



Asian

AN ISO 9001:2008 CERTIFIED COMPANY



Tensile Strength Tester



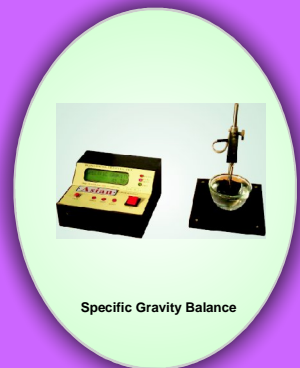
Indentation
Hardness Tester



Box Compression Tester



Bursting Strength Tester



Specific Gravity Balance



Hot Air Oven



Toxicity Tester



Flexometer



Melt Flow Index Apparatus



Din Abrasion Tester

Laboratory Solution by
Asian Test Equipment

MARTINDALE ABRASION CUM PILLING TESTER



Used for abrasion resistance of fabric or similar material. Abrasion cum pilling tester model also available.

ELMENDORF TEARING TESTER



Used for the tearing strength of fabric & similar material.

Range available : 200gm, 400gm, 800gm, 1600gm, 3200gm, 6400gm, 12800gm, 25600gm.

LAUNDER-O-METER



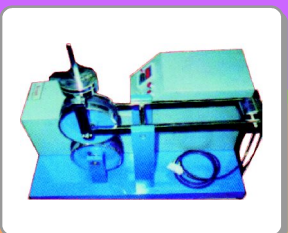
The Launder-o-meter is used for determining colour fastness of fabric & yarn against washing. Different models are available.

WRAP REEL



The Wrap Reel Used for making lea of yarn, which is used for count measurement or lea strength. Model available handy model & motorized model.

ENDURANCE TESTER FOR SYNTHETIC HOOK /LOOP (VELCRO) TAPE



The shear strength of all types of synthetic hook and loop tapes shall not decrease by more than 10 percent of their original value, after being subjected to 5000 cycles of closing and opening operation, the test is carried out by the endurance tester for synthetic Hook/Loop (for velcro) type

SNAPS,BUTTON PUSH PULL TESTER



Snap push pull tester used for measurement of pull out force of button (or similar material) from the garment. Analogue & Digital models are available.

BUNDESMANN WATER REPELLENCY TESTER



The Bundemann Apparatus used for water absorption & water penetration of fabric

ZIP ENDURANCE TESTER



This instrument is used for the reciprocating test of the Zip.

Fabric Equipments List

- Abrasion Tester
- Air Permeability Tester
- Atmospheric Pressure Beaker Dyeing Machine
- Beasley Balance
- Bundesmann Water Repellency Tester
- Bursting Strength Tester
- Button Snap Push Pull Tester
- Color Matching Cabinet
- Conditioning Chamber
- Crease Recovery Tester
- Crimp Tester
- Crock Meter
- Drape Meter
- Elmendorf Tearing Strength Tester
- Flammability Tester
- GSM Balance
- High Pressure Air Porosity Tester
- Hot Air Oven
- Hot pressing Tester for Button
- Lab Distillation Unit
- Laundrometer
- Light Fastness Tester
- Load Tester for Button
- Martindale Abrasion Cum Pilling Tester
- Muffle Furnance
- Oxygen Index Apparatus
- PH. Meter
- Pilling Tester
- Pressure Head Tester
- Pull out Tester for Zip
- Round Cutter
- Single Fiber Strength Tester
- Smoke Visibility Tester
- Soiling Tester
- Spray Tester
- Spread of Flame Tester
- Stiffness Tester
- Sublimation Tester
- Swatch Cutter
- Tensile Strength Tester
- Thickness Gauge
- Toxicity Tester
- Travers Thread Counter
- Water proffness Tester
- Weighing Scales for GSM
- Zip Abrasion Tester
- Zip Endurance Tester
- Zip Resistance to Heat Under Load Tester
- Zip Tensile With Various Type of attachments

Yarn Equipments List

- Beaker Dying Machine
- Crimp Rigidity Tester
- Direct Yarn Count Balance
- Lea Strength Tester
- Shade card Winding Machine
- Single yarn Strength Tester
- Wrap Reel
- Yarn Evenness Tester

SPECIFIC GRAVITY BALANCE DIGITAL MODEL



Used For The Specific Gravity Of Rubber, Plastic Or Similar Material. Digital And Analogue Models Are Available

DE-MATTIA FLEX TESTER



This Instrument Is Used For The Flexing Test Of The Rubber, Coated Fabric Etc. Deferent Models Are Available

CO-EFFICIENT OF FRICTION TESTER FOR PLASTIC FILM DIGITAL



The Cof Tester Horizontal Plane Is Used For The Determination Of The Coefficient Of Friction Test Of The Plastic Film Or Similar Material. Inclined Plane Type Model Is Also Available.

VICAT SOFTENING TEMPERATURE APPARATUS FOR PLASTIC



This instrument is used for VSP measurement of plastic & cable. Different models are Available.

HARDNESS TESTER



The Hardness Is Obtained By Penetration Depth Of A Indentor Of Specified Dimension: Models Available IRHD type Shore A/D (analogue & Digital model)

COMPRESSION SET APPARATUS



The Used For The Compression Strength Of The Rubber, Model Available
Compression Tester Under Constant Deflection (plate Type, Quick Clamping Type)
Compression Tester Under Constant Force (160 Kg And 800 Kg Capacity)

APPARATUS FOR TEMPERATURE OF DEFLECTION UNDER LOAD (HDT TESTER)



The Apparatus For Temperature Of Deflection Under Load/vicat Softening Point Apparatus Is Used For The Deflection Test Of Plastic Material Under Load And Temperature.

THICKNESS GAUGE



Different type of Thickness Testers Available
Bench/ Portable type
Analogue/ Digital, Coating/UV Thickness etc.

Rubber Equipments List

Adhesion Tester
Compressibility & recovery Tester
Compression Set Apparatus
De-Mattia Flex Tester
Dhona Balance
Din Abrasion Tester
Impact Resistance tester
Oxygen Index Apparatus
Ross Flex Tester
Rubber Hardness Tester
Scot Flex Tester
Smoke Visibility Tester
Specific Gravity Balance
Spread of Flame Tester
Tensile Testing Machine
Tension Set
Thickness Gauge
Toxicity Tester

Plastic Equipments List

Abrasion Tester for Plastic
Apparatus for Temperature of Deflection Under Load
COF tester for Plastic Film
Dart Impact Tester
Environmental Stress Cracking
Free Fall Type Impact Tester
Gravity Balance
Limited Oxygen Index Tester
Melting point apparatus
Melt Flow Index Tester
Pouch Compression Tester
Smoke Density Tester
Smoke Visibility Tester
Spread of Flame Tester
Tensile Testing Machine
Top load Tester for Plastic Bottle
Toxicity Tester

BURSTING STRENGTH TESTER



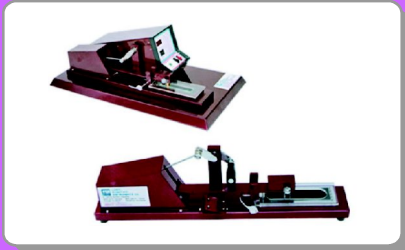
The Bursting Strength Tester Used Of Any Material Such As Fabric, Leather, Paper, Paper Board & Corrugated Box Etc. Models Available
Analogue, Digital, Digital With Pneumatic,

GSM BALANCE



The Quadrant Scale For GSM Is A Simple And Quick Device Which Directly Indicates The Weight Per Unite Area In Grams Per Square Meter (GSM) On A Sector Scale When A Sample Of Selected Size Is Suspended From A Clamp Fixed To The Pointer Arm. Digital Models are Also Available.
Supplied with 2 Templets.

CROCKMETER (For Coated Fabrics)



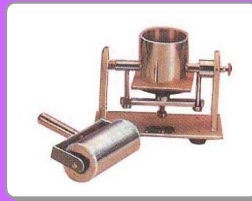
The Crockmeter Used for determination of colour fastness Textile/Leather of vinyl coated fabrics.. This tester is used for the determination of colour fastness against rubbing, either under dry or under wet condition. Handy and motor operated models are available

ROUND CUTTER (GSM CUTTER)



Gram per square meter of the fabrics/Paper is an important measurement of the fabrics. For accurate measurement the size (i.e. area) of the test specimen should be accurate. The accurate area cut by round cutter.

COBB TESTER



The Cobb Tester Used for resistance to water penetration is determined by the quantity of water absorbed by a paper or a board when one of its faces is placed in contact with this liquid, under the conditions.

COATING THICKNESS GAUGE



Used to check non ferrous coating as galvanizing, chrome, paint, electroplating on ferrous work pieces. other models are also available

PRESSURE HEAD TESTER



The Pressure Head Tester For Coated Fabrics And Treated Fabrics Is Used To Measure The Pressure Head Require To Penetrate The Water From The Sample. Different Models Are Available.

VIBRATION TESTER



Different type of vibration tables are available according to platform size & frequency

Paper Packaging Equipments List

Box Compression Tester
Bursting Strength Tester
Cobb Tester
Collapse Tester
Crush Tester
Drop Tester for Package
Elmendorf Tearing Strength Tester
Folding Endurance Tester
GSM Balance
Humidity Chamber
Pneumatic Sheet Press
Round Cutter
Sheet Former
Tensile Testing Machine
Thickness Gauge for Paper
Vibration Tester

Coated Fabric Equipments List

Bending Resistance
Blocking Tester
Bursting Strength Tester
Coating Thickness Tester
Cold Resistance
Crease Flex Tester
Crock Meter
Curling Tester
De-Mattia Flex Tester]
Dimension Stability Tester
Exposure Rack
Indentation Tester
Pressure Head Tester
Residual Indentation Tester
Resistance to various substance tester
Schildknecht Flex Tester
Tearing Tester
Tensile Strength Tester

WATER RESISTANCE TESTER For Upper Leather (Penetrometer)



The instrument used for determining the degree of waterproofness of boot or shoes upper leather under dynamic conditions simulating the conditions of wear

BENNEWART FLEX TESTER



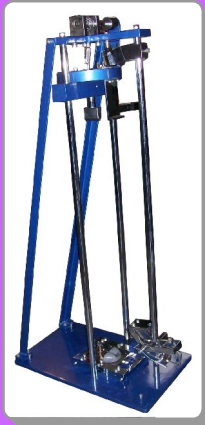
Bennewart flex testing is intended to determine the resistance of a sole material to cut growth during repeated flexing. It can also be used to assess the effect of surface patterns on crack initiation and growth.

WATER VAPOUR PERMEABILITY TESTER



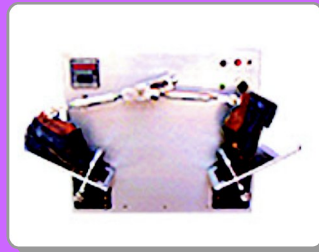
The Water Vapour Permeability Tester is used for the measurement of water vapour permeability of all type of leather.

TOE CAP IMPACT TESTER



The TOE CAP IMPACT TESTER is used for the Determination the performance of toes of protective boots against impact is an important performance test.

SHOE FLEX TESTER



The shoe flex tester is used for determination of the ability of the full shoe to withstand the effect of flexing stresses produced on the different parts of the shoe.

SOLE ADHESION TESTER



The Sole Adhesion Tester Used strength of adhesion of sole of a shoe to its upper is determined by measuring the force needed to pull off the sole from the upper.

Analogue and digital models are available

BELT FLEX TESTER



Out soles of footwear or other flexing components may suffer cracking in use due to flexing. Cracks usually develop at points of high surface strain resulting from the design of the sole pattern, without there being any cuts to initiate them.

Leather Equipments List

- Abrasion Tester for Sole Leather
- Bending Resistance Tester
- Crackness Tester
- Crock Meter for Leather
- Finish Film Adhesion Tester
- Flexometer
- Grain Strength Tester
- Heat Resistance Tester
- Kubelka Apparatus
- LastoMeter
- Rub Proofness Tester
- Shrinkage Tester
- Spray Tester
- Tensile Testing Machine
- Thickness Gauge
- Two Dimension Extension Tester
- Vamp Flex Tester
- Water Resistance Tester
- Water Vapor Permeability Tester
- Footwear Equipments List
- Abrasion Tester (Motorized)
- Belt Flex Tester
- Bennawert Flex Tester
- Cold Insulation Tester
- Electrical Resistance Tester
- Gravity Balance
- Heat Insulation Tester
- Leak proof Tester
- Shoe Flex Tester
- Sole Adhesion Tester
- Split Tear Tester
- Toe Cap Impact Tester

RUB PROOFNESS TESTER



This Instrument is used for the Determination of color fastness to Rubbing (wet and dry) of Light Leather

IMPACT TESTER FOR CONDUIT PIPE



The Impact Test Apparatus for conduit Material is used for the measurement of the impact strength of conduits pipe.

COMPRESSION TESTER FOR CONDUITS



The Compression Test Apparatus for conduit Material is used for the measurement of the compression strength of conduits pipe.

INDENTATION HARDNESS TESTER for foam



The INDENTATION HARDNESS TESTER Used for feel of softness of any flexible foam is quantitatively defined.

Indentation tester available for PU foam, Rubberised coir and Latex foam.

SHEAR FATIGUE TESTER



The ability of polyurethane foam slabs to withstand the effect of repeated compressions is determined with the help of a shear fatigue test.

SPRING TESTING MACHINE



We manufacture the spring test equipments which can be used for the load deflection test of compression. Tension spring. Models are available are digital model and computerised model.

SOFT MATERIAL THICKNESS GAUGE FOR FOAM



The Soft material Thickness gauge used for the thickness of Foam material. Due to very soft material the pressure required for thickness measurement is very small.

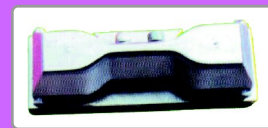
Analogue and digital models are available

BALL RESILIENCE TESTER



Resilience of polyurethane foam is determined by dropping a metallic sphere on a slab of foam kept on a horizontal surface from a height of 500 mm and finding the height to which it rebounds after striking the surface of foam

SAMPLE CUTTING DIE



We manufacture the different type of sample cutting die. Which can be used in rubber, leather, plastic, Foam, Cable etc.

Conduit/Electrical Appliance Testing List

- Ball Pressure Tester
- Bending Tester
- Collapse Tester
- Compression Tester for Conduit
- Endurance Tester for Switches
- Impact Tester
- Resistance to Burning Tester
- Resistance to Heat Tester

Foam Testing Equipments List

- Ball Resistance Tester
- Compression Tester
- Flammability Chamber
- Flex Tester
- Humidity Chamber
- Indentation Hardness Tester
- Pounding Tester
- Shear Fatigue Tester
- Tensile Testing Machine
- Thickness Gauge
- Thickness of Whole Sample Tester
- Weighting Scale

UNIVERSAL TESTING MACHINE (COMPUTERIZED MODEL)



Tensile, compression, shear strength and elongation are the prime characteristics of most of the raw materials, whether they are metals: or non-metals: such as rubber, textiles, plastic, paper: or finished products such as rods, wires, ropes, yarns, belts etcetera.

These properties very often play the major role in determining the suitability of any raw material for any specific application. It is therefore, of utmost importance to determine these characteristics accurately, conveniently, and quickly.

TABER ABRASION TESTER



There is various methods for the determination of the abrasion resistance of any material one of the methods is by resistance to wear by abrasive wheels. The progressive loss of material from the operating surface of a plastic material resulting from the cutting or scratching action of the abrasive wheel

ROCKWELL HARDNESS TESTER-DIGITAL



The Rockwell Hardness Tester is of cast-iron body. The enclosed design protects the internal operating parts from detrimental dust and extraneous elements. The main screw is also protected by a rubber bellow. The basic system is one of weights and levers. The weights under hydraulic dash-pot time control are applied on free end of lever, which transmits the pressure on plunger and there by on the work-piece for determination of hardness value. A clamping device enables the tight clamping of work-piece during the test which at times can not be checked under normal conditions. This machine conforms to relative IS, BS and ASTM Standards.

IZOD IMPAACK TESTER



The Impact Testing Machine are designed for conducting Charpy & IZOD tests for variety of materials mainly plastic and electric insulating materials. The test method strictly conforms to Indian and British standards namely IS: 867-1963 and BS: 2782 Part- III- 1965.

MUFFLE FURNACE



We have temperature range 900°C, 1200°C & 1400°C of Different sizes.

UNIVERSAL TESTING MACHINE (Digital Model)



Asian UTM are based on microprocessor digital technology. These testing equipment that we have are used for varied applications like bending, compression, tensile testing and peeling. Manufactured by experienced engineers and UTM experts, these universal testing machines with digital microprocessor based technology assure longer and maintenance free service life

PH METER



Digital pH Meter is ideal instrument for determination of pH Value of any solution. The results are displayed on a digit display. These are unique instruments that combine convenience with accuracy and precision in analysis. The temperature compensation facility, both automatic and manual is available.

Plywood & Laminates Equipments List

- Abrasion Tester
- Conditioning Chamber
- Glass Meter
- Hot Air Oven
- Impact Testing Machine
- Muffle Furnace
- PH. Meter
- Timber Moisture Meter
- Universal Testing Machine

General Lab Testing Equipments List

- Coating Thickness Gauge
- Conditioning Chamber
- Cooling Chamber
- Conductivity Meter
- DB. Meter
- Dhona Balance
- Desicator
- Distillation Unit
- Fume Hood
- Hot Air Oven
- IZod Impact Tester
- Lux Meter
- Melting Point Apparatus
- Moisture Meter
- Muffle Furnace
- PH. Meter
- Portable Hardness Tester
- Rockwell Hardness Tester
- Spring Testing Machine
- Swatch Cutter
- Soxlet Apparatus
- Shakers
- Torsion Testing Machine
- Tachometer
- Ultra sonic Thickness Gauge
- Water Bath
- Weighting Scale

CONDITIONING CHAMBER



Any product and material show different properties at different environment. So for checking the properties of any material and product a Standard Temperature & Humidity required for that particular product.



ASIAN TEST EQUIPMENTS

AN ISO 9001 : 2008 CERTIFIED COMPANY

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