of blended fibers also.

Standards

ISO 137

AATCC 20A



GT-B18-1 Fiber Bundle Strength Tester

It is used to measure breaking strength of bundle fiber of cotton, wool and chemical fiber etc.

Standards

GB/T6101



GT-B18-2 Fiber Bundle Strength Tester

It is used to measure strength and elongation of bundle fiber of cotton, wool and chemical fiber etc.

Standards

ISO3060

GB/T13783

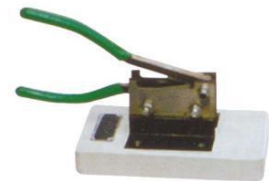


GT-B19 Fiber Cutter

This machine is designed for testing various kinds of fiber fineness, cut fiber into a certain length.

Standards

ASTM D1630, SATRA TM 221

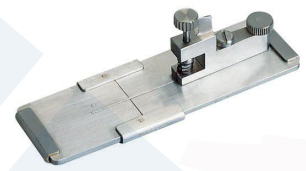


GT-B20 Fiber Slice Cutter

This machine is used for cutting the fiber or yarn into tiny cross-sectional sheets, in order to observe its organizational structure.

Standards

AATCC 20A, ISO137



GT-B23 Cotton Fiber Polarizing Maturity Tester

It is used for measuring the maturity coefficient, maturity degree and the percentage of cotton fibers (fine staple cotton, long lint cotton) by polarized apparatus method.

Standards

GB/T6099.2



GT-B25 Full Automatic Tester For Filament Kinked Shrinkage Ratio

This tester adopts a computer control system, used to determine the curl contraction and boiling water shrinkage of deformed silk (polyester, nylon, polypropylene). The test process has automatic variable load, automatic load, automatic timing, automatic length measurement and automatic zero function. Automatically calculate & print test results.

Standards

GB/T6506-2001, GB/T6505-2001



GT-B26 Saw Type Cotton Content Tester



GT-B27 Lap Meter

Used for testing the segment evenness of cotton lap at specified length, at the same time testing the weight and percentage of elongation of cotton lap.



GT-B28 Fiber Specific Resistance Tester

It is used to determine specific resistance of various chemical fibers.



GT-B29 Vibromat Fiber Fineness Meter

Vibromat Fiber Fineness Meter is suitable to determine linear density of single fibre by means of vibration method. It can display the single-value, average value, variance coefficients, and connect to the printer for printing testing results.



Standards

GB/T16256-1996, ISO1973-1995 and BISFA

GT-B30 Fiber Tensile Strength Tester

Fiber Tension Strength Tester is a testing machine for fiber tension performance. It can be used in the dry or wet state to display strength, elongation, elongation at specified load of single value, average value and variable coefficient. It also can connect with the printer or mapper for printing data and painting curve.

Standards

GB/T14337, ISO5079, BISFA



GT-B31 Cotton Grading Illumination Device

This machine is a new type illuminant device. It applies to grading the cotton color in cotton grading room or other similar occasion. This device can replace traditional north orientation daylight and is much more stable and effective. It can exclude the effect of geographic positions, seasons and weather conditions.



GT-B32A Microcomputer Seed Cotton Moisture Regain Tester

This tester adopt computer control system, used to determine the curl contraction and boiling water shrinkage of deformation silk (polyester, nylon, polypropylene). The test process has automatic variable load, automatic load, automatic timing, automatic length measurement and automatic zero function. Automatically calculate & print test result.



GT-B32B Microcomputer Seed Cotton Moisture Regain Tester

This tester adopt microcomputer technology, to achieve seed moisture regain digital display with high resolution. Wide range of moisture regain, suitable for south and north cotton belt. Probe and circuit integrated design, compact structure, high reliability, and convenience. Users can set moisture regain over humidity alarm by their own. And this tester with memory system.

Standards

BS-5131-4.8, ISO 19953, QB/T 2863, SATRA TM20



GT-B33 Ventilation Type Four-basket silk Quick Oven

It is used to examine the raw silk moisture regain. It adopts technique for its manufacture. It is the only patent product which conforms with international ISO2000:1994 and the newly issued GB/T9995-1997 national standard.

