



# B-TEX Laboratory Engineering



**National Achievement**

Rajiv Gandhi Award

**Golden Jubilee Award**

R & D in Textile

Textile Testing Instruments

Textile Training Institution

Yarn, Fabric, Garment &  
Textile Testing Reports

Traceable to NPL Calibration  
Certificates

**We Strive To Do Better Every Day**



M/s Mohanlal Nagindas Kapadia was founded in 1957, with the work of Jari and various kind of art silk fabric & Lace manufacturing, processing & trading related works. The new name of this most likely company launched by Mr Dharmesh Kapadia & Mr Mehul Kapadia grandsons of Late Shree Mohanlal Nagindas Kapadia for local region is with the name of B-TEX Laboratory and B-TEX Engineering in the field of textile testing services and also in textile manufacturing & trading.

B-TEX Engineering has presented the work of its legendary director over last 20 years. Established in 2003 as HUF. The unit is into the manufacturing of textile testing equipment like wrap reel, twist tester, utm, crock meter etc. The unit also offers testing and technical services to the garment and fabric industry.

We embrace research and science- bringing innovative ideas, product and service to advance textile industry and well-being of people.

Based in Surat, India which is the hub for textile industry, we offer a wide range of product and service to reach our targeted audiences and same valuable information focusing on retaining our customers.

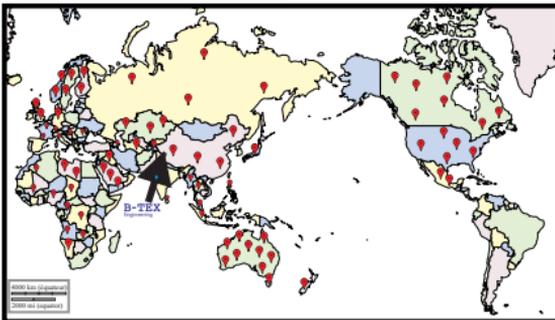
We provide a wide range of equipment used for textile industry in manufacturing and retailing. We have the goal of providing affordable cutting edge product for those looking for textile testing equipment.

We work with and will always work with....

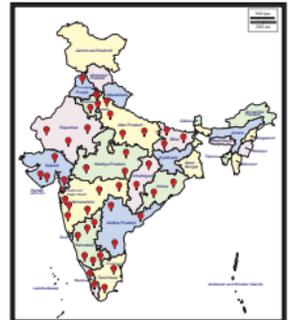
**| Integrity | Understanding | Excellence | Unity | Responsibility**

*"We Strive to do better every day."*

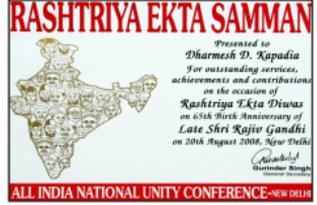
### International Customer Network



### Domestic Customer Network



# Our Achievements



## Our Vision and Mission

Important things that keep us moving towards achieving excellence in whatever we choose to do are our basic principles of **VISION** and **MISSION**.

**Our VISION** to exceed our customer's expectations by continuously providing of cost effective products & services with special emphasis on quality - safety and environmental stewardship. We serve our vision as the framework for our Roadmap and guide every aspect of our business by describing what we need to accomplish in order to continue achieving sustainable, quality growth.

**Our MISSION** is to continually come up with winning ideas of business which can enhance valuable customers for life long. Our Roadmap starts with our mission, which is enduring. It declares our purpose as a company and serves as the standard against which we weigh our actions and decisions.

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# UNIVERSAL TENSILE TESTER

***Universal Tensile Strength Testing Machine is suitable for carrying out tensile test on variety of materials such as yarns, fabrics, lea, elastomers, papers.***



- Micro Controller based Panel-incorporating State of Art Technology.
  - Digital Display of Force, Elongation & Speed values on large Back lit LCD Display Unit.
  - Load @ specific elongation and Elongation @ specific Load
  - Choice of multiple load cells select via keyboard.
  - Peak Force & Maximum Elongation Memory Facility.
  - Variable Testing Speed.
  - Closed loop servo system with variable speed drive.
  - Displacement measurement using Optical Encoder.
- Safety interlocks for overload and over travel.
  - USB Communication port to interface instrument with any computer or laptop.
  - Software for computer control of machine with online graphic display & test report.
  - 2 Pneumatic Grips & Fixtures for variety of materials and also available optionally.
  - One set of pneumatic grips for yarn, wire, cable, etc & one pneumatic grip for fabric, sheet, paper, etc come as standard supply.

**Standards : BS EN ISO 13934, Parts 1&2 ASTM D-5034:1995, ASTM D-5035:1995**

# SINGLE FIBER STRENGTH TESTER

*Single Fibre Strength Tester is used to determine the tensile strength & elongation of Single Fibre.*



- Tensile strength and elongation of Fibre can be effectively determined.
- Force rating up to 999.9 gm with 0.1 gm accuracy, 99.99 gm with 0.01 gm accuracy.
- Cross head speed is 5 to 300 mm per minute variable.

**Standards : ASTM D1445 / D1445M-12**

## YARN STRENGTH TESTER

*Yarn Strength Tester is used to determine the tensile strength & elongation of Single Yarn or Doubling Yarn with peak value & elongation facilities.*



- Tensile strength & elongation of Yarn can be effectively determined.
- Force rating up to 10 kg with 1gm accurate
- Cross head speed is 240 mm per minute.
- Extremely powerful interactive software makes the machine versatile.

**Standards : BS EN ISO 13934, Parts 1&2 ASTM D-5034:1995,  
ASTM D-5035:1995**

## DENIER WRAP REEL 3 LEA

*Denier Wrap Reel is used to check Denier / Count of Yarn or to Prepare Lea.*

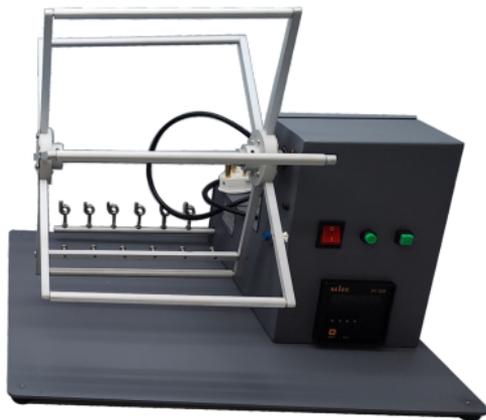


- The equipment consists of solidly constructed swift / wheel.
- It has traverse mechanism.
- Wrap reel is fitted with a digital counter.
- It is powered by a special geared motor.
- It is automatic.
- Cone stand with tension device.

**Standards: IS:1315, ISO 2060, BS 2010,  
AS D1907/2260, DIN S3830**

## DENIER WRAP REEL 6 LEA

*Denier Wrap Reel is used to check Denier / Count of Yarn or to Prepare Lea.*



- The equipment consists of solidly constructed swift / wheel.
- It has traverse mechanism.
- Wrap reel is fitted with a digital counter.
- It is powered by a special geared motor.
- It is automatic.
- Cone stand with tension device.

**Standards: IS:1315, ISO 2060, BS 2010,  
AS D1907/2260, DIN S3830**

## DENIER WRAP REEL 12 LEA

***Denier Wrap Reel is use for rapid preparation of accurate lengths of yarn, in hank form, for subsequent weighing and determination of count and strength of the yarn.***



- The equipment consists of solidly constructed swift / wheel with collapsible arm.
- It has traverse mechanism.
- Wrap reel is fitted with a digital counter.
- It is powered by a special geared motor with break.
- Cone stand with tension device.

**Standards: IS:1315, ISO 2060, BS 2010,  
AS D1907/2260, DIN S3830**

## GSM ROUND CUTTER 3

*GSM Round Cutter are used to determine accurately the GSM (Grams per square meter) of any type of fabrics.*



- Reliable rapid, and easy to use.
- 100 Square Centimeters cutting area.
- Depth of cutting up to 2 mm.
- Special finishes for contacting surfaces to avoid of specimen slippage.

**Standards: IS:1964, ASTM D3776, ISO 3801**

## GSM ROUND CUTTER 4

*GSM Round Cutter are used to determine accurately the GSM (Grams per square meter) of any type of fabrics.*



- Reliable rapid, and easy to use.
- 100 Square Centimeters cutting area.
- Depth of cutting up to 2 mm.
- Special finishes for contacting surfaces to avoid of specimen slippage.

**Standards: IS:1964, ASTM D3776, ISO 3801**

## DENIER WEIGHING SCALE

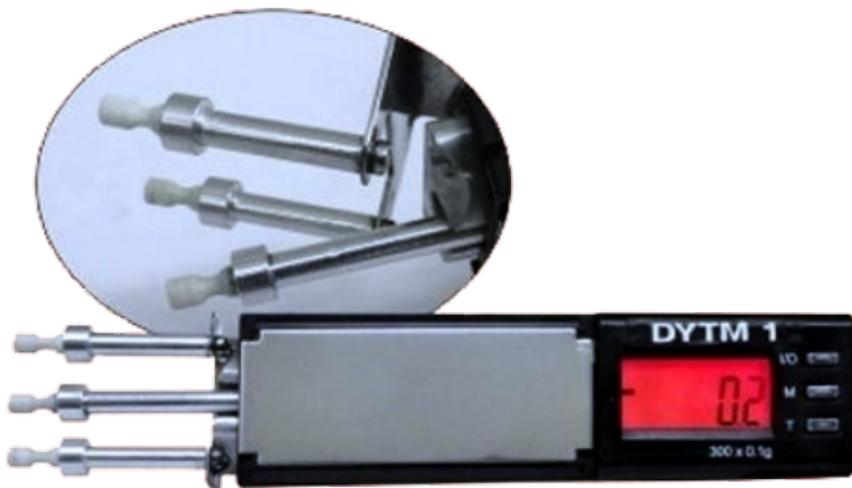
*The GSM Scale is used for the determination of the Weight of Yarn, Fabric or Garment.*



- A standard laboratory / Industrial grade testing scale model.
- Effectively measures GSM of fabric and other products like yarn and garment.
- A tool is offered to cut fabric of specific size and if weighed on the scale offered, the reading displayed is the GSM of that fabric.
- Gives precise readings.
- Has durability and enhanced longevity.

## DIGITAL YARN TENSION METER

*Digital Yarn Tension Meter Ceramic Guided, popularly known as Yarn Tension Meter is used to determine tension of moving yarn in knitting & weaving machines.*



- This instrument is manufactured in an easy to handle design, size and weight.
- Gives accurate results.
- Range 300gms with 0.1gm accuracy.

## SCHMIDT GERMAN TENSION METER

*Schmidt German Tension Meter popularly known as Raller type, Dial type Yarn Tension Meter is used to determine tension of moving yarn in knitting & weaving industries.*



**00 - 12**  
**02 - 20**  
**05 - 50**  
**10 - 100**  
**20 - 300**

- This instrument is manufactured in an easy to handle design, size and weight.
- Gives accurate results.

## CABLE TENSION METER

***Cable Yarn Tension Meter is used to determine tension of moving cable yarn by Cable / Yarn / Wire Manufacturer.***



- This instrument is manufactured in an easy to handle design, size and weight.
- Range 10kg with 1gm accuracy.
- Max. hold Facility.

## CABLE TENSION METER

***Cable Yarn Tension Meter is used to determine tension of moving cable yarn by Cable / Yarn / Wire Manufacturer.***



- This instrument is manufactured in an easy to handle design, size and weight.
- Range 10kg with 1gm accuracy.
- Max. hold Facility.

# POY FOY SPINNING TENSION METER

*Cable Yarn Tension Meter is used to determine tension of moving cable yarn by Cable / Yarn / Wire Manufacturer.*



- This instrument is manufactured in an easy to handle design, size and weight.
- Range 500gm with 1gm accuracy
- Max. hold Facility.

# YARN PACKAGE SHORE HARDNESS

*Digital Yarn Package Hardness Tester are used to check the hardness of yarn packages such as cone, beam, etc. Hardness may be defined as a material's resistance to permanent indentation.*



**Digital**



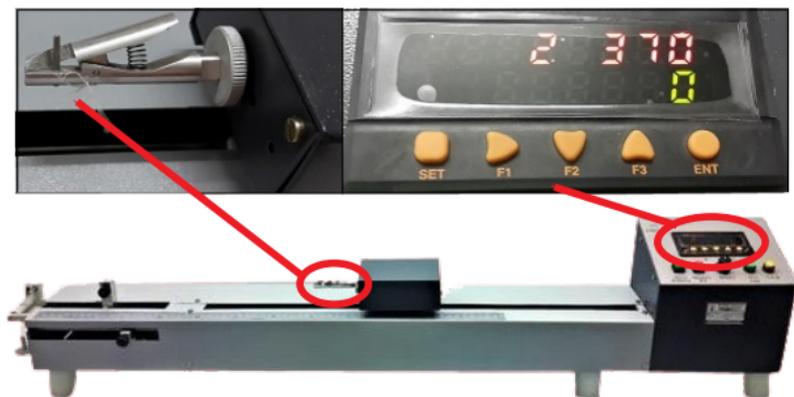
**Analogue**

- Very useful for spinning mills
- Latest design with elegant look.
- Handy, easy to operate.
- Duly packed in a wooden case for safety.
- With calibrated precision digital reading in degree shore.
- Smooth precision-engineered components for exceptional performance.
- Supplied with calibration & inspection certificates
- Easy access to sample table.

**ISO 7211, BSEN 1049**

# AUTOMATIC YARN TWIST TESTER

*Automatic Yarn Twist Tester is used for accurate measurement of TPM (Twist per meter) or TPI (Twist per inch) of the twisted yarn.*



- Micro-controller based electronic twist tester.
- Motor driven fully automatic instrument.
- Auto stop facility for motor.
- In-built sensor.
- Alphanumeric backlit LED display unit.
- Manual option available.
- Computer connectivity and analysis software available.

**Standards: IS:832, ASTM D:1422, ISO: 2061, BS 946: 1952**

# HTHP BEAKER DYEING MACHINE

*HTHP Beaker Dyeing Machine is ideally suitable for sample dyeing of fabric and yarn at high temperature and pressure.*



250 ml x 12 beakers,  
550 ml x 6 beakers,  
8 liter x 1 beaker

- The machine comprises of tank, beaker and gear box.
- The beakers are capable of withstanding pressure upto 6.0 Kg/cm square.
- The machine is complete in stainless steel.
- Ensures a sound free and smooth working.
- Microprocessor based programmer is provided which ensures temperature control.
- Promises long life and leak proof service even after many years of use.

**Standards: IS: 687, 3361, ISO 105-C03-1to5,  
BS 1006, AATCC 61 - 1A, 86,132,151,190**

# DYEING - COLOR MATCHING CABINET

*Color Matching Cabinet with Remote measures the color difference between two samples.*



**D-65**  
**CWF**  
**TL-83**  
**TL-84**  
**T.F.L.**  
**U.V.**  
**UL-30**  
**INCA**

- Cabinet is made of Teakwood, Ply Board & Sun mica, with strict adherence to international standards.
- Supplied with major tube lights & bulbs for quick and accurate color assessment.
- Fitted with Electronic / ballasts for Instant start & power saving to safeguard the expensive & sensitive tube lights & bulbs.
- No warm-up, No flick, No heat emission.
- Energy Saving, Efficient illumination.
- Compact, High quality with low price.
- Modular Switches with Remote Control & 45° angle viewer.

**Standards : ISO 3664, BS 950, ASTM D 1729, DIN 6173**

# PERSPIROMETER

***Perspirometer is used for determining the resistance of the color of textiles of all kinds and in all forms to the action of human perspiration.***



- Can also be used for testing color fastness against sea water and water.
- Made of stainless steel frame.
- AATCC and ISO both standard included.
- User friendly and corrosion resistant.
- Smooth precision engineered components for excellent performance.

**Standards : ISO 105, BS 1006, BSEN 20105, AATCC 15, 106, 107, 165, IS 971**

## SUBLIMATION TESTER

***Sublimation Fastness Tester is a suitable instrument for dyestuff manufacturers as well as textile processors for checking effects of dry heat on dyestuff.***



- Testing the effect of direct heat on the dyestuff.
- up to 250°C temperature range.
- 3 pairs, 6 heat pads.
- 10 to 60 seconds contact timer.
- Can test entire range of temperature in a single test.
- Individual 6 temperature controllers with sensors.

**Standards : ISO 105, BS 1006, AATCC 92, 114, 117, 133, IS 975**

## DIGITAL CROCK METER

***Crockmeter is used for testing the transference of color from the surface of one material to another by either wet or dry rubbing. Also known as Rubbing Fastness Tester.***



- To determine the Color Fastness of Textiles.
- The equipment consists of a four digit counter.
- It is provided with a flat peg.
- Tests the color fastness of the textile in a very accurate manner.
- It gives not only accurate but quick results also.

**Standards : ISO 105, BS 1006, AATCC 8, BS EN 20105**

# LIGHT FASTNESS TESTER

*Light Fastness Tester is used to determine the color fastness of textiles against sunlight.*



- Light Source : 500W, MBTL Fading Lamp
- Test Chamber Temperature : Ambient to 50° C
- Maximum Number of Type : 12 Nos. 'A' Rectangular Cells, 40 Nos. 'C' Cylindrical Cells
- 110 x 50 mm 'A' Rectangular Cells
- Specimen Thickness : Up to 15 mm, Size: 100 x 50 mm
- Operating Conditions : 50%-65% Relative Humidity, 20°-24°C Temperature

**Standards : BS 1006 UK-TN, IS 2454-1985**

# DIGITAL FABRIC THICKNESS GAUGE

*Digital Fabric Testing Instrument determines the thickness of jari, yarn, fabric, paper and film samples etc accurately.*



- Range of Measurement : 0 - 10mm
- Least count of dial Gauge : 0.001mm
- Diameter of Anvil : 60mm
- Diameter of Pressure Foot : 2.5mm dia for film, 10mm dia for paper & 25mm dia for fabric
- Load on Pressure Foot - 100g/sq. cm : without weight for 10 mm & with weight for 25mm
- Throat Depth : 22mm
- Optional Dia of Pressure foot & Anvil available 50mm, 60mm, 100mm

**Standards : ISO 3616/5084/9073 ASTM D 1777**

# MARTINDALE ABRASION CUM PILLING TESTER

*Martindale Abrasion cum Pilling Tester is used to check the abrasion as well as pilling resistance of the fabric.*



- Effective speed ratio of outer pegs to inner pegs.
- 4 specimen can be tested simultaneously.
- Maximum load (corresponding to pressure of 12KN / m<sup>2</sup>) : 790g.
- Comprise of stainless steel balls.

**Standards : ASTM D4966-12 / D4966-98**

## PILLING TESTER

***Digital Pilling Tester is used to check the pilling resistance of the fabric.***



- Consists of two wooden cubical Boxes with inside surfaces lined with special standard cork sheet and outside surfaces beautifully laminated.
- Consists of geared motor which rotates the boxes about their central axis.
- Pre-set Digital Counter stops the motor automatically after the desired number of revolutions
- Can be used for all types of fabric and weave patterns.
- Eliminates subjective assessment.
- More accurate.
- User friendly.
- Adopted universal standard testing procedure.

**Standards : ASTM D3512**

# FABRIC STIFFNESS TESTER

*Stiffness Tester is used to determine the stiffness of fabrics.*

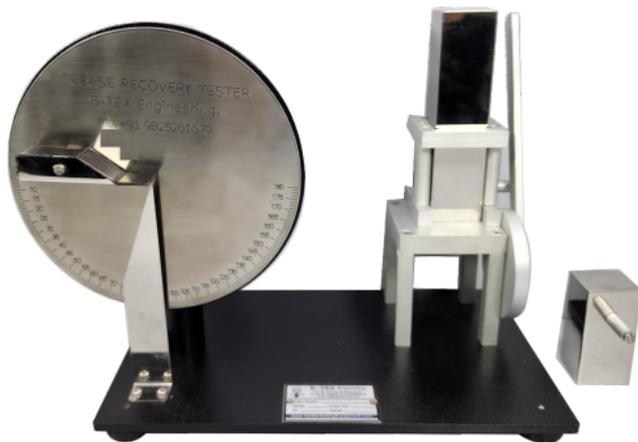


- It has a solid aluminum base with nylon foot-rest to keep the base horizontal.
- The equipment's parts are made of stainless steel.
- It has a calibrated scale.

**Standards : ASTM D1388**

# CREASE RECOVERY TESTER

*Crease Recovery Tester determines the property of textiles to recover from creases by measurement of the recovery angle.*



- Made of heavy cast base with all parts of stainless steel.
- To make the movement smooth the Dial moves in a Brass bush.
- The same base has both the Steel Creasing Load and two Round Steel Plates for pressing the specimen.

**Standards : ISO 2313**

# SHRINKAGE TESTER

***Shrinkage Template & Scale is used for finding accurate Shrinkage in fabric and Garments.***



- To determine directly the % dimensional change (shrinkage) in all types of fabrics.
- Fine calibrated Shrinkage Template with 6" x 6", 10" x 10", 14" x 14" & 18" x 18" benchmarks length-wise & width-wise.
- Calibrated scale to evaluate shrinkage & stretch directly Up to 6" +/- 1", 9" +/- 2", 12" +/- 2" & 15" +/- 2" area with ready % readings.
- Fine tipped fabric marker supplied for accurate marking on light & dark colour fabrics.

**Standards : ASTM D6207-03(2015)**

# WATER IMPACT PENETRATION TESTER

*Water Impact Penetration Tester tests water penetration resistance of the garment fabrics.*



- Equipment is portable.
- Very convenient to use.
- White AATCC textile blotting paper is used for testing.
- Ensures accurate results.

**Standards : AATCC 42-2000**

# WATER REPELLENCY TESTER

*Water Repellency Tester measures the resistance of fabrics to wetting by water.*



- The tester is suitable for measuring the water-repellent efficiency of finishes applied to fabrics, particularly plain woven fabrics.
- Evaluation is accomplished by comparing the wetted pattern with pictures on a standard chart.

**Standards : AATCC 22, ISO 4920**

# DIGITAL MICROSCOPE

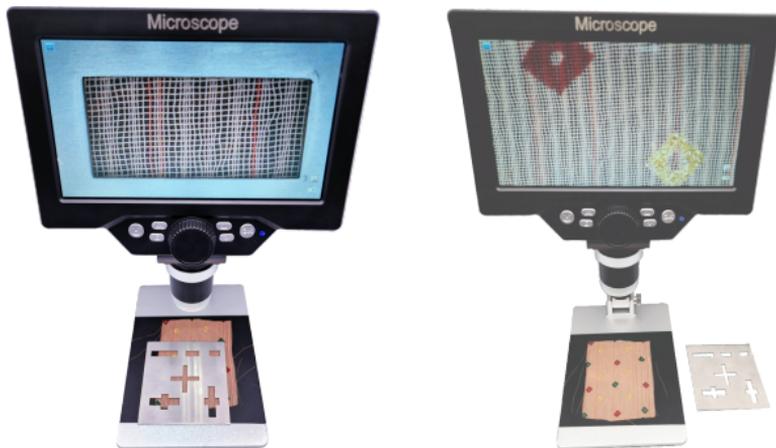
*Digital Microscope for Fiber & Yarn Cross Section with 12MP Cam, Display and Measuring Software*



- 5x, 10x, 20x, 40x & 100x lenses Trinocular biological microscope with fibre cross section kit, high resolution CCD camera and imaging software with measurement facilities. Scope of use cross section of fibre or yarn, analysis of any fibre, yarn and fabric.

# DIGITAL MICROSCOPE

## *Digital Microscope Microscope & Ends Counting Equipment.*



- USB Digital Microscope have 5x to 500x view, pc connectivity to analysis of image through software with micron measurements and used for yarn and fabric design.
- Stand kit with upper and lower lights, smart moving jaws stand with high resolution CCD camera and imaging software to measure in micron areas.

## CRIMP RIGIDITY

***Crimp Rigidity Tester is used to determine the bulking potential of texturized yarns.***



- The instrument is based on test method.
- The tester can be used for both polyamide and polyester texturized yarns.
- Instrument mounted on a sturdy metal base. Compact and portable.

## REED PICK GLASS

*Handy Reed Pick glass helps in checking the reed pick of the fabric. It also helps in checking the weaving, dyeing & printing defects in the fabric if any is made.*



- Handy Reed Pick check fabric reed picks.
- It visualizes (8x)
- It enables counting of needle one by one.
- Possess light & adjustable lenses to see fabric clearly.

## REED PICK GLASS

*Reed Pick glass helps in checking the reed pick of the fabric. It also helps in checking the weaving, dyeing & printing defects in the fabric if any is made.*



- Mini Reed Pick check fabric reed picks.
- It visualizes (8x)
- It enables counting of needle one by one.
- Possess light & Lenses to see fabric clearly.

## REED PICK GLASS

***Reed Pick glass helps in checking the reed pick of the fabric. It also helps in checking the weaving, dyeing & printing defects in the fabric if any is made.***



- Reed Pick check fabric reed picks.
- It visualizes (8x)
- It enables counting of needle one by one.
- Possess light & adjustable lenses to see fabric clearly.

# DIGITAL THERMOMETER

***Contact Thermometer used to check temperature in laboratory during test. It gives results digitally.***



- The digital contact thermometer & buzzer with timer for laboratory has three key bottoms.
- Sets the maximum 99 minutes 59 seconds 200°c .
- The digital buzzer with timer can be set on table or hang on the wall.
- The digital oven thermometer & buzzer with timer for laboratory can be equipped with magnet on the back and can be absorbed on the surface of steel parts.
- Stainless probe, Digital LCD display temperature values clear and intuitive.

## MOISTURE METER

*Moisture Meter is used to measure the percentage of water in a given textile material.*



- It carries powerful 1 pc 9V battery.
- The instrument also has 2x Extra Pins.
- Comprehensive Instruction Manual.
- Protective Carrying Bag.

## COTTON MOISTURE METER

***Cotton Moisture Meter used to check moisture in all kind of raw cotton to finished procedure, from farming to finished yarn spinning stage.***



- The Cotton Moisture Meter is a valuable testing instrument during the cotton collection, processing and when buying or selling cotton.
- The newly designed Cotton Moisture Meter utilizes the relationship between moisture content and electrical resistance to effectively measure the moisture content of cotton, seed-cotton and lint quickly and accurately.

## TACHOMETER

*Tachometer is a Process Monitoring Equipment, used to assess or measure the speed of textile production.*



- Contact and Non-contact Type
- Portable
- Accuracy of  $\pm(0.05\%n+1d)$
- Built-in memory stores maximum, minimum and last reading for recall to the display.
- Low battery indicator

## BURSTING STRENGTH

*Digital Bursting Strength Tester is widely used to measure the resistance to rupture in various materials.*



- Digital indication of readings
- Manual Clamping
- Enhanced storage facility allows building a vast data library of all tests carried out at various points
- Simple to operate
- This tester evaluates material test & provide reliable data.

**Standards : ISO 2758/2759/3303/3689, BS 3424/3137, ASTM 3786, IS 1966**

## FLEXING TESTER

*Flexing Tester is used to check the bending ability of Leather or Coated Material used for Bags, Belts, Shoes, Jackets, etc.*



- Very useful for leather or coated material used for bags, belts, shoes, jackets, etc
- Latest design with elegant look.
- Easy to operate.
- With calibrated precision digital reading in 9999 digital preset-able counter.
- Smooth precision-engineered components for exceptional performance.
- Supplied with calibration & inspection certificates
- Easy access to sample table.

**Standards : ISO 7854, BS 3424-9**

# GREY SCALE

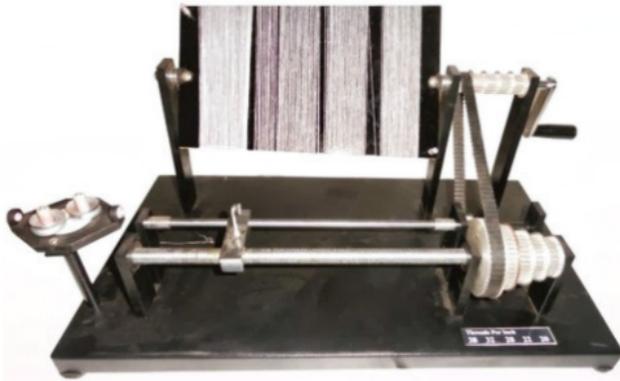
***SDC Grey Scale For Change in Colour  
as per ISO standards.***



- The grey scale consists of nine pairs of non-glossy neutral grey coloured chips, which illustrate the perceived colour differences. These give a corresponding fastness rating of 5, 4-5, 4, 3-4, 3, 2-3, 2, 1-2, and 1. They are used in the assessment of colour change occurring in fastness tests as described in ISO 105-A02. They are also essential in the grading of light fastness tests when using the Light Fastness Standards.

# YARN APPEARANCE BOARD WINDER

*Yarn Appearance Board Winder, Yarn Evenness Tester is used for wrapping the yarn in equally spaced parallel wraps over a board for visual examination.*



- Manually operated.
- Checks the evenness & appearance of yarn.
- Precise preparation for accurate assessment of imperfection to grade the yarn against photographic comparison standards.
- Is used for winding the yarn on the blackboard for visual examination & grading the yarn as per ASTM standards.
- Choices of wide range of rectangular & tapered boards.

**Standards : ASTM D 2255-96**

## PUSH PULL GAUGE 10 KG

***Push Pull Gauge 10 kg is used to determine the breaking strength of yarn, fabric, button, rope, plastic sheet, paper, rubber, wire, tape and compression strength of spring...***

***Max hold test can be carried very effectively.***



- *Force Rating: 0.000 to 9.999 kg*
- *Force Resolution: 0.001 kg*
- *Force measurement accuracy:  $\pm 0.5\%$  of FSD*
- *Grips: As per requirements Power Supply: 230 V AC,*
- *50Hz, Single Phase Size & Weight: 6" x 4" x 1", 1 Kg*

## PUSH PULL GAUGE 40 KG

***Push Pull Gauge 40 kg is used to determine the breaking strength of yarn, fabric, button, rope, plastic sheet, paper, rubber, wire, tape and compression strength of spring...***

***Max hold test can be carried very effectively.***



- *Force Rating: 0.00 to 40.00 kg*
- *Force Resolution: 0.01 kg*
- *Force measurement accuracy:  $\pm 0.5\%$  of FSD*
- *Grips: As per requirements Power Supply: 230 V AC,*
- *50Hz, Single Phase Size & Weight: 6" x 4" x 1", 1 Kg*

## PUSH PULL GAUGE 1000KG

***Push Pull Gauge 1000 kg is used to determine the breaking strength of yarn, fabric, button, rope, plastic sheet, paper, rubber, wire, tape and compression strength of spring...  
Max hold test can be carried very effectively.***



- *Force Rating: 00.00 - 99.99 & 100.0 - 999.9 Kg*
- *Force Resolution: 10 gm upto 100 Kg & 100 gm up to 1000 Kg*
- *Force measurement accuracy:  $\pm 0.5\%$  of FSD*
- *Grips: As per requirements Power Supply: 230 V AC, 50Hz*
- *Single Phase Size & Weight: 6" x 4" x 1", 1 Kg, S type load cell*

# XENON LIGHT FASTNESS TESTER

*Light Fastness Tester is used to determine the color fastness of textiles against sunlight.*



- *Light Source: 4200 Kelvin, Xenon Lamp*
- *Test Chamber Temperature: Ambient to 60° C*
- *Temp. Range Control: By air Circulation.*
- *Working Life of Lamp: 2000 Hours*
- *Power: 220 Volts, single Phase, 50 HZ, A.C. Supply.*

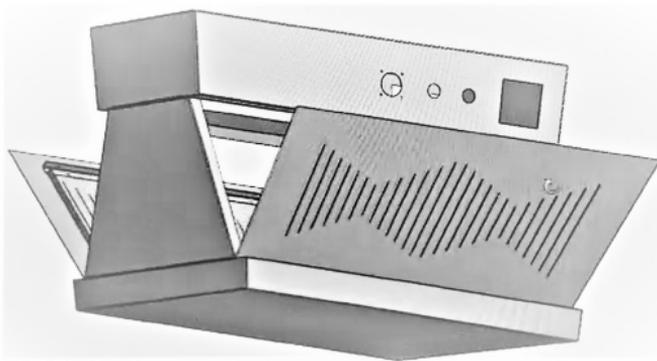
**Standards: UV Resistance Exposure to Light Moisture & Heat**

**IS: 6152 ASTM D: 4355 BSEN:12224, GRI:155**

**Colour Fastness to Light IS: 2454, AATCC 16, ISO: 105-B02, BS 1006**

## UV-B WEATHER TESTER

***UV-B Weather Tester is used to determine the color fastness of textiles against UV-B 313 Nano Band.***



- *Light Source: 313 Kelvin UV-B Nano Band or UV-A Lamps*
- *Test Chamber Temperature: Ambient to 60° C*
- *Temp. Range Control: By air Circulation.*
- *Working Life of Lamp: 2000 Hours*
- *Power: 220 Volts, single Phase, 50 HZ, A.C. Supply.*

**Standards: ASTM D4329, ASTM G151, ISO 4892-1/3, ISO 11507,  
ISO 11895, EN 927-6, EN 12224, SAE J2020, JIS D 0205**



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