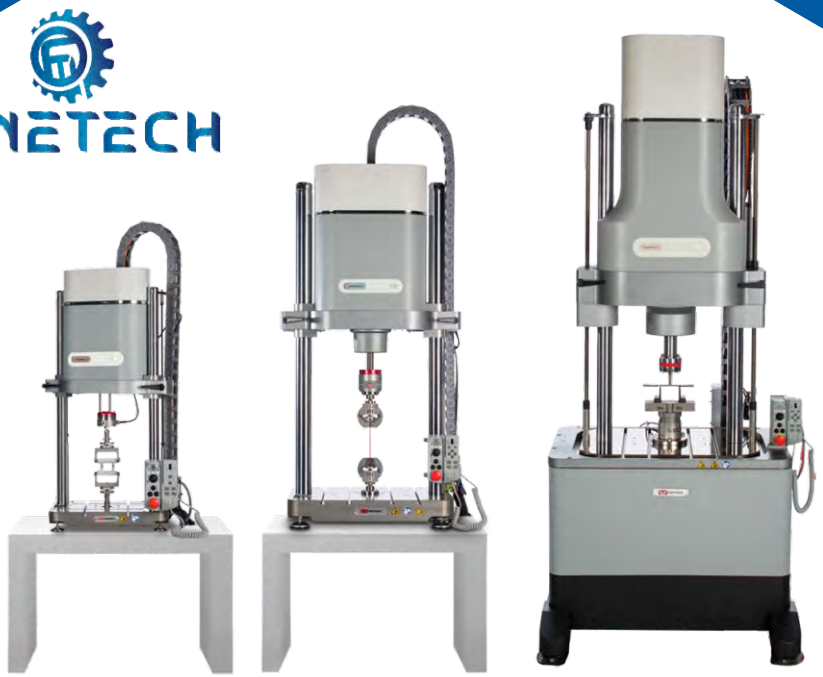
FINETECH



Trust us for the perfect test.

FINETECH Testing equipments for Plastic, Rubber and Paper Industries

DISCOVER THE FINETECH ADVANTAGE

FINETECH ENGINEERING

Better quality.
For bigger profit

COMPANY PROFILE

Finetech Engineering specializes in the manufacturing of high-precision testing equipment. With a focus on customer satisfaction, Finetech Engineering ensures that each piece of equipment is crafted with meticulous attention to detail, ensuring reliability and accuracy. Established by a visionary team of technocrats, Finetech Engineering has carved a niche for itself in the industry with its commitment to innovation.

THE CONTENT

Universal Testing machine (Single Column)

A UTM or universal testing machine is referred to as universal because it can be used to perform a variety of static tests, including tensile tests and compression tests, as well as flexure test, peel test, tear test and other mechanical test. It can run a wide variety of standard-compliant tests on an even larger number or materials for many different applications in essentially every industry.

A typical UTM machine consists of a load cell, crosshead, extensometer, specimen grips, electronics, and a drive system. It is controlled by testing software used to define machine and safety settings, and store test parameters defined by North American and international test standards such as ASTM and ISO. The amount of force applied to the machine and the elasticity and compressive fracture properties (compression direction), or elongation properties (tensile direction) of the specimen are recorded throughout the test.

Measuring the compressive or tensile strength of materials helps designers and manufacturers predict how materials will perform when implemented for their intended purpose.

Universal Testing machine (DualColumn)

Finetech universal testing systems, can be adapted to meet specific customer requirements based on testing capacity, types of material, applications, and industry standards such as ASTM E8 / ISO 6892-1 and ISO 6892-2 for metals, ASTM D638 / ISO 527 for plastics, ASTM D412 for tensile tests on rubber and elastomers, ASTM D575 for compression tests on rubber, and many more.

Finetech also offers several universal testing machines specifically designed for special applications. In addition to overall system safety and reliability, Finetech designs and builds every universal material testing machine with a focus on providing:

- A high level of flexibility through ease of operation
- Simple adaptations to customer- and standard-specific requirements
- Future-proof expansion capabilities to grow with your needs

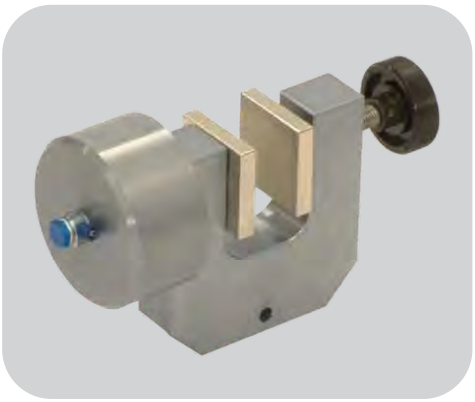
SPECIFICATION OF UNIVERSAL TESTING MACHINE(Single Column)

Model	FT-UTM-100-I	FT-UTM-100-S	FT-UTM-500-I	FT-UTM-500-S
Structure	Single Column	Single Column	Single Column	Single Column
Max. Capacity	100 kgf	100kgf	500 kgf	500kgf
Force resolution	1/10000	1/10000	1/10000	1/10000
Travel resolution	0.05mm	0.05mm	0.05mm	0.05mm
Speed	MAX - 500mm/min MIN 5% of Max	1-500mm/min	MAX - 500mm/min MIN 5% of Max	1-500mm/min
Motor power	180w	180w	400w	400w
Speed accuracy	±0.5%	±0.5%	±0.5%	±0.5%
Throat depth	70mm	70mm	100mm	100mm
Motor style	Induction motor	AC servo motor	Induction motor	AC servo motor
Testing Space	140mm	140mm	140mm	140mm
Dimension	500x550x>1450	500x550x>1450	550x550x>1520	550x550x>1520
Weight	100 kg	100 kg	180 kg	180 kg
Power supply	220vac	220vac	220vac	220vac
PC-Port	USB	USB	USB	USB
Stroke(w/o grips)	800mm>	800mm>	800mm>	800mm>

SPECIFICATION OF UNIVERSAL TESTING MACHINE(Dual Column)

Model	FT-UTM-1000-I	FT-UTM-1000-S	FT-UTM-5000-I	FT-UTM-5000-S
Structure	Dual Column	Dual Column	Dual Column	Dual Column
Max. Capacity	1000 kgf	1000 kgf	5000 kgf	5000 kgf
Force resolution	1/10000	1/10000	1/10000	1/10000
Travel resolution	0.05mm	0.05mm	0.05mm	0.05mm
Speed	25-500 mm/min	1-500MM/min	25-500 mm/min	1-500MM/min
Motor power	750W	750W	1500W	1500W
Speed accuracy	±0.5%	±0.5%	±0.5%	±0.5%
Motor style	Induction motor	AC servo motor	Induction motor	AC servo motor
Testing Space	420mm	420mm	420mm	420mm
Dimension	820x820x>1820	820x550x>1820	920x550x>1920	920x580x>1920
Weight	250 kg	250 kg	350 kg	350 kg
Power supply	220vac	220vac	220vac	220vac
PC-Port	USB	USB	USB	USB
Stroke(w/o grips)	800 mm>	800 mm>	800 mm>	800 mm>
Optional Accessories	Grip, Extenso Meter ,PC	Grip, Extenso Meter ,PC	Grip, Extenso Meter ,PC	Grip, Extenso Meter, PC

Wedge grip



Pneumatic Grip

Rubber O-Ring Testing

Roller Grip
(for rubber)

Self Tigthening Grip

Pneumatic press

Finetech Sample Cutting Press is very use full for preparation of Test specimens of different material like Polymer, Rubber & Elestromers materials. The press constructed in Mild steel and powder coated, the unique sliding acrylic guard with electric system allows the operator to work only in guarded (safety) position and make sure the safety of operator. Adjustable flow controller valve controls the stroke speed of cylinder as required for the material being cut, this assures uniform application of force. This way test piece will be free from technician's skills.

Specification

Model no	FT--PPR-01
Cylinder	8-Dia(200mm)
Stroke length	50mm
Size	350mm*475mm*545mm
Weight	80kg
Power supply	220Vac
Working area	300 mm *175 mm *100mm

Manual press

Press works with manual force with hands, can prepare specimen from different materials (Rubber ,polymer etc) with Dies

Specification

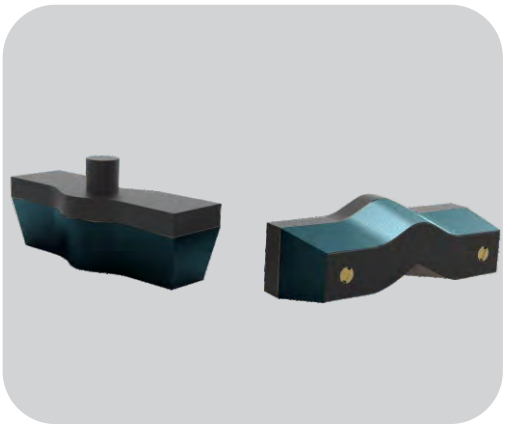
Model	FT-MPR-01
Size	300mm*500mm*360mm
weight	30kg

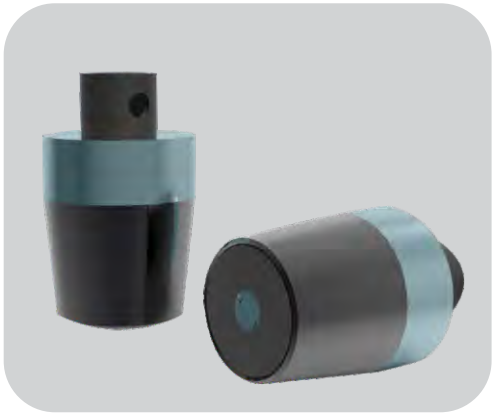
Hydraulic Press(Manual operation)

Specification

Model	FT-HPR-01
Size	100mm*400mm*380mm
weight	25kg
Capacity	2T/3T/5Ton

All Cutting Dies (Dumbbell, Tear, rectangular ,round) are made of imported tool steel Material ,Spring loaded ejectors are standard features .Cutters are available as per





Specimen cutters & Dies

Shore D Hardness Tester ASTM d 2240,astm d 758

Analog

Digital

These Shore hardness testers are used for determining the hardness of plastics and rubber as per ASTM D2240. For on-site testing on the product, analog and digital versions are available.

The principle used to measure hardness is based on measuring the resistance force of the penetration of a pin into the test material under a known spring load. The amount of penetration (max. 2.54 mm / 0.1 in.) is converted to hardness reading on a scale with 100 units.

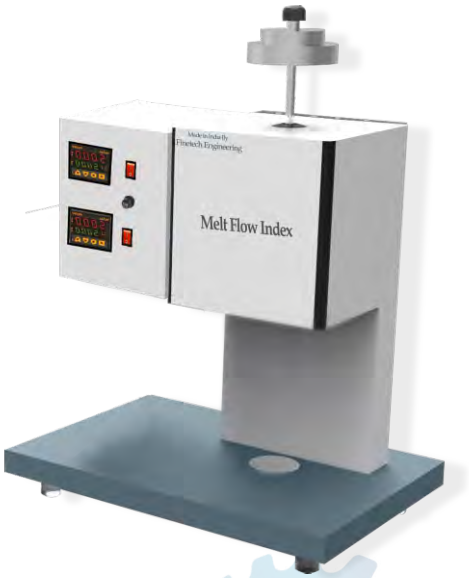
As per the ASTM D2240 Standard, readings below 10 and above 90 are not to be considered reliable and should be discarded. Therefore, it is important to select the appropriate Scale that will provide results between 10-90 units.

Analog

Model	FT-SHD-A
Indentor	Truncated cone 30
Test piece	50 ShoreD
Least count	1 ShoreD
weight	200 grams
Usage	For checking the hardness of Hard Rubber, hard Plastic, Graphite, bakelite, fibre

Digital

Model	FT-SHD-D
Display Type	4 Digit LCD
Dimension	87 x 56 x 25 mm
Graduation	0.1
weight	136g
Measuring Range	0-100HA



Melt Flow Index Tester

The "FINETECH" melt flow index tester, built according to International Standards as per ASTM D 1238 , Melt Flow Index Tester is an instrument for measuring "Melt Flow Rate" with grate accuracy and also useful for quality control test on flow ability, grading of thermoplastic materials according to flow. In general, it is designed to calculate accurate rate of extrusion of molten resin through an orifice at specified temperature and pressure.

STANDARDS

Design and built to meet the following standards.
ASTM D 1238 method A & B.

FEATURES

- Micro processor based PID Temperature Controller.
- Temperature range up to 350 Deg.C. +/- 0.1 Deg. C.
- Barrel, Liner, Piston, Orifice, Weights are made as per international standard with proper dimensions, material and accuracy.
- Piston head weight 2.16 Kg. and 5.00 Kg. or as per requirement.
- Built in Microprocessor based cyclic timer with buzzer out put.
- Attachments for automatic cutting device & computer interfacing are available with extra cost as per ASTM D-1238 (B Method).

Specification

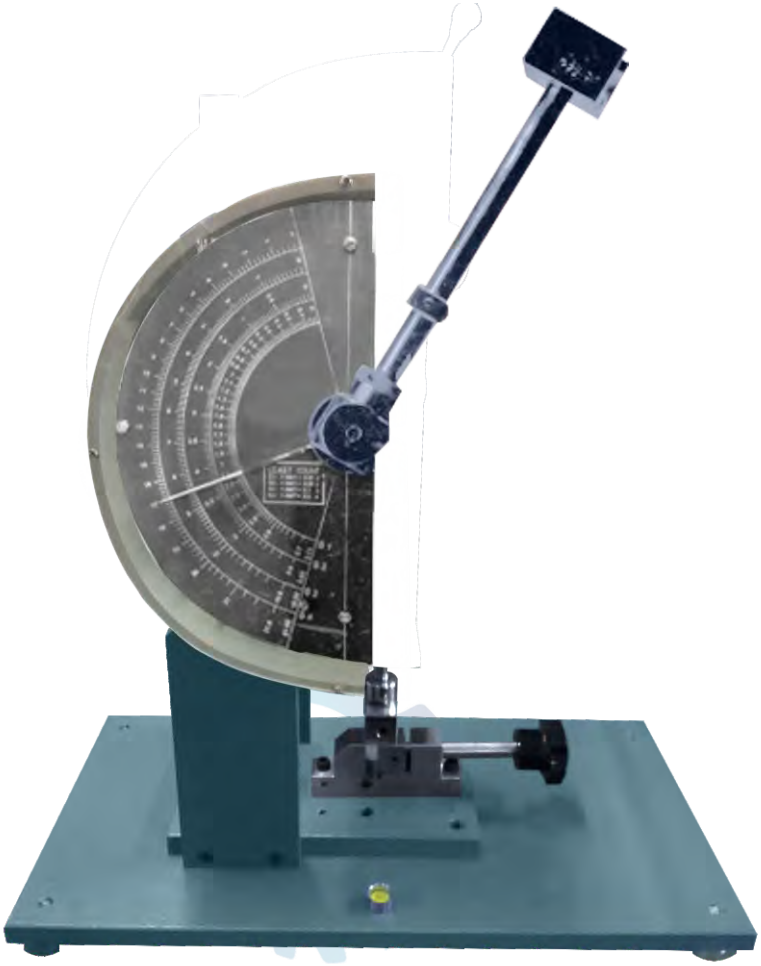
Model	FT-MFI-01(Manual)	FT-MFI-02 (Auto)
Sample cutting	Manuel	Auto [Motorized]
Standard Weight	2.16kg & 5.00kg Combination)	2.16kg & 5.00kg Combination)
Optional Weights	1.2 kg, 2.16 kg, 3.8 kg, 5 kg & 21.6 kg.	1.2 kg, 2.16 kg, 3.8 kg, 5 kg & 21.6kg.
Accessories	Standard accessories*	Standard accessories*
Paint	Powder coated.	Powder coated.
Power Supply	230 Volts, 50 Hz, single phase	230 Volts, 50 Hz, single phase
Dimension	475mm x 300mmx520mm	475mm x 300mmx520mm
Total Weight	30kg	30kg

Environmental Stress cracking Resistance Apparatus

Stresses on plastic materials can cause internal and external ruptures, but are accelerated by the environmental conditions to which the material is exposed. Finetech ESCR Apparatus determine the amount of such susceptibility when the material is subjected to stress in the presence of environments such as soups, oils and detergents Finetech ESCR Apparatus have a stainless steel water bath that is heated to a specified temperature which is maintained by digital controller. A pump circulates the water to maintain a uniform temperature. A stainless steel tray holds the test tube containing the specimens. A magnified view of the cracks that develop on each specimen can be seen during the operation with a magnifier through a glass window (Standard ASTM D-1693)

Specification

Model	FT-ESC-01
Temperature Range	From ambient to 100ºC
Accessories	Cutting die, Nicking jig, Bending tool, transfer tool and Aluminium foil- 1no each, Specimen holder, Test tube and Rubber cork -10 nos. each.
Paint	Powder coated.
Power Supply	230 Volts, 50 Hz, single phase
Size	475mm x 300mmx520mm
Total Weight	25kg



Izod & Charpy Impact Tester

Plastic products either bend or break when a certain amount of impact is exerted on them Finetech Izod Impact Testers are designed to measure the impact energy required to break notched specimens (thicker plastics) of definite shape and size, when placed at the maximum velocity point of a swinging weighted pendulum. The rise angle of the pendulum can be read over a scale or displayed automatically on a digital indicator. (Both models are available).

The impact energy is directly read, as the angle of rise is calibrated in Joules.

The pendulum weight can be varied as per the strength of the specimen.
(Standard ASTM D-256)
Analog - Model no FT-IZD-A-01
Digital - Model no FT-IZD-D-01

Specification

Model	FT-IZD-A (Analog)	FT-IZD-D(Digital)
Capacity	Up to 21.68 Joules	Up to 21.68 Joules
Release angle of pendulum	150 degree.	150 degree.
Velocity	3.46 M/S	3.46 M/S
Length of the Pendulum	325 mm(12.8")	325 mm(12.8")
Minimum resolution on scale	0.02 Joule, 0.05 Joule, 0.1 Joule and 0.2 Joule respectively.	0.02 Joule, 0.05 Joule, 0.1 Joule and 0.2 Joule respectively.
Range of four scales	0-2.71 Joules, 0-5.42 Joules, 0-10.84 Joules and 0-21.68 Joules	0-2.71 Joules, 0-5.42 Joules, 0-10.84 Joules and 0-21.68 Joules
Paint	Powder Coated	Powder Coated
Size	650x300x600	650x300x600
Weight	75 Kg	75 Kg

FEATURES

- Temperature is controlled by digital dual display, PID based temp. Controller with RAMP /RATE RISE system.
- Heating load: 1.5 Kw.
- Oil Chamber: Inside SS, outside MS body. Capacity: 15 litres. With vertical base mounted stirrer with speed regulator.
- Combination of tests: 2-HDT stations & 2-VSP station provided (or as per customer's requirement).
- Test Loads: 1 Kg (Other loads can be supplied optionally).
- Rate of Heating: 120 & 50 Deg.C./Hour.
- Mitutoyo/Baker make JO2 model dial gauge for penetration & deflection readings.
- Power requirement: 230V AC, 50 Hz Single Phase.

HDT (ASTM D648)

Finetech HDT/VST instrument is used for determining the deflection temperature limit for specific application and comparing the heat softening characteristics of thermoplastic material at a constant load in oil media up to 300°C.
Plastic materials, being heat sensitive in nature, have a lot of bearing on thermal environment for their performance. Though their behaviour in thermal conditions is very complex, some simple yield tests are used to predict its behaviour and performance in a given condition. Vicat Softening Point' or 'Heat Deflection Temperature' is one of such yield points, very commonly used for engineering plastics. Vicat test consist of penetrating a unit size indenter in a plastic surface with predefined load under constant rate of environmental temperature rise. Heat distortion test, as it is sometimes called, consists of deflecting a simply supported beam of test material under similar heating conditions and with a predefined stress application

HDT

Test for deflection temperature of plastics under flexural load. Heat distortion temp. is the temp. At which a sample deflects by 0.1 inch. (2.5 mm). Standard test methods: ASTM D648, ISO 75

VSP

Vicat softening point is the temperature at which the needle penetrates 1 mm into the sample. Standard test methods: ASTM D 1525, ISO 306

VSP (ASTM D 1525)

FEATURES

•Temperature is controlled by digital dual display, PID based temp. Controller with RAMP /RATE RISE system.
•Heating load: 1.5 Kw.
•Oil Chamber: Inside SS, outside MS body. Capacity: 15 litres. With vertical base mounted stirrer with speed regulator.
•Combination of tests: 2-HDT stations & 2-VSP station provided (or as per customer's requirement).
•Test Loads: 1 Kg (Other loads can be supplied optionally).
•Rate of Heating: 120 & 50 Deg.C./Hour.
•Mitutoyo/Baker make JO2 model dial gauge for penetration & deflection readings.
•Power requirement: 230V AC, 50 Hz Single Phase.

Specification

MODEL NO	FT-VSP-01A	FT-VSP-01D
Temperature range	0-250^{0}c	0-250^{0}c
Rate of rise	Selectable(50^{0}c/120^{0}c)	Selectable(50^{0}c/120^{0}c)
Displacement	Analog	Digital
Station	2 or(as per requirement)	2 or(as per requirement)
interface	NA	RS 232
Body	Inner SS.304 Outer MS Powder coated	Inner SS.304 Outer MS Powder coated

Hot Water Bath

The "generally" Hot Water Bath is used for Short Term and Long-Term hydro-static pressure testing. Generally, in case of Hydro-Static test For HDPE, R-PVC, C-PVC, MDPE & LATERAL PIPES, the test specimen supposed to be tested either at room temperature or at higher temperature in water bath as per IS & ASTM STANDARDS.

The "FINETECH" Reversion Oil Bath Tester is use to determine reversion characteristics of R-PVC pipe as per immersion method of IS-12235 (Part-V) standard.

Features

•Microprocessor based temperature controller with PID action

•Temperature range up to 100 Deg. C. With least count of +/-0.1 Deg.C. for hot water bath testing.

•Temperature range up to 150 Deg. C. With least count of +/-0.1 Deg.C. for reversion oil bath testing.

•Inside S.S. body, Outside M.S. body, with complete glasswool insulation. Top cover made by S.S. Sheet.

•Water circulating pump is provided in hot water bath. in case of reversion oil bath tester,

Specification

MODEL	Length(mm)	Width(mm)	Height(mm)
FT- HWB-01	550	350	850
FT- HWB-02	900	600	450
FT- HWB-03	1200	750	450
FT- HWB-04	1525	750	1150

Dart Impact Tester

Dart drop impact tester is an easy-to-use, ergonomically designed instrument used to measure the impact resistance of plastic film, coated paper and other materials utilizing the free-falling dart method to meet ASTM D1709.

A pneumatic sample clamp is used to secure the specimen in place for ease of operation and operator safety. Electromagnetic suspension and automatic release of the falling dart reduce the errors caused by manual operation

Specification

Model	FT-DI-01
Test Method	Method A or Method B
Test Range	
Paint	Powder coated.
Power	230Volts, 50Hz, single phase.
Specimen Clamp	Pneumatic clamp
Pressure of air Supply	6 Kg/cm2
Specimen Size	150x150
Drop heights	66 m (ASTM D1709 Method A)
Additional Weights	1.524 m (ASTM D1709 Method B)
Power Supply	5g -4 nos,15g-4 no,30 g 4 nos
Weights	60g- 4 nos,100 gram2 no,
Instrument Dimension	200 g-2 no, 300 g 2 no,

Colour matching cabinet

Finetech Color Matching Cabinet is a reliable instrument for visually assessing and evaluating colors. It's utilized across diverse industries and laboratories to ensure the color quality and consistency of a sample, and to identify the occurrence of metamerism. The features of this tool include:

- Conditions of lighting that are standardized and controlled.
- A viewing area that is expansive.

Specification

Angle of Viewing Booth	45 Degree
Viewing Booth Material	Wood or Steel
Lights	D 65 Artificial Daylight 2 nos, TL 84 Triphosphorous Fluorescent Light (Point of Sal 1 no UV Black light Ultra Violet Black Light TFL Tungsten Filament Light, CWF Cool White Light 1 no
Time Totalizer accuracy	± 0.2% over entire range
Viewing Area	L 675 x W 455 x H 400 mm
Time Totalizer Least Count	1/10 h
Read out	999.9hr.
Size of tube light	2 Feet

Humidity Chamber

Humidity Chamber - Touch Screen with Data Logger is used for assessing the change in physical properties of the materials when there is a severe change in the environmental conditions like humidity. The machine is equipped with advanced touch screen panel and upgraded features. It comes with 3 coloured tower style alarm to alert the operator. It is equipped with the latest technology and high-end features to make test observation accurate and easy. The inner chamber of the machine is made up of high-grade stainless steel and outer chamber is made up of Mild steel.

Finetech's humidity chamber is designed as per standards ASTM D1776, ASTM D1776M-15, BS950 Part-1(D65). Equipped with CFC free refrigerants and air-cooled compressors, the instrument performs conditioning procedures required in various industries.

To determine the effect of relative humidity on sample at various temperatures.
Computerised Humidity chamber to determine the effect of relative humidity on sample at various temperatures.

Specification

Model	FT-HMG01
Standard	ASTM D1776, ASTM D1776M 15, BS950 Part-1(D65).
Humidity range	40% RH to 95% RH
Material of construction	Inner bath : S.S / Outer body : M.S
Temperature range	10°C to 60°C
Paint	Powder coated.
Power	230Volts, 50Hz, single phase.
Size	650 mm X 650 mm X 900 mm

Muffle Furnance

The muffle furnace is a vital testing instrument that is utilized in the laboratories for testing different materials. The instruments are used for conducting the test methods that requires a high amount of heat. There are many applications of muffle furnace that are utilized in industries. The instrument can reach a very high temperature of up to higher range, which is ideal for some critical applications in industries.

Temperature sensing through J-type sensor.

•Highly accurate test results under uniform temperatures.
•PID Control for Temperature.
•High Grade density imported Glass Wool Blanket insulation.
•Maximum Thermal Efficiency by insulation means.
•SSR based heaters
•Auto tuning Advance PID controller
•Technical specification:
•Inner Chamber Size - 4 x 4 x 9 Inch, 5 x 5 x 10 Inch, 6 x 6 x 12 Inch (Other size available)
•Display - 7 Segment LED display
•Accuracy - ± 5°C
•Least Count/Resolution - 1°C
•Sensor - J-type/K-type as per selection of range
•Power - 20A, 220VAC, Single phase, 50 Hz
•Timer Range - Up to 999 HRS (Timer optional)
•Temperature Range - Ambient to 900ºC, 1200 C & 1400 C as on request

Drop Tester

Drop Tester can be used to ascertain the drop Strength of corrugated boxes while transportation. This instrument has a feature which provides an angular drop. This assists in ascertaining the packaging quality and worthiness.

The Drop Tester has application in various industries to test the potency of plastic containers and corrugated boxes. The machine functions by dropping a test specimen from a certain height to calculate the Strength of the sample.

Specification

Model	FT-DPT-01
Testing height	Various range of drop height from 0.25m to 4 m
Max. dimension of Box that can be tested	(Customizable and adjustable on request)
Max weight of Box to be tested	(Customizable and adjustable on request)
HeightMeasuring Scale least count	1mm
Method of Droping	Face, Edge, Corner drop
Base dimension(Floor Space)	950 x 600 mm
Top Edge holding device	Adjustable according to sample
Dropping platform type	Twin flaps
Opening Actuation	Manual throughlever/Auto
Finish	Mild steel painted/powder coating
Dropping Platform lift mechanism	Manual/motorized

Vibration Tester

Finetech Equipment & Accessories provides high quality, durable Vibration Tester that can be used to k the resistance to vibrations in various specimen continuously and extensively for long periods. Our equipment comes with Available in various models in all over countries.

We offer the latest models so that our customers gain equipment that is easy-to-use, quick and which consume very less power to carry out designated tasks.

Vibration Tester offers the perfect satisfaction with its testing features, low cost, consistent performance, quick speed, even cost-effectiveness. Out of its many qualities, one that makes it stand out is its tester efficiency, allowing manufacturers to complete as many tasks as possible within a short period of time.

Checks resistance to 'vibrations' Continuous vibrations over a long-distance journey could hurt your products irreparably and damage your company name among dealers and customers. The Finetech Vibration Tester allows you to check how several hours of vibrations will affect your products, before you actually send them out.

Specification

Model	FT-VBT-600	FT-VBT-750	FT-VBT-1000
Capacity (ml)	30 Kgs (1- 30 Kg loading)	50 Kgs (1- 50 Kg loading)	80 Kgs (1- 80 Kg loading)
Frequency	1-6Hz	1-6Hz	1-6Hz
Amplitude	25mm(Changeable)	25mm(Changeable)	25mm(Changeable)
Acceleration (g)	0 - 1.5g	0 - 1.5g	0 - 1.5g
Standard Platform Top	Wooden Platform (can be change as per requirement)	Wooden Platform (can be change as pe requirement)	Wooden Platform (can be change as per requirement)
Platform Size	600mm x 600 mm	750mm x 750mm	1000 mm x 1000mm
Axis of vibration	Horizontal/ Vertical/ Sinusoidal	Horizontal/ Vertical/ Sinusoidal	Horizontal/ Vertical/ Sinusoidal
Total size	600mm x 720 mm x 650mm	750mm x 870 mm x 650mm	1000 mm x 1120 mm x 650mm
Weight (kg)	80 kg	120 kg	175 kg

Flammability tester

•Ideal for wide range of incubating, tempering, thermal storage and drying application.

•Triple walled Construction with regular and GMP models.

•Thermal insulation provided in-between the walls to prevent loss of temperature.

•Ventilator is provided on top & side wall for exhaust. This can be adjusted according to the requirement.

•The door will be of flush type and will be provided with positive locking arrangement.

•Cross flow air circulation for better uniformity and accuracy.

•The heating elements are fitted on the two sides of the oven to facilitate uniform dissipation of heat all over the chamber.

•Digital temperature controller with Cr/Al thermocouple.

•Working size : 200 / 400 & 650 Liters.

•Temperature range : Above ambient to 250°C.

Burst Strength Tester

Finetech Bursting Strength Tester is designed to find bursting strength of fabric/ leather/ paper/paperboard & corrugated box. A test specimen is held between two annular clamps under sufficient pressure to minimize slippage. The upper clamping surface which is in contact with the test specimens has continuous spiral grooves. A circular diaphragm of pure gum rubber is clamped between the lower clamping plate & upper clamping plate

The equipment is fitted with a motor driven cam mechanism, which increases fluid displacement on the lower side of the diaphragm at a specified rate. The equipment is fitted with an arrangement, which automatically stops the motor when the pressure down and return to previous position on completion of the test cycle. A maximum reading on the pressure gauge gives the bursting pressure. The equipment is designed to give a long & trouble-free life. Digital type pressure gauge is also available. Digital type pressure

Specification

Model	FT-BST-01-A	FT-BST-01-D
Voltage	220 V AC 50Hz (Optional: 110V AC 60 Hz)	220 V AC 50Hz (Optional: 110V AC 60 Hz)
Maximum Capacity	40 Kg/cm2	40 Kg/cm2
Sample Types	Paper, Corrugated Box, Board, Foils and Pouches	Paper, Corrugated Box, Board, Foils and Pouches

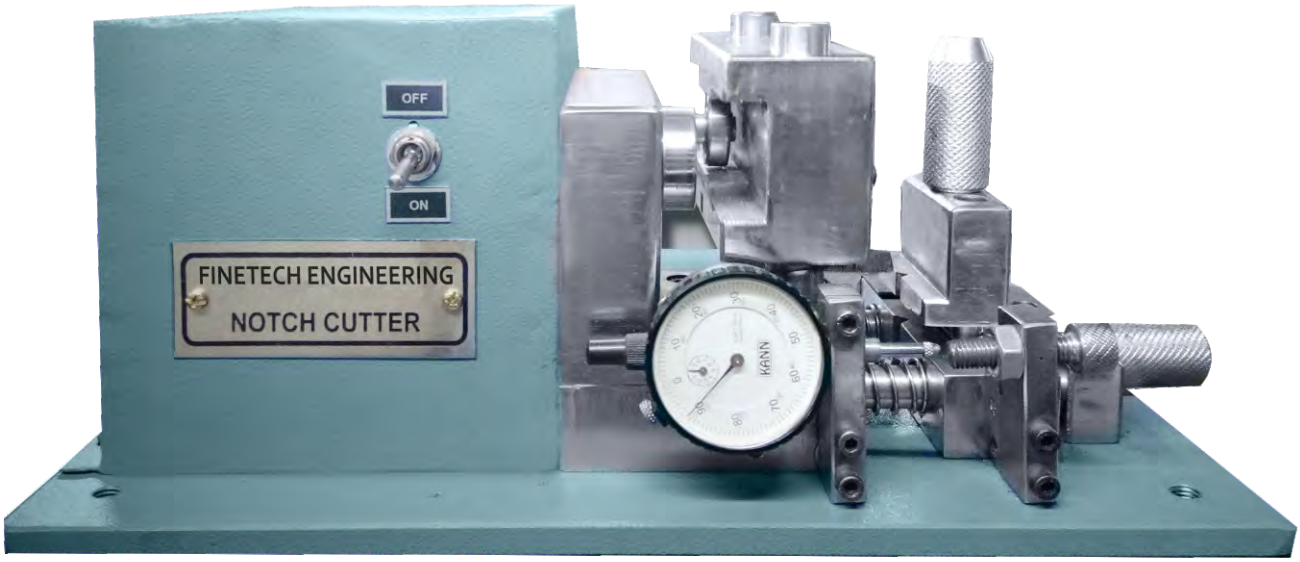
Melting Point Apparatus

Finetech make Melting Point Apparatus is to find the Melting point value of the polymers and other material. The tester is with full ancillaries, capillary tubes, Glass magnifier, Toughened filter glass and digital temp. integrator for reading the value directly.
After filling the test specimen in capillary tube to be kept in the hole provide upper side, the temperature rise on set ramp rate on PID digital controller with display, visually inspect and find the value.
Temperature Range: 250 degree
No. of Test piece:3 no

Suitable for accurate determination of melting point and melting range.
Seven Segment LED display for temperature indication with readability 0.10 C.

Specification

Temp. Range (deg. Celsius)	2 to 300 deg. celsius
Power (V)	230V,50Hz,500 W
Model Number	FT-MPA-01
Type	Digital
Operation Grade	Automatic
No of capillary holding	Min 3no
Capillary	Dia2mm/dia 6.35mm



Notch Cutter

To make a 'V' notch in Izod / Charpy samples in accordance with ASTM D - 256 and ASTM D 6110, as well as ISO 179 and ISO 180 standards for plastic impact resistance using the Izod and Charpy methods, respectively. The test determines the energy necessary to break the specimen by axial impact.
It is a sample preparation equipment that prepares samples for testing with the Izod/Charpy Tester on plastic sheets. The tool is used to notch plastic sheets up to 5 mm. The exterior body is precisely powder coated.

Specification

Model	FT-NC-01
Range	0-2.5 Mm with least count 0.01mm.
Cutting Angle	45°
Paint	Powder coated.
Power	230 Volts, 50 Hz, single phase.

4 cavity Mould

Molds designed for shaping rubber and polymer materials, including sheet forming, Tensile, D'matia, abrasion, and compression-button cell tests, are engineered to adhere steel wire to rubber according to various standards. Constructed from EN series steel, these molds feature flash grooves and are finely ground for a superior finish. They are meticulously manufactured in accordance with stringent standards such as ASTM (D412), IS 3400, DIN, etc., ensuring precision. These high-grade steel molds boast exceptional quality, durability, and are user-friendly for seamless operation.

Experience the Future of Testing

As technology continues to advance, the need for precise and reliable testing equipment becomes increasingly critical. At Finetech Engineering , we are at the forefront of this evolution, constantly pushing the boundaries of what's possible. We invite you to join us on this journey and experience the future of testing.

Thank you for considering Finetech Engineering as your trusted partner in testing solutions. We look forward to the opportunity to work with you, providing the tools you need to achieve excellence in your industry.

For inquiries, demonstrations, or further information, please don't hesitate to contact us. Your success is our success, and we are excited to be part of your journey.

FINETECH

+91 93241 37971

info@finetechengineer.com

www.finetechengineer.com

Finetech Engineering C-1.T.M.C Complex,
New Kalwa(TMC) Industries Prem.Co-Op
Soc Ltd.,Jai Bhavani Nagar.Road no 32,Wagle Estate Thane(W)
400604.Maharashtra