



“Quality is our first & last Priority”
(AN ISO-9001-2008 CERTIFIED COMPANY)

Testing Equipment For

- Fabric
- Yarn
- Garments
- Fibre
- Plywood
- Rubber
- E.T.P.



About Us

The company is founded by Mr. Subodh Kumar Singh Mechanical Engineer from B.T.E Mumbai. Having vast experience of 15 year in field of mfg. & marketing of textile testing Industry . Originally company was establishing in Feb.2010, Our motto is to produce better quality product with economical price & consistency in quality.

Infrastructure

We have achieved substantial growth since the inception of our company.

The success is a reflection of our manufacturing capability assisted by a state-of-the-art infrastructure.

Our company has incorporated best of machines and technology to manufacture the range of testing equipment. The complete setup also includes designing, quality testing and warehousing facilities.

These facilities are managed by experienced personnel with vast operational knowledge.

Therefore, the collective effort of the team results in optimum customer satisfaction.



PHYSICAL TESTING EQUIPMENTS



GSM Round Cutter

For accurate cut of 1/100
Meter of fabric
standard ASTM D 3776,
ISO 3801



Cut & Fit GSM Round Cutter

Pad and blade not required.
3 Nos. of imported metal cutting
wheels for long lasting cutting



Electronic GSM Scale

Make : CAS Korea
Capacity : 300gsm
Least Count : 0.01 gm
Platform Size : 130mm



Shrinkage Template

500 mm X 500 mm with
slot of 350 mm X 350 mm
(With Scale & Marker pen
to check Shrinkage % of
fabrics)
Standard: ISO 3759, BS 4931



Colour Matching Cabinet

For visual colour matching of Yam,
Fabric and Garments under different
Imported light sources like D-65, UV,
TL-84, CWF, TL-83, U-30, U-35, Inca A,
with Electronic ballast & hour meter
metal body without door
available standards : ASTM D 1792,
ISO 3664, BS 950



Elmendorf Tearing Tester

To check tear strength of
fabric as per ASTM D 1424,
BS 4253



Tensile Strength Tester

For checking of
tensile strength,
seam slippage &
elongation of
fabric and yarn lea
Capacity : 100, 250,
500 & 1000kg.



Traverse Thread Counter

Used for Counting of end & picks
per inch by Microscope.
Standards : ASTM D 3775-98,
ISO 7211, BSEN 1049



Spray Tester

Sample holder is fixed at 45 angle.
To meet the AATCC standards
Complete with all accessories
including 500ml beaker, template &
marking pen for cutting specimen



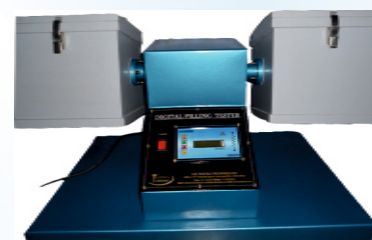
Stiffness Tester

Standard : ASTM-D 1388
ISO-6490



Fabric Thickness Gauge

Accuracy 0.1 to 0.001 mm
(Manual and Digital)



ICI Box pilling Tester

As per BS 5811, ISO 12945-1
With 8 Nos. Pilling Tubes
With Digital Display

PHYSICAL TESTING EQUIPMENTS



Martindal Abrasion Cum Pilling Tester

To check pilling and abrasion of any type of fabrics like Knitted non-woven, woven and coated fabric.
As per Standards ASTM 4966, ISO 4570, BS 3424



Bursting Strength Tester Micro Processor Based

Bursting Capacity: 35 Kg.
Test Fluid : Glycerin
Capacity of Test Fluid tank: 160 ml
Standards: ASTM D 774, 3786, ISO 2758, 2559, 3303



Bursting Strength Tester (Analogue)

Bursting Capacity: 35 Kg.
Capacity of Test Fluid tank: 160 ml
Capacity : 35 Kg Standard ASTM D 3786, ISO 27587.BS3424



Air Permeability Tester

Monometer type
For Fabric as per Standard IS 11056-1984 DIN 55887



Conditioning Chamber (Humidity Cabinet)

Model : 18"x18"x24"
Fully SS



Conditioning Chamber
(Inside SS 304 / Outside MS Powder Coated)



Bundusman Apparatus

Button Snap Pull Tester

To find out pulling strength of any type of button & snaps along with 3 nos.
Grips with imported IMADA push pull gauge
Capacity : 20 / 30 kg.
Standard : ASTM D-177



Water Distillation



Capacity : 3 - 4 Ltr. per Hour
BS-1006, IS-2454-1985

Beasley Balance



To check count of Warp/Weft of fabric sample. Standards : ASTM D2260-96
ASTM D 3776, ISO7211, BS-2865

Hot Air Oven (18"x18"x18")



18"x18"x18" with digital temperature and controller inside chamber SS 304, out side MS power coated temp. Range up to 250° C used for drying sample.

Flammability Tester (Inclined Plane Type)



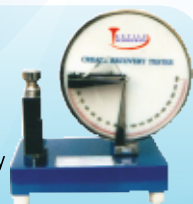
To check flammability of fabric at 45° angle
Standards : ASTM D 1230, CRF 16-1610

Hot Plate



With energy regulator of following size:
8"Diameter Circular, 10"x12" Rectangular
12"x18" Rectangular

Crease Recovery Tester



For checking crease recovery of any type of fabric.
Standards : AATCC-66, ISO-2313

Pilling Photographs



COLOUR FASTNESS EQUIPMENTS

Washing Fastness Tester

For Checking Colour Fastness Against Washing
Model: 8x550ml, 8x1200ml, 4x500 + 4x1200ml,
8x550ml + 8x1200ml

Double Walled Structure filled with Glass Wool insulation.
Fully SS Model with Programmer for Temp. Control
Standards: ISO 105, BS 1006, AATCC 28,61,86,132.



Digital Crock Meter (Motorised)

For Colour Fastness Against Rubbing in Dry or Wet Condition
with LCD Display
Standards: ISO 105 12/DO2 AATCC 8/165, BS 1006 DO2



Crock Meter (Manual)

For Colour Fastness against rubbing in dry or wet condition.
Standards : ISO 105 12/DO2, AATCC 8/165 BS 1006 DO2



MBTL Light Fastness Tester

To check colour fastness against day light
by using MBTL light with water cooling
arrangement, moving / fixed drum type
Standards: IS 2454, BS 1006



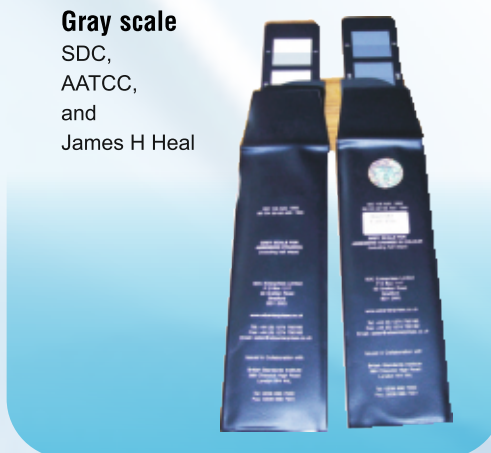
Perspirometer

Fully SS Model
Standards: ISO 105, BS 1006,
AATCC 15, 106, 107, 165



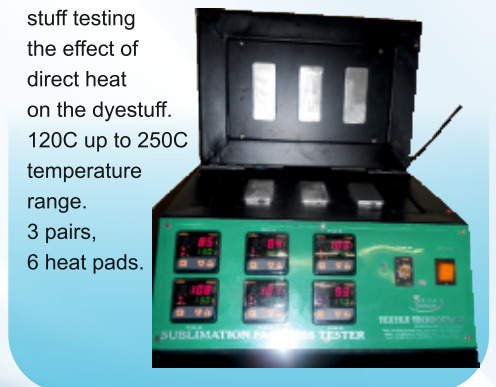
Gray scale

SDC,
AATCC,
and
James H Heal



Sublimation Fastness Tester

For colour dye
stuff testing
the effect of
direct heat
on the dyestuff.
120C up to 250C
temperature
range.
3 pairs,
6 heat pads.



LAB DYING EQUIPMENTS

I.R.Beaker Dyeing Machine

With Dying Programmer
Model : 12 x 250ml, 12 x 500ml, 18 x 250ml



HTHP Beakar Dying Machine

Fully SS, Double Walledwith Glass Wool Insulation. Alongwith Dyeing Programmer with Forward Reverse System
Model : 6 x 250ml, 12 x 250, 16 x 250
Suitable for all Types of yarns and Fabrics.



Open Bath Beakar Dying Machine

With Digital temp. Indicator & Controller
Model : 12x250ml, 12X500ml
Temp. accuracy $\pm 1^\circ\text{C}$



Chemical Balance

Capacity :
220gm / Least Count : 0.0001gm/ 0.001



Rota Dayer with Dying Programmer

Capacity : 12 x 250ml
16 x 250ml, 18 x 250ml



Shade Card Winding Machine-01 (Motorized)



Shade Card Winding Machine-02 (Manual)

Vertical Padding Machine

With 12" Inch Roller & 18" Inch Roller



PH Meter (Table Top, Digital Model)

To Check Ph Value of any type of Solution
pH range: 0 to 14, Temp. 0 - 100 C
Standards : AATCC-81



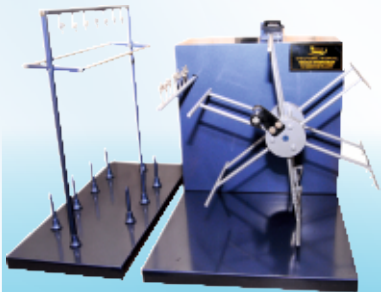
Water Bath

With digital temp. indicator and controller, Double wall with glass wool insulation
Model : 6 x 250ml, 6 x 500ml, 12 x 250ml
12 x 500 ml.



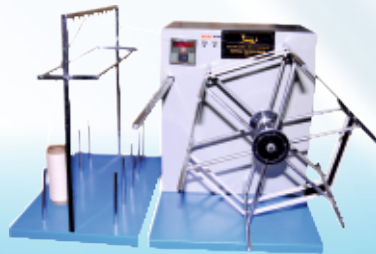
FIBER / YARN TESTING EQUIPMENTS

Wrap Reel Manual



As per Standard :
ASTM D 1907/D2260/ISO-2060,
BS-2010

Wrap Reel Motorised



With Magnetic brakes , RPM-110
Swift Dia : 1.5 yard / 1 meter
As per Standard : ASTM D 1907/D2260
ISO-2060, BS-2010

**Twist Tester Manual
For Double Yarn**

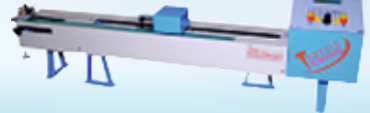


**Twist Tester Manual
For Single Yarn**



**Twist Tester Fully Automatic
Micro Processor based**

For single & double yarn
Standard : ASTM D-1422/1423,
ISO-2061, BS-2085



**Twist Tester Electronic
For Double Yarn**

Standard : ASTM D- 1422/1423,
ISO 2061, BS-2085



**Polorising Projection
Microscope**



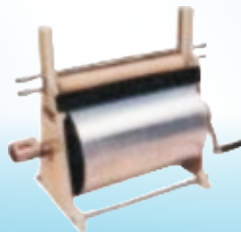
Magnification 125 X to 1000X
Standards : AATCC 20-2002

**Lea Strength
Tester**



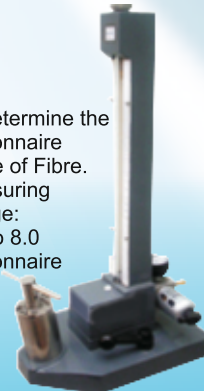
Digital Model
Capacity:
100, 250, 500
& 1000 kg.

Wrap Block



Circumference : 1 Yard
Drum Length : 14", 18"

Fibre Fineness Tester



To determine the
Micronaire
Value of Fibre.
Measuring
Range:
2.2 to 8.0
Micronaire

Trash Analyser



To determine the % of Trash
Micro-dust and lint in Sample
Of cotton Silver, Lap, and
Bale Cotton.

**Fibre Bundle Strength
Tester (Stelometer)**



Measuring of Strenger and
Elongation of Fibre Bundle Precisely
and Simultaneously. Measuring
Range 0 to 8 kgs. For Strength Scale
and 0-50% for Elongation Scale

Cotton Bare shorter



To measure fibre length, effective
length and % of short fiber.
Supplier with clamp,Valvet mat,
supporting black board andcombs.

**Yarn Appearance
Board Winder
(Motorised)**



With Reverse & Forward Motion
Standard : ASTM D-2255-02

Moisture Meter



For cotton, Wool, Polyster Etc.

LAB TESTING CONSUMABLE ITEMS

Imported Tube Lights of Philips

Holland & Thailand

D-65

TL-84

TL-83

CWF

UV

UL-30

UL-35



Pick Glass

1" x 1"

1 x 1/2" x 1/4"

1" x 1" with pointer

1" x 1" with pointer & light (imported)



SS Ball



For Washing Fastness Tester

Multi Fibers SDCDW & Style 42



ISO Blue Wool



Standard 1 to 8

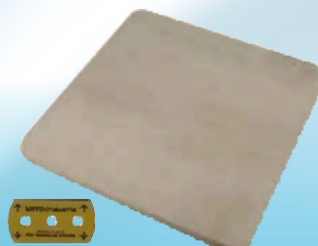
Washing Detergent ECE(A) & ECE(B)



Martindale Abrasion Consumables



GSM Cutting Pad & Blade



OTHER TESTING EQUIPMENTS

Muffle Furnance



Temp. range up to 1600c
Inner chamber size
100 x 100 x 225 mm
150 x 150 x 300 mm
with digital temp. indicator
and controller.
Optional with PID controler

Universal Testing Machine



Capacity 0 to 40 ton
Analogue & Computerised

Swatch Cutter



Width : 300mm blade &
500 mm blade

Rotary Flask Shaker



Platform size 16" x 16"

ETP LAB EQUIPMENTS

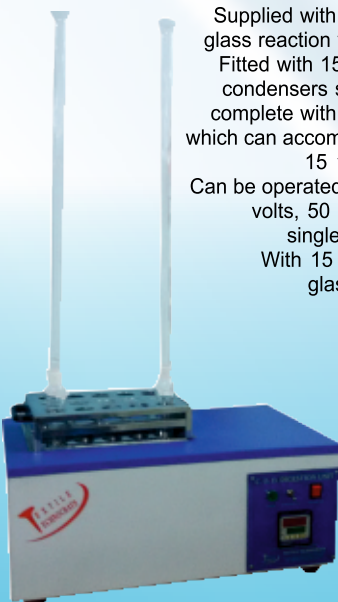
BOD. (Biological Oxygen Demand)

Double Wall Structure with insulation to prevent thermal losses. Inside Chamber of SS 304 & outer body of MS – Powder Coated.
Capacity - 18" X 18" X 24"
Temperature Range – 5 to 50°C + 2C
Compressor - Emerson make full view inner glass door with lock & key arrangement.
Air Circulating fan for Uniform Temp.



COD. (Chemical Oxygen Demand)

C.O.D digestion Apparatus comprising following fitted with a digital temperature having a timer 2 hours and also buzzer. Consist of a reaction vessel of 30-40mm.
Supplied with 15 nos. glass reaction vessels.
Fitted with 15 nos. air condensers supplied complete with a stand which can accommodate 15 vessels.
Can be operated on 230 volts, 50 Hz, and single phase.
With 15 block & glass parts



PH Meter (Digital)

PH Range : 0 to 14ph
mV Range : 0 to +1999mV
Resolution : 0.01pH; 1mV
Repeatability : +0.01 pH + mV
Accuracy : + 0.01pH + 1 digit
MV : +1 mV+ 1 digit
Input Impedance : >10 ohms.
Temperature Compensation Manual : 0 to 100 C



Hot Air Oven

To dry & to check the moisture of Fiber, Yarn and Fabrics.
Inside body : Stainless Steel (SS 304)
No. of selves : 2 adjustable perforated selves.
Out side body : MS power coated with stove enamel paint.
Body structure : double walled filled with mineral wool insulation
No. of heaters : 3X 1000 watts
Air circulation : by air circulating fan
Temp. control : by digital temperature indicator and controller
Temp. Display : Digital temp. display
Range of temp.: Ambient to 250C



Water Distillation Unit

Fully SS 304
Unit 4 Liter Hrs
Capacity : 6 / 10 / 20



TDS Meter



RUBBER TESTING EQUIPMENTS



Tensile Strength Tester

With cutting press
2 ton hydraulic jack
Bumble cutter dia-115mm
Related standard
IS 3400-Part-1
Grip as per rubber product
Capacity : 250,500,100 kgph



IRHD (Hardness Tester)



Specific Gravity Balance



Aging Oven 4 Cell

Multi-shell are
user friendly and
as per the
requirements of
IS : 10810(Part-11),
IS : 5831, IS : 540
and other
international
standard



Conditioning Chamber (Humidity Cabinet)

Din Abrasion Tester



Compression Set: Is 3400: Part -1

PLYWOOD TESTING EQUIPMENTS

Digital Tensile Testing Machine

Digital display for load & digital elongation.
Least Count-0.1kgf & 1 newton and
displacement (elongation) 0.01 mm



Conditioning Chamber (Humidity Cabinet)

With digital RH% indicator
and controller
Inside chamber
size 15" x 15" x 52"



Muffle Furnace

With digital temp. Indicator,
Controller & Timer. Inside chamber
size 150 x 150 x 300mm
Temp. Range up to 1000



Water Bath for Heating (Fully SS)



With digital temperature indicator and controller
Capacity 15" x 15" x 52"

Water Bath for Cooling (Fully SS)



With digital temperature indicator and controller
Capacity 15" x 15" x 52"



LIFE TIME MEMBER

Our Major Domestic Customer



Our Overseas Customers



Our Network

DELHI LUDHIANA TIRUPUR KOLKATA BHILWARA



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