



PRESTO®
Testing Instruments
Presto Stantest Pvt. Ltd.



Box Compression Tester



Bursting Strength Tester Digital Pneumatic



Peel Strength Tester Computerised



Moisture Meter



Drop Tester



Scuff Resistance Tester



GSM Round Cutter

PAPER & PACKAGING TESTING INSTRUMENTS



TORAY

OLYMPUS

Bestest®



National Quality Award
1st Prize Winners

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Dear friends,

Welcome to the world of Quality Testing Instruments.

From a humble beginning in 1983, Presto Stantest Private Limited has become one of the leading Testing Instrument Manufacturers in the Indian Subcontinent. Besides having branches all across India, the company is proud to have a commendable global presence.

Our long tradition of reaching our valued customers and providing them with the best & most economical solution is a rich legacy we have been carrying for more than 39 years.

We, at Presto Stantest, present to you a unique fusion -advanced features and precision testing rolled into state-of-the-art testing solutions. Testing the quality of your products has never been easier. Make our experience, your advantage!

Bests,

Mr. Vishal Malhotra
Managing Director,
Presto Group

Mr. Gaurav Malhotra
CEO, Presto Group

Why Presto ?

Because over **11,436** customers across the globe have put their faith in us and we have surpassed their expectations. And, because we ensure...

High Quality & Perfection



We are National Quality Award winners from the Government of India. All our products are unmatched in quality and design.

Cost Benefit



All our Products are manufactured in our 2 state of the art factories. They are standardized using CNC machines to provide long term cost benefits to customers.

Expertise & Adaptability



39+ years of experience in providing testing solutions to the world.

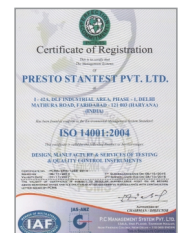
Highly Motivated Team



140+ Team members to provide best services PAN India and globally.



Head Office



Certifications



Automated Factory



National Quality Award
1st Prize Winners



Automated Machinery



**ISO 9001 : 2015
Certified Company**



**National Award Winner
for Quality Products**



**4 Decades of Experience
in this Industry**



**In-house Research
& Development Facility**

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PRESTO® Box Compression Tester Computerised



Model PBCC - 600 C

Available in 2 Models of Platform Size :

| | | | |
|-------|---------------------------|---------------------|-------------|
| Model | 600x600 mm | Capacity : 500 kgf | L.C. 200 gm |
| Model | 1000x1000 mm (1 x 1 Mtr.) | Capacity : 1000 Kgf | L.C. 500 gm |

- Other sizes can be customised

Box Compression Tester Computerised is a compact equipment with user friendly controls & software. It is a state of the art equipment. Cardboard boxes should possess sufficient compression strength so that they do not get deformed or crushed when stacked one above the other either during transit or in storage. The compression strength is determined by placing the box on a flat platform and pressing it down from the top with the help of another flat plate by a motorised arrangement.

It comes with Dual System viz.

- 1) Digital Display (Incase computer is not used/available)
- 2) Inbuilt hardware & software CD.

Features :

- The Graph Test Report is Force Vs Time.
- Report can be saved on desktop.
- 10 Sample Reports can be seen on one Report.
- Email facility of report
- Report Available in PDF format.
- Your company logo & address can be placed in the Test Report.
- Easy data management Report has description of Product name, Operator, Batch, Shape, Standard, Date, Time & Remarks.
- Pass/Fail criteria can be programmed.

The equipment comes complete with the Instruction Manual Electrical Wiring Diagram & Calibration Certificate traceable to NABL approved Labs.

* Computer & Printer not part of the offer.



PRESTO® Box Compression Tester Digital



Model PDBC - 600

Available in 2 Models of Platform Size :

| | | | |
|-------|---------------------------|---------------------|-------------|
| Model | 600x600 mm | Capacity : 500 kgf | L.C. 200 gm |
| Model | 1000x1000 mm (1 x 1 Mtr.) | Capacity : 1000 Kgf | L.C. 500 gm |

Box Compression Tester is used to check the compression resistance and long-term stacking strength of individual boxes, bulk containers and pallets. It stimulates the compressive load the package may experience in storage or during shipment due to stacking.

The equipment is very rugged with heavy cast iron base for stable performance at load. The highly sensitive load sensor is strategically placed to enable perfect corner to corner load results. The unit comes complete with over travel protection; 'TARE' and 'P/H' (Peak Hold) facility. A low cost & compact tester for the packaging industry.

- Microprocessor based display for accurate test results
- Highly accurate test results under uniform compression Force
- TARE and Peak Hold Facility Available
- Over travel protection
- Strong base plate with rugged structure
- Bright LED display
- Feather touch controls

Standard: ASTM D642, ASTM D4169, TAPPI T804, ISO 12048 & JIS Z0212.



PRESTO® Box Compression Tester Digital Mini



Model BCT Mini

| | | | |
|-------|-----------|------------------|-------------|
| Model | 250x250mm | Capacity 100 kgf | L.C. 100 gm |
|-------|-----------|------------------|-------------|

This equipment is designed to measure ability of the Mini cartons or printed Duplex cartons to resist external compression loads during transit and storage. It is important to evaluate the Compression Strength of the Box in order to make sure that the box will be able to resist the anticipated compressive forces and to determine the load that the box will be able to withstand during transit and storage.

Standards: ASTM D642, ASTM D4169, TAPPI T804, ISO 12048, and JIS Z0212

Key Features:

- Inbuilt calibration facility
- Direct Digital Readout of Compression Strength and Deflection
- Provision of faster speed for approach and return to top of specimen
- Microprocessor based display for accurate test results
- TARE and Peak Hold Facility Available
- Over travel protection and over load Protection





PRESTO® Bursting Strength Tester - Analogue

Bursting Strength is a reliable index of the strength and performance of materials like paper, paper boards, corrugated boards and boxes, solid fibre boards, filter cloth, industrial fabric, leather, Rexine, etc.

PRESTO® Bursting Strength Tester is ideal for testing a wide range of materials to determine their quality, strength and performance.

PRESTO® Bursting Strength Tester is easy to operate. It is scientifically calibrated for reliability. It is widely used by industries and institutions and stands out as a proven and reliable equipment.

- Single Push for Burst Button
- Highly accurate test results under multidirectional Force
- Strong Gripping clamps
- Grooved structure of Test Specimen Holder to avoid slippage and intact holding of specimen under test
- No slippage in case specimen is tightened uniformly using operating wheel.

Two-in-One :

Ranges 0-7 Kg/cm² and 0-35 Kg/cm² for testing paper & corrugated boxes



Model PBS - 203

PRESTO® Bursting Strength Tester - Digital

Bursting Strength is measured by giving a hydraulic pressure through a rubber diaphragm on a circular area of the specimen of CFB under test conditions. Force required to burst or complete rupture of the board is measured through a Digital Indicator . The quality of CFB is graded with the value of bursting strength.

Range : 40 Kg/cm² Least Count : 0.1 Kg/cm²

For determining the bursting strength of paper; corrugated boxes & paper board etc. by application of a hydraulic Load under a rubber Diaphragm of a specific area.

Features :

- It is completely micro controller based with original 'Intel' chip.
- TARE facility.
- Peak Hold facility for keeping the maximum value in memory.
- Bright LED display.
- Calibration Locking Facility

Optional :

Computerised models available :

- Bursting Strength Tester - Digital cum Computerised Model PBP - 400 ©



Model PBD - 400

PRESTO® Bursting Strength Tester – Digital Pneumatic

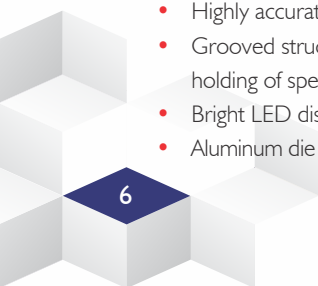
Bursting Strength Tester – Digital Pneumatic is a consistent tool to indicate the Strength and performance of material like Rexene, leather, paper boards, paper, uneven boards and boxes, industrial fabric and solid fiber boards, filter cloth, plastic films, Foils, sheets, etc. PRESTO Bursting Strength Tester is manufactured under various Test Standards ASTM D 3786-01, ASTM D 3786 –80A, ISO 1060 PART-I 1987.

- Constant pumping rate for better efficiency.
- Engineered to gauge pressure readings upto 40 Kg/cm²
- Single stroke, spring return Pneumatic Cylinder
- Auto Sample Locking under selectable pressure range
- Microprocessor based display for accurate test results
- Peak Hold facility for keeping maximum value of test result in memory
- 2 Kg/cm² standard clamping at uniform pressure with Pneumatic Cylinder
- Highly accurate test results under multidirectional Pneumatic Force
- Grooved structure of Test Specimen Holder to avoid slippage and intact holding of specimen under test by pneumatic cylinder.
- Bright LED display with feather touch control.
- Aluminum die casted pressure gauge: 0-10 bar, ±3% precision of full scale.



Model No. PBP - 600

* Presto Digital Bursting Strength tester are Excellent for testing paper and Corrugated Boxes with unique 2 point Calibration for low or high range. Change of Diaphragm / Dual Head not required. An economical accurate solution.



PRESTO® Bursting Strength Tester – Digital Pneumatic cum Computerised

Bursting Strength Tester – Digital cum computerized with pneumatic clamping is a consistent tool to indicate the Strength and performance of material like Rexene, leather, paper boards, paper, uneven boards and boxes, industrial fabric and solid fiber boards, filter cloth, plastic films, Foils, sheets, etc. PRESTO Bursting Strength Tester is manufactured under various Test Standards ASTM D 3786-01, ASTM D 3786 – 80A, ISO 1060 PART-1 I 987.

Available in Various models like Analogue, Digital Pneumatic, digital with manual clamping model with printer facility and digital model with printer facility.

Features :

- Auto Sample locking under selectable pressure range
- Microprocessor based display for accurate test results
- 10 Sample test reports can be seen on one report.
- Graph test report is Pressure Vs Time
- Report can be saved on desktop
- Email facility of report
- Data can be tabulated in Excel
- Standard, Date, Time & Remarks.
- Pass/Fail Criteria can be programmed
- Inbuilt hardware/software CD



PRESTO® Bursting Strength Tester – Digital Pneumatic with Printer

Bursting Strength Tester is a consistent tool to indicate the Strength and performance of material like Rexene, leather, paper boards, paper, uneven boards and boxes, industrial fabric and solid fiber boards, filter cloth, plastic films, Foils, sheets, etc. PRESTO Bursting Strength Tester is manufactured under various Test Standards ASTM D 3786-01, ASTM D 3786 – 80A, ISO 1060 PART-1 I 987.

Features :

- Range : 40 Kg/cm² Least Count : 0.1 Kg/cm².
- It is completely microcontroller based with original 'Intel' chip.
- TARE facility.
- Peak Hold facility for keeping the maximum value in memory.
- Print report gives the burst value as on digital display.
- Single Push Button Operation.
- Highly accurate test results under multidirectional Force.
- Memory to hold up to 9 test reading.
- Comes complete with Inbuilt Thermal Printer Facility.
- Test reports includes date, time of test and peak burst value in kg/cm²

USP : Twin Point Calibration to give accurate results for Paper and Corrugated Boxes. wherein the diaphragm load is built in for low as well as high range.

IQ, OQ, PQ available on request.

- Excellent for testing paper and Corrugated Boxes with unique 2 point Calibration for low or high range.
- Change of Diaphragm / Dual Head not required.
- An economical accurate solution.



PRESTO® Burst Genie Smart 3.0 Prima

Burst Genie smart 3.0 is designed as a stable mechanical structure with a focus on precision, quality, and durability. The equipment is featured in such a way that when a test is complete, the dynamic fixtures automatically move to home location. It comes with thermal printer which can instantly print the test result without the hassle of cartridge refill. It has been powered by Cortex-A8 high speed processor and 65,536 color LCD display panel.



Model No. PBP - 600 C

* Computer & Printer not part of the offer.



Model No. PBPR - 400 (P)



Model Prima Smart Genie 3.0



PRESTO® Scuff Resistance Tester NXG

Scuff Resistance Tester NXG is a unique test instrument to determine the color transfer from printed or coated material against rubbing. It checks the color transfer when one surface is rubbed against other when subjected to continuous rubbing under specified load. PRESTO Scuff Resistance Tester is designed as per standards ASTM F2497-05, BS 3110:1959

- Highly accurate test results under uniform load and specified movement.
- Uniform load by weights on test sample for evenness in testing
- Provision of Set number of counts through Digital Preset Counter
- Firm hold of test specimen by circular clips/clamps
- Digital Pre-settable counter upto 999999 counts with LCD Display
- User friendly electronic controls and ergonomically designed feature
- Anti Vibration pads.



Model PSR - 292 LCD

PRESTO® Scuff Resistance Tester

Scuff Resistance tester is an ideal instrument to test the ability of printed materials to withstand the surface rubbing. It measures the number of double strokes needed to cause

- 1) Fuzz (appearance of loose fuzz), and
- 2) Peel (actual rupture of the surface).

Technical Specifications :

- **Pressure on Sample** : 2psi separate weights provided
- **Sample Size** : 50 mm and 112.5 mm Diameter
- **Controls** : Digital Preset Cycle counter
- **Power Requirement** : 220V AC, 50 Hz, Single Phase.
- **Test Speed** : 60 RPM

* 110 V AC model also available on request.

* Touch Screen model also available.

* IQ OQ PQ on request.



Model PSR - 292

PRESTO® Scuff Resistance Tester - Touch Screen Prima

Scuff Resistance Tester is a unique test instrument to determine the color transfer from printed or coated material against rubbing. It checks the color transfer when one surface is rubbed against other when subjected to continuous rubbing under specified load. PRESTO Scuff Resistance Tester is designed as per standards ASTM F2497-05.

- **HMI based Touchscreen Model**
- **Motorised Geared system** for scuff movement
- **Easy Data Management.** User can create product identification, user name, set count, set weight etc.
- **Blower with set counts and Auto/Manual operation.**
- **USB option available.** Data output in data record format.
- **Highly accurate test results under uniform load, specified diameter.**
- **Pass/Fail Criteria can be programmed**



Model PSR - 292 Prima

PRESTO® Moisture Meter

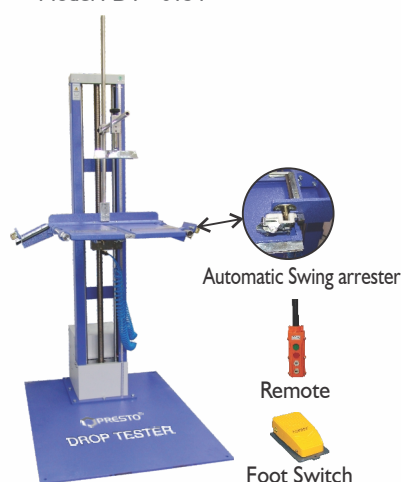
- Compact, design used to measure % Moisture content for paper type.
- Three paper type are available for Selection : a) Paper (4.7- 18.2%)
b) User calibration (8 - 100%), c) Baled scrap paper (6-40%)
- Average, Total, Highest and lowest readings, can be displayed
- Internal memory: Total of 300 readings can be stored (100 for Each Paper type selected)
- Result is compared with set limits. According to set limits PASS/FAIL indication is displayed on screen
- Auto power off saves battery



Model PTM - 2020



Model PDT - 0134



Model PDT - 0135



Model PRC - 101



Model GSM - 20

PRESTO® Drop Tester

Drop tester is a reliable instrument that can be used for analyzing the ability of the packaging containers to withstand the drops faced by them during transit and shipping (As per IS:7028 Pt IV). Provision with angular drop arrangement to ascertain the transport worthiness of the package from all angles. Suitable for Boxes, Jerry cans.

- Provision to lift up test platform by guide mechanism
- Drop Height adjustable clamp
- Straight and Angular Drop tests can be performed on a single Instrument

- Drop Height : 500 mm (adjustable upto 1800 mm)
- Load : Upto 50 Kg
- Customized capacity available.



PRESTO® Drop Tester Motorised / Pneumatic

Drop tester is a reliable instrument that can be used for analyzing the ability of the packaging containers to withstand the drops faced by them during transit and shipping (As per IS:7028 Pt IV). Provision with angular drop arrangement to ascertain the transport worthiness of the package from all angles. Suitable for Boxes, Jerry cans.

- Load : Upto 50 Kg
- Remote controlled Pneumatic test operation.
- Motor : Single phase, 1440 RPM

- Straight and Angular Drop tests can be performed on a single Instrument
- Provision to lift up test platform by motorised guide mechanism.
- Over travel protection by safety limit switches.
- Drop Height : 500 mm (adjustable upto 1800 mm)
- Customized capacity available.



PRESTO® Grammage Checking Kit

GSM Round Cutter is a consistent tool useful for precise circular cutting of samples. Used to check the grammage of various sample it cuts a sample with 100 sq.cm size rapidly and accurately.

- High Quality Aluminum pressure die casted main body
- Light weight and resilient
- Heavy Duty German Cutting Blades
- Available with Safety Latch Facility

Digital GSM Balance Table Top high accuracy balance

- Capacity 200gm • L.C. - 0.01 gm
- * Least count 1 mg & 0.1 mg also available.



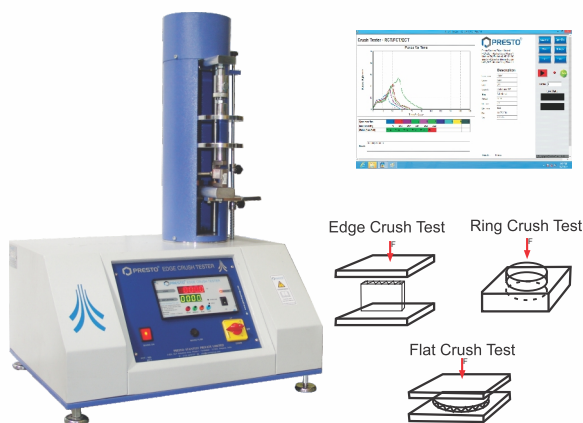
PRESTO® ECT Crush Tester

RCT/FCT/Edge Crush Tester is a consistent tool to measure the crush strength of cardboard boxes and packaging containers. PRESTO RCT/FCT/Edge Crush Tester is manufactured under Test Standard IS 7063.

- Microprocessor based display for precise test results
- Highly accurate test results under compression force
- Inbuilt calibration facility
- Separate fixtures for ring crush, edge crush and flat crush test.

* Optional : Computerised Model available on request.

- Capacity : 100 Kgf
- Least Count : 0.01 Kgf
- Accuracy : $\pm 2\%$
- Power Requirement : 220V AC, 50 Hz, Single phase



Model PCT - 100



PRESTO® Hot Air Oven

Hot Air oven controller has Special T/P action to avoid overshooting of temperature. Stainless Steel Inside Chamber, outer is Mild Steel powder coated.

Complete with Hot air blower and Digital Temperature Indicator cum Controller. A separate control panel housing all indicators is provided on the right side of the main body allowing easy maintenance and accessibility Aesthetically designed for long life and comfortable usage. **Two Stainless Steel adjustable trays** are provided for sample storage.

- **Size** : 18 inch x 18 inch x 18 inch inside.
- **Maximum Temperature Range** : Ambient - 250 °C
- **Electrical Requirement** : 230 Volts; 50 Hz; single phase.

Optional :

- Digital Pre Set Timer 999 Hours with Memory back up.
- Chart Recorder.
- Prima series also available i.e computerised
- * Non Stop Oven Testing for Maximum 8 Hours.
Longer duration Tests please opt for Ageing Oven. Ask for details .



Model PSO - 451

- Model with Temp. Max. 300°C also available.
- * Other sizes are available on request.

PRESTO® Puncture Resistance Tester

Puncture Resistance Tester clamps the sample on a fixture and is pierced with the help of a pendulum released from 90 Degree position. The pendulum head is made pointed in a pyramid shape. Different weights are provided in the pendulum for different scales. A pointer is fitted in the pendulum which gives the reading in a calibrated scale.

Related Standards: IS: 7028 (Part VI) 1973 & 7028 (Part IX) 1975 TAPPI: T 804 om-02 ASTM: D 4577: 94/D 642:98 FCBM: 14:96 FEFCO: TM 50 1997

Standard:

- IS 4006 – 1987 (Part-II)

Significance:

The CFB box may get impact from the sharp corner of any article during the handling and transportation. That may be simulated by the puncture resistance testing machine. Higher the CFB quality better will be puncture resistance value.



Model PRRT - 0164

PRESTO® Stiffness Tester

Stiffness Tester can be used to measure stiffness or flexural rigidity of paper and paper board. Stiffness Tester is used to determine the resistance of paper and paper board to bending. The economic value of paperboard highly depend upon its bending resistance or stiffness.

The instrument is a two directional pendulum type system. Force is applied to the lower end of the specimen by a pair of rollers attached to the driving disc. The resulting torque tilts the pendulum from its vertical position and the reading is shown by the pendulum. This is a Taber Type Instrument.

- **Angle of Test** : 7.5°, 15°



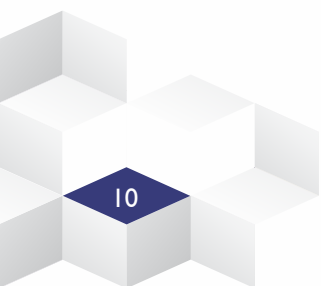
Model PST-001

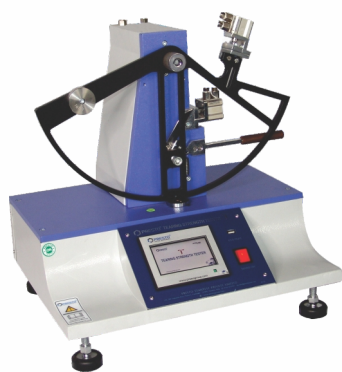
PRESTO® Crease Stiffness Tester Prima

Crease and Stiffness Tester Prima model is featured in such a way that when a test is complete, the dynamic fixtures automatically move to the base location. It also stores the stiffness value and is designed to provide a precision load with high accuracy. It has power to control the program parameters for time at your choice and convenience.



Model Prima PCS 3.0





Model PTT-560 Prima

PRESTO® Tearing Strength Tester Touch Screen

Tearing Strength Tester is a consistent tool useful to determine the tearing strength of fabrics, plastic films and similar materials. Tearing Strength Tester is the tensile force required to rupture a pre-slit sample under controlled test conditions. PRESTO Tearing Strength Tester is designed as per standards ASTM D1424-09(2013), ASTM D624-00(2012), ASTM D1776, ASTM D689.

- High Quality rugged structure with corrosion resistant main body
- Pneumatic specimen clamping and automatic release of pendulum
- One touch hassle free operation
- Highly accurate test results under multiple pendulum weights
- Strong gripping fixture for holding test samples



Model PDI - 350 Prima

PRESTO® Dart Impact Tester Prima Series

Dart Impact Tester Prima Series is a consistent tool for determining the impact of a free falling dart on a plastic film. PRESTO Dart Impact Tester is widely used by plastic film manufacturer for assessing the strength and durability of their plastic films, flexible films, sheets and similar other products. Works according to both Method-A and Method-B of test standard.

- **HMI based Touchscreen Display** with tilted panel for effective visualisation
- **Sample Clamping : Pneumatic**
- Integrated **Test Pass/Fail criteria with Impact energy in Joules**
- Export test report in Excel format, User name, Test method, Failure mass, Impact energy, Date, Time of test
- **Inner Diameter of clamp : 127 mm**
- **Diameter of Dart head : Method A – 38 mm, Method B – 50 mm**
- **Drop Height : 660 mm and 1524 mm(Adjustable)**
- **Length of Dart : Method A – 212.8 mm, Method B – 226.5 mm**
- **Maximum weight holding capacity of Dart Holding Mechanism : 2 Kg**
- **Dart Head Material : Special Silicate**



Model PDI - 350

PRESTO® Dart Impact Tester

Dart Impact Tester is used for determining the energy that causes plastic films to fail under specified conditions of impact of a free falling dart. The dart has a hemispherical head and can be dropped from variable heights, its held by a strong electromagnetic Dart holder which releases it at the press of a button.

Technical Specifications :

| | |
|-------------------------------|----------------------|
| • Sample Holding | : Vacuum pump |
| • Vacuum Pump Type | : Oil Pump, 1/4 HP |
| • Inside diameter of clamp | : 127mm |
| • Specimen size | : Strips of 240 mm |
| • Release Mechanism | : Electro Magnetic |
| • Diameter of dart head | : 38mm |
| • Weights | : 5 gms to 500 gms |
| • Height of fall (Adjustable) | : 220, 660 & 1524 mm |
| • Counter | : Digital |

Reference Standard : ASTM - D1709, ISO 7765



PRESTO® Co-efficient of Friction Tester (Static & Dynamic)

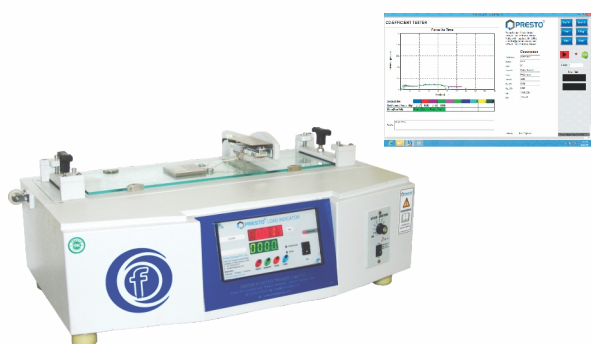
Co-efficient of Friction Tester is primarily designed to determine the Co-Efficient of Friction of Plastic films, Sheets, Laminate, Pipes and paper etc. The equipment provides measurement of static and kinetic co-efficient of friction.

The apparatus conforms to ASTM D-1894 and other equivalent standards.

- Microprocessor based display for accurate test results
- Slider Block for performing tests – Sample to Sample, glass or metal
- Highly accurate test results under sliding friction.
- Bright LED display with Feather touch controls

Optional :

- Computerised Model also available Model PCOF-159 ©
- * Computer & Printer not part of the offer.



Model PCOF - S03



PRESTO® Computerised Tensile Testing Machine & UTM

Tensile Testing Machine Computerised is a consistent tool that helps the manufacturer in testing the breaking, tensile and compression strength of various materials, components and finished products. It is based on the principle of Constant rate of extension (CRE).

- Speed Control through Variable Frequency drive automation by Graphic user interface PC.
- Highly sensitive load sensor with linearity feature and repeatability
- Cross head travel length: 800 mm without grips
- Twin column rugged structure
- Safety limit switches for over travel safety
- Hardened lead screws/ball screws for frictionless movement
- Micro-controller based system controls with integrated software
- User Friendly software with intuitive icons
- Easy Data Management. User programmable product identification, lot no., shape of specimen, company name, operator details etc.
- Export Test report in excel format
- Print preview of test reports with Zoom Feature available
- Online test run status can be viewed graphically or in raw data
- Ease of use features: Graph setup, test control wizard, formulae/result calculations, reports, live test panel.
- Automatic end test/return to home position through software interface after completion of test.
- Immediate result analysis after test with accuracy & precision.
- Option to email test reports
- Single Test start with one click entry of the mouse.



Model Zues Ultimo



Other Capacities Available :

- Capacities (Kgf) : 10 20 50 100 250
- Least Count : 1gm 2gm 5gm 10gm 100gm

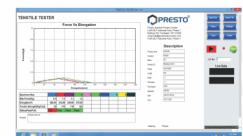
PRESTO® Digital Tensile Testing Machine

Digital Tensile Tester is a state of the art, highly versatile equipment for checking the breaking strength of packaging related raw materials and finished products. It is based on the principle of Constant rate of Traverse (CRT).

- Structure : Single column lead screw low friction
- Capacity : 250 Kgf
- Maximum travel length : 750 mm grip to grip.
- Safety Limit Switches for Over Travel Protection.
- In built Internal Load Calibration option.
- Optional :
 - Wintest one way communication software
 - Advanced load sensor sensing through advanced electronics.
 - Graph of Force Vs Elongation
 - Easy Data Management. User can create product identification, Sample ID, Shape of specimen, company name, operator details etc.
 - Auto Cut off Facility.
 - AC Speed drive as optional accessory (Variable Test Speed)
 - Specially designed gripping jaws for holding fragile samples.



Model ATTM - 250



- Optional :
PC compatibility option available (Data transfer to PC with Wintest Software)

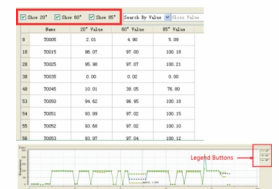
Gloss Meter - Triangle 20°, 60°, 85°

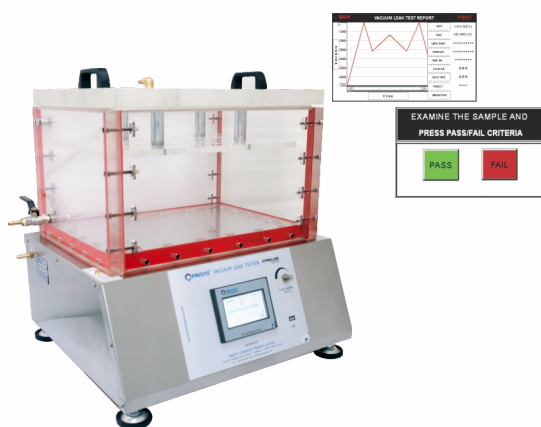
Gloss Meter - Triangle gives good correlation with visual gloss or shining provided the sample is flat. The degree of correlation decreases as the sample deviates from being flat. This method is widely used as a partial measure of the surface quality and shining appearance of coated paper.

It is a compact; portable; sensitive & accurate instrument available in models: mains operated laboratory purpose and handy battery operated for the measurement of geometry 20°, 60°, 85°. It can be used for the measurement of gloss/brightness of **Paints; Opaque Glasses; Plastics; Ceramics; Porcelains; Paper; Cloths; Pigments; Powder etc.** This instrument is also useful to measurement of Brightness/whiteness of Plantation white sugar & measurement of reflectance of fabrics.



Model TKT - 862





Model PVL - 0131- Prima

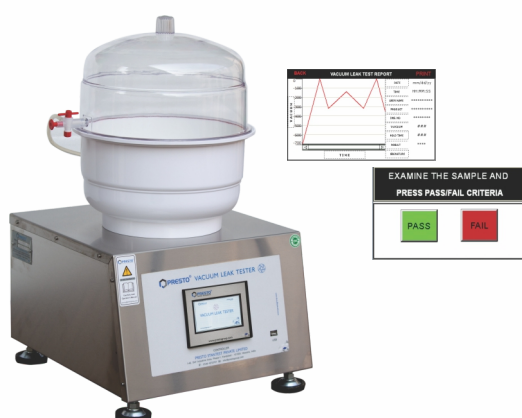
PRESTO® Vacuum Leak Tester - Prima

The Presto leak detector machine is a high quality packaging seal integrity tester that adds quality control measures to your packaging applications. Regardless of contents, the vacuum seal integrity test will help ensure that your packaged product is sealed to your specifications. Benefits of will be realized by many industries from package manufacturers and converters to end user packagers in the packaging of: Coffee, foiled cups, gels, pouches, grains, cereal, bakery, namkeen, chips, confectionery, snacks, pasta, frozen foods, cheese, pet food and treats, Medical and pharmaceutical.

- **Bubble Emission Leak Test Procedure**
- Dry Chamber Flexible Package Testing

Specifications:

- 10 Vacuum adjustable up to – 900 mb (675 mm-Hg.)
- 10 Touch Screen display
- 10 2 stage vacuum and holding time setting
- 10 **Chamber Internal Size** : W 444 x D 300 x L 250 mm



Model PVL - 0132 - Prima

PRESTO® Vacuum Leak Tester - Prima

The Presto leak detector machine is a high quality packaging seal integrity tester that adds quality control measures to your packaging applications. Regardless of contents, the vacuum seal integrity test will help ensure that your packaged product is sealed to your specifications. Benefits of will be realized by many industries from package manufacturers and converters to end user packagers in the packaging of: Coffee, foiled cups, gels, pouches, grains, cereal, bakery, namkeen, chips, confectionery, snacks, pasta, frozen foods, cheese, pet food and treats, Medical and pharmaceutical.

- Dry Chamber Flexible Package Testing

Specifications:

- 10 Vacuum adjustable up to – 900 mb (675 mm-Hg.)
- 10 Touch Screen display
- 10 2 stage vacuum and holding time setting
- 10 Available in two sizes sample chambers (i) Ø 150 mm (ii) Ø 300 mm



Model PVL - 0130 (150mm)

PRESTO® Vacuum Leak Tester

An Economical model Vacuum leak tester is a consistent tool to check the seal integrity, pressure decay, seal performance of specimen like foiled cups, gels, pouches, pharmaceutical pouches, sealed tubes, food pouches etc.

A defined vacuum is generated in the chamber to measure integrity for the evaluation of the leak-proofness of the foil packaging to assure that the seals are intact. It is primarily used as the last before storage and warehousing.

- **Sample Chamber Size** : Ø 150 mm
- Available in two sizes sample chambers (i) Ø 150 mm (ii) Ø 300 mm



Model PVL - 0131 Prima

PRESTO® Vacuum Leak Tester Touch Screen - Prima Series

Vacuum leak tester is a consistent tool to check the seal integrity, pressure decay, seal performance of specimen like foiled cups, gels, pouches, pharmaceutical pouches, sealed tubes, food pouches etc. PRESTO Vacuum Leak Tester is manufactured under various Test Standards ASTM D 4991-07 (2015), ASTM F 2338-09 (2013).

- Vacuum Pressure display incorporated in HMI for easy pressure monitoring
- Running Timer with Initial Delay, Hold Time and Retention Time.
- Microprocessor based for accuracy and repeatability
- Vacuum Vs Time graph of the output
- Program profile for selecting test parameters and performing the test.
- Easy Data Management. User can create product identification, set vacuum, hold time, retention time etc.
- USB port available for storing test data and Graph
- Sample Chamber Size : Ø 150 mm x H 300 mm





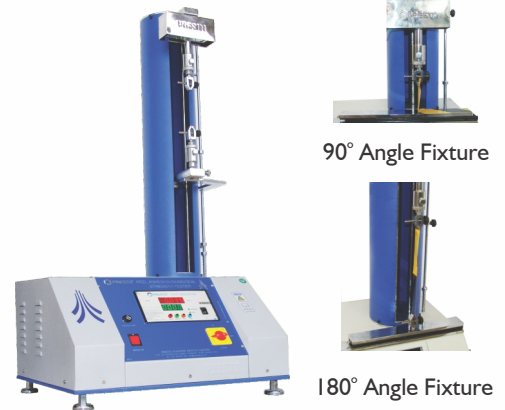
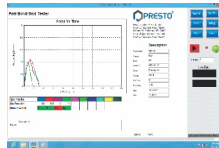
PRESTO® Peel / Seal Strength Tester - Digital

Peel / Seal Strength Tester - Digital used for checking the Peel, Adhesion, Bond, Seal Strength testing for Plastic Films/ Laminate and Foil. Designed as per standard ASTM D-1876.

- Microprocessor based display.
- Highly accurate test results under elongation force
- Highly recommended for BOPP Tapes, Foil &
- **Speed** : 300mm / min.
- **Capacity** : 20 Kgf (other capacity available)
- **Least Count** : 2 gm

Optional :

- * Computerised model also available Model PPSS-2000 ©
- * 90° & 180° Test can be done with separate optional fixtures .
- * Computer & Printer not part of the offer.



Model PPSS - 2000

PRESTO® Laboratory Heat Seal Tester Prima

Laboratory Heat Sealer Pneumatic Model laboratory Heat Sealer with adjustable force. 15 to 180 Kg with adjustable temperature. (Digital Display/ Microprocessor based) Both jaws with separate temperature sensors and controllers can be heated separately at different temperatures also. User can even switch off one heater and keep the other on heat. Special Imported P.I.D. Logic Temperature Controller for highest levels of control and repeatability. With adjustable dwell time 0.0 to 999 Seconds (Digital Display / Microprocessor based)

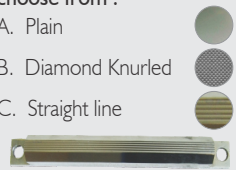
Seal Pattern : Straight lined or dotted.

- **Range** : Ambient to 250°C
- **Least Count** : 0.1°C
- **Length** : 150 mm

- * Optional 300 mm & 500 mm also available.
- * Please confirm type of Sealing Pattern at the time of order

Three type of jaws to choose from :

- A. Plain
- B. Diamond Knurled
- C. Straight line



Model PLHS - 23 Prima

PRESTO® Hot Tack Tester - Prima Series

Hot Tack Tester is a consistent tool used to perform Hot Tack & Heat Seal performance test of laminated films, plastic films, adhesive tapes and other similar Flexible plastic products. PRESTO Hot Tack Tester is manufactured under various Test Standards such as ASTM F 1921, ASTM F 2029.

- Excellent system controls with latest HMI Based Touch Screen display.
- Preset Timer function incorporated in HMI for accuracy and repeatability.
- Highly accurate test results under pneumatic pressure control.
- Strong heating jaws for performing tests
- No slippage in case specimen is tightened uniformly using clamping knobs without any loops.
- USB port available for storing test data.
- Speed Control through Variable Frequency Drive
- PID temperature controller setting through HMI control.
- Fully automatic test after simple setting.
- Easy to access inbuilt self calibration facility.



Model : HTPP - 63 Prima

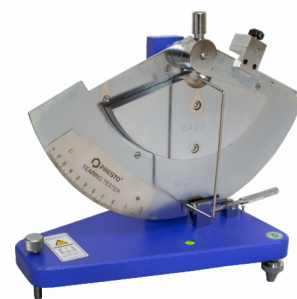
PRESTO® Tearing Strength Tester (Elmendorf Type)

Tearing Strength Tester is useful for determining the tearing resistance of Paper/Film. Complete with 1600, 3200 & 6400 gm Loading Scales and Calibration Check Weights.

Technical Specification :

- Clamping surfaces of Clamp : L-35.5mm x M-15.5mm
- Distance between clamps : 2.5 ±0.25mm
- Tearing Distance : 43 ±0.15mm
- Scale Reading : 0 to 100% Range

Standards : ASTM D-689 ;BS 4153; ASTM D1424; DIN 53862; M&S 29



Model PTT - 156



Model : PCC 800



Model : PST - 2001



Model Spectrum Asia

* EURO & USA models also available.



Model PVT - 100

Optional : Computerised Model also available.

* Other sizes available on request

Screen Shot

PRESTO® Conditioning / Humidity Chamber

Conditioning / Humidity Chamber is an ideal environment chamber with the latest technology used to create the designated temperature & humidity. It has complete DIGITAL controls.

Technical Specification :

- **Humidity** : Range 65% - 95% ($\pm 5\%$)
- **Temperature Range** : 10°C to 60°C ($\pm 3^\circ\text{C}$)
- **Inside** : Stainless Steel
- **Outside** : Mild Steel duly powder coated
- **Viewing** : Viewing Glass incorporated for visual Examination of sample.
- **Humidity Control & Temp. Controller** : Digital controller for both humidity & temperature
- **Timer** : Digital Pre-Set type. Timer to cut off Chamber after set no. of hours.

* Optional computerised model also available.

* Optional complete Stainless Steel model also available



PRESTO® Perforation Tester for Pouches

Perforation Tester is a consistent tool to quantify the perforation strength or tensile ability of perforated materials like pouches, thermoplastic films, paper & packaging. They are used after separation of two consecutive sheets. It is important to know the efficiency of the pre-cut perforations. The perforation strength should be enough to ensure the product cohesion in order to separate the samples easily.

- Works on Constant Rate of Elongation (CRE) Principle
- Display for Perforation strength of test specimen
- Memory to hold up to 9 test reading
- Inbuilt calibration facility
- Load Capacity : 50 Kgf
- Least count / Resolution : 0.05 Kgf
- Speed : 300mm/min $\pm 5\%$

Perforation Tester reveals the perforation strength force required to remove perforations, which has been applied to standard test specimen under specified conditions at a specified angle.



PRESTO® Colour Matching Cabinet

Color Matching Cabinet Spectrum Asia is a consistent tool useful for visual assessment and evaluation of colors. Used in various industries and laboratories to maintain quality and color consistency of a sample to detect the phenomenon of metamerism.

Light sources :

- Artificial daylight D 65, • Fluorescent TL 84
- Filament, Ultra Violet, • INCAA, • CWF
- Standardized and controlled lightening conditions.
- Wide Viewing Area available with 45° viewing booth



PRESTO® Vibration Table Digital

Vibration Table is a consistent tool for checking road worthiness of packages. It simulates the vibrations and jolts subjected to various packages and products during handling and transportation. PRESTO Vibration Table is manufactured under various Test Standards ASTM D999, TAPPI T-17, IS 7028(part II). Available in Electrotechnical, Pneumatic and Electromagnetic models also

- Max. Load Capacity 100 kg
- Digital LED display with feather touch controls
- Digital Timer upto 99.9 min or 99.9 hrs.
- Sample Slippage protection: rail on all sides.
- Testing model: Vertical synchronous, Vertical asynchronous, Swivel synchronous, Swivel asynchronous
- Adjustable Frequency: 2Hz to 6Hz
- Amplitude: 25 mm peak to peak.
- Angle in Swivel model: 0°, 30°, 60°, 90°.





Wall Thickness Gauge Digital - Magnamike 8600

It is an easy to use thickness gauge that utilizes a magnetic method to make fast, accurate and repeatable measurement on non ferrous materials. Non-destructive testing for measuring the wall and the base thickness on bottle with complex shapes without cutting. It can also measure preform thickness.

Internal Alphanumeric Data logger, Including :

- Standard Probe with Hall effect sensor
- Probe Stand & Cable
- External power Supply / Charger
- RS 232, USB Com, SD card slot.
- Interface Program - Windows based.
- Calibration Kit.
- **Optional** : Li-on Rechargeable Battery, Foot Switch.



Model Magnamike - 8600

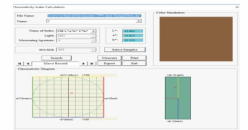
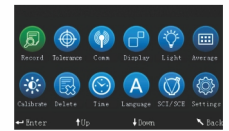
Portable Colorimeter - TP 310

TP310 is a high quality based very portable measuring device which is equipped with international color sensors with multiple channel that offer IC platform with more stability as well as accurate and efficient algorithms that provide users, fast and accurate management techniques and applications.

- Offers highly stable performance for measurement
- Flexible locating with high accuracy
- Light Sources : D65, D50A
- Computer software provides more functional expansion
- Viewing geometry 8°/d.
- The machine provides LED Blue light excitation sources.
- It is equipped with a silicon photo diode array type sensor.
- The measuring Aperture of the instrument is Ø 8mm/4mm.
- The machine provides a wide range of color space which includes CIEL*a*b*C*h* CIEL*a*b, CIEXYZ
- The instrument works on following color difference formulas:
 $\Delta E^*ab \Delta L^*a^*b \Delta E^*C^*h$



Powders & Liquids also Measurable (option)



Model TP - 310

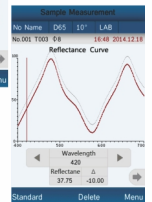
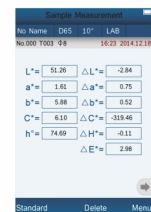
Spectrophotometer - TP 800

TP800 colorimeter provides highly accurate results and is precised to any color. The device not only calculates the L* ab value, but also helps to measure the Delta E value precisely. The device clearly displays the spectral reflectance curve with which one can realize the color matching functions easily and can calculate the factors of different color formulas.

- 45/0 geometric optical structure strictly adheres to DIN, CIE, ASTM and ISO standard.
- 3.5inch display screen with smooth touch operates the instrument easily.
- Two regular spectator standpoint, multiple light source modes, and a wide range of color systems.
- Recurring of the values of ΔE^*ab is less than or equal to 0.04, and the errors are less than or equal to 0.2, ΔE^*ab
- Large storage capacity can save 10000 data in its memory.
- Inbuilt PC software offers controlling additional functions.
- Comes along with Universal test component which gives highly accurate results for test powders, liquids and pastes



Powders & Liquids also Measurable (option)



Model TP - 800

Spectrophotometer - TP 3100

A color spectrophotometer is an instrument designed for physical sample analysis via full spectrum color measurement. Color spectrophotometers offer a higher level of flexibility and versatility than colorimeters due in part to the fact that they offer multiple illuminant/observer combinations and can operate in multiple geometric arrangements.

Features

- 3.5-inch TFT color LCD, Capacitive Touch Screen,
- Dual mode for data transferring USB/Bluetooth 2.1
- Capacity to store measurements upto 2000 readings & 20000 sample readings.
- Optical Geometry : Reflect: di:8°, de:8°(diffused illumination, 8° viewing angle)
- Light Source: Combined LED Light, UV Light



Model TP - 3100



Model : PTT - 0102 (C-Pluto)



Model : PTT - 0102 (NT)



Model MFI - DX



Model MFI - NXG

Features of the touch screen include :

- 8 function keys, 3M Flash Memory
- 7" (480x234 pixels) IP 65 compliant 16:9 TFT LCD 65536 colors
- USB 1.1 for high-speed screen data download

PRESTO® Torque Tester – Digital Motorised (PLUTO Series)

Torque Tester – Digital Motorised is a new generation fully automatic motorised torque tester. It gives Torque in digital format. The digital display is a high end sophisticated read out with Auto Tare (ZERO) set facility and Peak Hold arrangement.

- Measurement Unit : Lb-Inch
- Strong adjustable clamping pegs/holders for zero slip gripping support
- Digital Display for accuracy and repeatability
- Automatic restoration to initial position after test completion
- Precise measurement of torque
- Height adjustable clamping mechanism to hold different size of bottles
- Auto Stop function enabled
- Motorised feature for high repeatability
- Adjustable fixture to test different size test bottles



PRESTO® Torque Tester Digital with Printer

Torque Tester Digital with Printer is a consistent tool to measure the force or torque required to open a closed cap of PET bottle, Plastic containers / Jars. It gives Torque in digital format. The digital display is a high end sophisticated read out with Auto Tare (ZERO) set facility and Peak Hold arrangement.

- Strong clamping pegs/holders for zero slip gripping support
- Digital Display for accuracy and repeatability. Unit : Lb-Inch
- Precise measurement of torque
- Adjustable clamping mechanism to hold different size of bottles
- Provision to hold peak value in memory
- 9 Sample readings can be seen on digital readout
- Safety lock pin to avoid eliminate extra torque application on the sample



PRESTO® Melt Flow Index Deluxe

Melt Flow Index Deluxe very useful for checking flow properties of molten plastics/resin.

- Temperature controller: Micro processor based PID controller temperature
- Range : Ambient to 400°C
- Resolution/Accuracy : 0.1°C / ± 0.1°C.
- Timer : Digital pre-settable with a range up to 999 sec. & having buzzer output.

Technical Specifications :

- Sample cutting : Automatic motorised
- Weights : 1.2 kg, 2.16 kg, 3.8 kg, 5 kg
- Power : 230 Volts, 50 Hz, single phase.



Optional : Melt flow Index NXG Touch Screen model

PRESTO® Melt Flow Index Next Generation Model (NXG)

Melt Flow Index – Next Generation Model is a consistent tool useful for checking the flow properties of molten plastics/resins. PRESTO Melt Flow Index Tester is manufactured under various Test Standards ASTM D 1238-1992, IS 2267-1972, IS 2530-1963, IS 10810-1984.

- HMI based Touchscreen Model
- Inbuilt Calculator for calculating the MFI/MFR.
- Temperature Vs Time graph of the output
- Easy Data Management. User can create product identification, test temperature, time etc.
- USB option available for storing test data
- Data output in graphical and data record format.
- Temperature Range : Ambient to 400°C
- Accuracy : ± 1°C ; Least Count/Resolution : 0.1°C
- Sample Cutting : Automatic Motorized
- Temperature Control : Inbuilt PID Temperature Controller
- Timer : Inbuilt in HMI Preset upto 999 Sec./Hour/Minutes





Core Compression Tester Pneumatic

Core Compression Tester Instrument is widely used in the "Paper & Packaging Industry" for determination of crush or compression resistance of paper cores, such as used for winding rolls of plastic film. The collapsing load is determined by placing a cylindrical paper core of specified length in between compression plates (either radial or flat type), applying uniform magnitude of compressive load on the test specimen, maximum sustained load value is then recorded.

Standard : ISO 11093. **Capacity :** 1000 Kgf.

Features :

- Inbuilt calibration facility
- Electro pneumatic system (Maintenance free)
- Auto-return to home position.
- Microprocessor based display for accurate test results
- TARE and Peak Hold Facility Available
- Strong base plate with rugged structure
- Feather touch controls



Model PCC - 235

Oxygen Analyzer 'TORAY' Japan

Oxygen analyzers plays a vital role in knowing the amount of Oxygen in the package which is important in maintaining the natural nutritional and textural standards of the product.

Oxygen analyzer is developed for sampling Inspection after gas filling based on our long experience in oxygen analyzer for food industry. It can be easily measured only by sticking pen shaped sampling probe to package. It is best for sealing inspection inside the package of food, beverages or medicine, oxygen concentration measurement, sample inspection of the residual amount of oxygen in the deoxidized packaging etc.

Features:

- Requires small section of sample for testing
- New developed sampling probe realises the easy operation by sticking only
- Clean appearance
- Beep sound once test is complete
- Compliant with RoHS and low power consumption



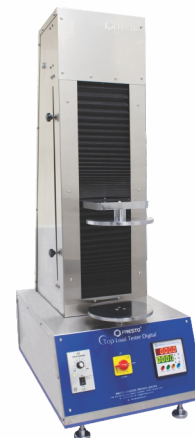
Model LC 450F

PRESTO® Top Load Tester Digital - Stainless Steel

Top - load testing (also known as 'column-crush' and 'axial force resistance') is performed mainly on blow moulded, the reformed or injection moulded plastic containers. It measures the compressive strength of such containers to ensure they do not deform or break when subjected to axial forces during the processes of filling, closure, storage and transport.

Inverted straight plates for zero slip gripping support

- Digital Display for accuracy and repeatability
- In-house calibration facility
- Peak Load Hold Facility (save in memory)
- Over load and over travel Protection with Speed control option.
- Stainless Steel body makes the instrument durable & rust free
- Dimensions: 400 x 600 x 1150 mm



Model PTL - 0105 SS

PRESTO® Gelbo Flex Tester

Gelbo Flex Tester is valuable test in determining the resistance of Flexible packaging materials to flex-formed pinhole failures or measuring the Flex durability of Flexible barrier materials. The Flexing action consists of a twisting motion followed, in most cases, by a horizontal motion, thus, repeatedly twisting and crushing the film. The frequency is at a rate of 45 cpm. Confirms to ASTM F392.

Technical Specifications :

| | |
|--------------------------|--------------------------------------|
| Stroke distance | : 80 or 155 mm |
| Twisting angle | : 400° or 440 degree |
| Twisting frequency/cycle | : 45 cycles / min |
| Motor | : 1/4 HP , 1440 Rpm, Gear Motor |
| Mandrel diameter | : 90 mm |
| Standards | : ASTM F392 conditioning levels AE - |
| Power | : 230 Vac, 50 Hz |



Model PGT - 357

Strong Business with Strong Association

Some of the Industry Giants Trust us with their Quality



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Customer Speak Dil Se



A representative from Presto Stantest is regularly visiting our plant and ensuring that our all instrument are always operational. He has explained us about new equipment's developed by his company Presto Stantest Pvt Ltd. He has taken extra pain to explain us about proper use of equipment By his regular Feedback and Training all our equipment's are giving the proper results. His regular visit to our plant helps us to maintain our equipment's in right

~ **Maneesh Bhatnagar** - GM Quality



Thanks for your Service and Support in completing the installation and training at our Facility. This marks a key role of Presto in the new QA Lab for our Facility at Sricity which is operationalized. Hope PRESTO will continue good & immediate services as and when required in future too.

-**Sudheer Padala**



After searching for many companies for package testing instruments, we finally came to know about Presto that was working in the field since past more than 35 years, having good infrastructure & after sales service besides modern manufacturing facility. The answer was immediately clear to buy from Presto since their machines last a life time & we are very happy with their product & services, money well invested.

- **Rahul Singhal** - Director Packaging India



I was filled with doubts if I should buy Testing Instruments from PRESTO as they were expensive compared to some other companies. It was a decision I took... and at hindsight I am very happy I chose Presto because they saved me lakhs in improvement of our Quality. Their product, technical and after sales support has been worldclass !

- **Chetan Jain** - Director Taurus Packaging



I would like to thank Presto for providing such an impeccable quality testing instruments. By testing the products with these testing instruments, I got easier product approvals. Highly recommendable products at affordable prices

~ **Mohammad Arif**

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2023-2024

