



An ISO 9001 : 2008 Company

**KAISER**<sup>TM</sup>  
T E C H N I C  
Technology Driven Initiative



Manufacturers & Exporters of  
**Plastic Testing Equipments**



**Trust Us**  
We Deliver **Your Quality!**

[www.kaisertechnic.com](http://www.kaisertechnic.com)



## Our Journey to success...

Since : 1993

Kaiser Technic, an ISO 9001:2008 certified company has started its operations with dynamic efforts of its Proprietor Mr. Ashit Patel, an electronics engineer and an entrepreneur with rich industrial experience of more than 18 years. The company geared up its horizons in manufacturing of Laboratory Testing Equipments for Plastics in particular, and other industries like Film, Rubber and Plywood across the globe. KAISER TECHNIC has always been taken pride in offering high quality products at affordable prices and has been constantly working to meet the individual requirements of its customers in order to provide best testing solutions.

With vast experience in design, development and marketing. Kaiser has earned its reputation as a trusted supplier of precise, reliable and affordable products. We remain firmly focused on continuing the long-standing record of success and on expanding our global presence with new products, new solutions and new relationships worldwide.

### Dream...

To become one of the most sought after brand in the testing machinery segment with complete customer satisfaction as its unique attributes thereby build a strong net work around the globe.

### Efforts...

To convert our dreams into reality by investing into Research, facilities, people, systems and new technology so as to bring improvement in productivity and service to our customers as well as creating a market niche for our products..

### Activities...

We are engaged in manufacturing and supplying Testing Equipments as per ISO/DIN/ASTM/ISI and equivalent standards being used for testing and confirming quality of products by manufacturers of Plastics, Rubber, Film and Wooden industries. We have a wide range of products to offer for different applications to get precise and accurate results. Our R&D Division is always keen to take new challenges and successfully complete it resulting an addition to our existing product range, which ultimately become a testing solution to our valued clients.

### Strength...

The hard work, dedication of our entire team with over whelming supports of our esteemed customers are our strength and motivation. We value our clientele and taking utmost care in their servicing and maintenance needs even after warranty on priority basis which ultimately resulted into repeated orders.

### Values...

We take pride in adhering to ethical business practices and in being a good corporate citizen.

We respect our people and endeavor to provide them opportunities to realize their full potential.

We recognize our responsibility to our customers and society.

### Infrastructure...

The company is having its manufacturing and R&D facilities at Ahmedabad, India with inhouse facility for designing, machining, shaping, grinding, boring, and assembly etc. lead by a team of technical experts. A dedicated marketing office is set up to facilitate our domestic as well as international customers to get a prompt and quick response. We strictly follow ISO Quality Systems in each stage of our operation to ensure consistent quality. A dedicated Service team is working round the clock to ensure proper maintenance and service of machines being supplied by us.

### Quality Policy...

We, at Kaiser Technic, commit ourselves for supplying products that would give complete satisfaction to our customers.

We Will Strive to achieve growth and leading position in the market by :

Supplying consistent quality of products to our valued customers

Complying requirements and continually improve the effectiveness of Quality Management System

Creating an environment of team work and innovative approach.





# Our Industrial Reach...

## Pipe Industries

- Universal Tensile Testing Machine (up to 50 Ton)
- Hydrostatic Pressure Testing Machine
- Melt Flow Indexer
- Impact Tester
- ESCR Test Apparatus
- Muffle Furnace
- Zero Degree Chamber
- Air Circulating Oven
- Hot/Cold Water Bath
- Oil Bath
- Hot water Bath
- Carbon Black Content Tester
- Opacity Tester
- Pipe Notch Cutter
- Dumbbell Press and Contour cutter for Sample Preparation
- Emitter Flow Rate Variation Tester for Irrigation
- End Plug
- Mini Hot Press
- Digital Izod & Charpy Impact Tester

etc...

## Rotomoulding Industries (Water Storage Tank)

- Universal Tensile Testing Machine
- Melt Flow Indexer
- Carbon Black Content Tester
- Motorised Notch Cutter
- Impact Tester (Wall mounted)
- Carbon Black Dispersion Tester
- Specific Gravity Migration Tester

etc...

## Film Industries

- Universal Tensile Testing Machine
- Lab Micrometer
- Melt Flow Indexer
- Free Falling Dart Impact Tester
- Opacity Tester
- Co-efficient of Friction Tester
- Tear Tester
- Carbon Black Content Tester
- Film Shrinkage Tester

etc...

## Electrical Conduits

- Collapsed Test Equipments
- Hot deformation Test JIG
- Bending Test Equipments
- Digital Crushing & Compression Testing Machine
- Top Load Tester
- H.V.Tester( High Voltage Tester )
- Water Bath
- Impact Tester
- Air Circulating Oven
- Freezer
- Ball Point Test Apparatus
- Gauges for Conduit

etc...

## Blow Moulded & Pet Bottle Industries

- Universal Tensile Testing Machine
- Hot / Cold water bath
- Top Load Tester
- E.S.C.R. Tester
- Vibration Tester
- Color Matching Cabinet

etc...

## Cable Industries

- Universal Tensile Testing Machine
- Carbon Black Content Tester
- Equipments for Resistance Test
- Mandrels
- Air Circulating Oven
- Weighing Balance
- Million Megaohms Meter
- Traveling Microscope
- Dumbbell Cutting Die & Hydraulic Press
- S.S. Hot Water Bath

etc...

## Woven Sack Industries

- Universal Tensile Testing Machine
- Melt Flow Indexer
- Wrap Reel

etc...

## Plywood Industries

- Universal Tensile Testing Machine
- Hot / Cold Water Bath
- Humidity Chamber

etc...

## Moulded Part Industries

- Universal Tensile Testing Machine
- Hydrostatic Pressure Testing Machine
- Melt Flow Indexer
- Izode/Charpy Impact Test Apparatus
- Motorised Notch Cutter

etc...

## Strap Industries

- Universal Tensile Testing Machine

and more...



Two Load Cell Tensile Machine Single Screw



Twin Screw Tensile Machine



Dumbbell Press & Die



## Universal Tensile Machine

### PRODUCT

Tensile test is a measurement of ability of material to withstand forces that tends to pull it apart and to determine to what extent the materials stretches before breaking

### STANDARDS

ASTM D 638, D 882, D 790, D 695, ISO R527, BS 2782 and other equivalent standards, Load Measuring System as per ASTM E4, ISO 7501. Strain Measuring System require as per ASTM E83

### APPLICATION

Tensile is the universal test applied to many polymers to check the mechanical properties and it is the most important property as majority of end use application involved some degree of mechanical loading & properties like Tensile Modulus, Elongation, Compression etc. are calculated using this machine

### USP

The "Kaiser" has some unique models developed with versatility in mind. Kaiser UTM's can be used with or without using P.C.

Universal Software capable of performing test on any type of materials.

Safety provisions in form of software, Electrical & Mechanical features.

Test on high & low loads with different cross head travel speed can be performed.

The "Kaiser" tensile offers testing flexibility and ease of use via an intelligent electromechanical system data transfer. ratio of load cell to instrument is 24 bits to give instantaneous readout of data during process. The Kaiser versatile software helps to visualize the process and behavior of materials in form of data and graphs with all the calculated results required. Units of weights "Newton" or "Kilograms" can be selected from software. Round or of any different shape materials can be prespecified on specification window for direct calculation of area.

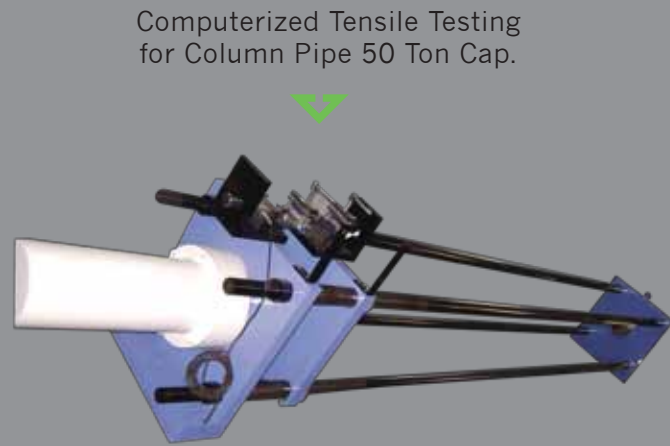




Single Screw Tensile Machine



Compression Tester



Computerized Tensile Testing for Column Pipe 50 Ton Cap.

**TECHNICAL SPECIFICATION**

MODEL NO.	KDSUTM-I	KCSUTM-I	KDTUTM-I	KCTUTM-I	KDUTMPPS-I	KCUTMPPS-I	KDTLT-I	KCTLT-I
Model Name	Digital Single Screw UTM	Computerised Single Screw UTM	Digital Twin Screw UTM	Computerised Twin Screw UTM	Digital UTM With Power Pack System	Computerised UTM With Power Pack System	Digital Top Load Tester	Computerised Top Load Tester
Capacity	0-1000 Kgs.	0-1000 Kgs.	0-7500 Kgs.	0-7500 Kgs.	7500 Kgs. - 50000 Kgs. (7.5 TON -50 TON)	7500 Kgs. - 50000 Kgs. (7.5 TON-50 TON)	0-250 Kgs.	0-250 Kgs.
<b>THE UTM CAN BE DESIGNED &amp; SUPPLIED ACCORDING TO INDIVIDUAL LOAD REQUIREMENT</b>								
Extension	0-1000 mm or As per requirement							
Attachment	Compression/flexural/COF/ICOF/Peel/Bond/Tear/Shear/Puncture/Burst can be provided in all above models as per individual requirement							
Load Input	Maximum 2 Load Cell facility can be provided							
Speed	1 to 500 mm / min. (As per load output & standard requirement)							
Resolution of Load	00000 Kg/000.00/0000.01 or 0000Kg / 000.0 Kg / 00.00 Kg							
Extension Resolution	000.0 mm /000.00 mm							
Extensio Meter	Contact Type as per requirement							
A.C. Drive Motor HP	Suitable for Machine Capacity							
Power Supply	230 V AC, 50 HZ, SINGLE PHASE				440 V AC, 50 HZ, THREE PHASE			
Paint	Powder Coating & Hard Chrome Plating							
Placemant	Suitable for Machine Capacity							
Model	Floor Statnding / Table Top (As per capacity of machine)							
Precaution/safety Features	Electrical Emergency Switch, Electro Mechanical Limit Switch, Elctronic Through Micro Controller Parameters							
Software Facility	RS 232 interface with WINDOW based software to conduct test and keep record of data with graph for the test calculated results of Yield Load, Yield Extension, Break Load, Break Extension, and Modulus of Elasticity, Maximum Load, Maximum extension, and Tensile Strength.							

**Unique Features of Machine Software.**

- On line update facility
- Line, bar chart, Dotted line, etc facility in graph.
- Graph Zooming Facility.
- Individual Portion Zooming Facility.
- Result Convert Facality in Graph & Excell Formate
- Comport Auto Selectable.
- Auto Scaling and fix scaling Facility.
- USB Driver Facility For Safety Features.
- Can generate the report with your company logo.
- Colour combination can be changeable
- Graph Grids colour Combination Facility.
- Individual Graph facility for Tensile, COF, ICOF, Compression & Flexural
- Individual graph Comparison facility.
- Graph Overlapping Facility for analysis Material Property.
- With in Second we get the Result in Kg. / cm<sup>2</sup> and Nt. / mm<sup>2</sup>.
- Company logo inserting facility.
- Two way Communication Facility.

Three Station Hydrostatic Pressure Testing Panel

Burst Testing Machine for Pipes

Computerized 8 Station Hydrostatic Pressure Testing Panel



End Plugs



**UNIQUE FEATURES OF MACHINE SOFTWARE:**

- Facility of kg/cm<sup>2</sup> vs Time graph & Pressure v/s. Real time tabular column on one screen
- Facility to convert and print result into kg/cm<sup>2</sup>, Bar & mpa
- Facility to export and print tabular column to excel format
- Facility to view Graph and tabular column of 8 stations online on single screen
- Two side communication facility is available in software
- Get graph of every one or four minutes interval
- On line update facility
- Colour Combination can be changed
- Line,bar chart, Dotted line,etc facility in graph
- Graph Grids Colour Combination facility
- Graph Zooming Facility
- Individual Portion Zooming facility
- Com Port Auto Selectable
- Company Logo Inserting facility
- USB Drive Facility for Safety Features
- Can generate print report with individual company logo

**Hydrostatic Pressure Testing Panel**

**PRODUCT :**

The "Kaiser" Hydrostatic Pressure Testing Machines are used to find out the resistance to internal pressure of R-PVC,C-PVC, U-PVC, MDPE, HDPE, LLDPE, Pipes, Fittings, Valves etc. as per IS, BS, ASTM and other equivalent standards. The "Kaiser" Pressure Testing Machines are designed keeping versatility in mind to perform with different applications as specified in international Standard. Kaiser's computerized model is suitable for many praecox applications of Gas pipes, Hosepipes and for the organisations with quality & quantity manufacturing base of above products.

**STANDARDS**

IS 4984, IS 4985, IS 12786, IS 14333, IS 14151, IS 15328, IS 15801, EN 921:1994, ASTM D 1785

**TECHNICAL SPECIFICATION**

MODEL NO.	KHPD-I	KHPD-II	KHPD-III	KHPD-IV	KHPD-V	KHPD-VI	KHPD-VII	KHPD-VIII	KBPD-I
Digital Model	Single Station	Two Station	Three Station	Four Station	Five Station	Six Station	Seven Station	Eight Station	Digital Burst Pressure Testing Panel
MODEL NO.	KHPC-I	KHPC-II	KHPC-III	KHPC-IV	KHPC-V	KHPC-VI	KHPC-VII	KHPC-VIII	
Computerised	Single Station	Two Station	Three Station	Four Station	Five Station	Six Station	Seven Station	Eight Station	N.A.
Models Available	Digital /Computerised								
Test	Long Term / Short Term/Burst Test								
Pressure Range	0 To 99.99 Kg/Cm2, 0 To 250.0 Kg/Cm2 (for Bursting Test)								
Power Supply	230 V Ac, 50 Hz /430 V Ac, 50 Hz (As Per Machine Requirement)								
Pressure System	Airless / Electrical Hydro Pneumatic								
Digital Controller	Facility of Pressure & Time With Set Point of Band Pressure Timer, Burst, Digital Calibration , Decimal Selection								
Resolution of Timer	0.99.99 Hr/999.9 Hr/9999 Hr								
Pressure Temperature Interface with Rs 232	Pressure Up To 8 Pressure Station & Temperature Up to 4 Water Bath can Interface with Machine Software								
Paint	Powder Coating								



Cold Water Bath



Hot and Cold Water Bath

S.S. Oil Bath



Hot Water Bath



## Water Bath

### PRODUCT

"Kaiser" baths are unique designed to heat faster with low energy cost and to maintain the temperature for longer time. To maintain the temperature into the bath circulation is done by either one or two pumps as depending on the volume of bath.

Temperature is controlled by microprocessor based controllers. In large size bath :kaiser" gives separate bath for heating & the hot water is circulated to the other chamber so as to save the energy cost.

### APPLICATION

Hot and cold water baths are used for long & short term Hydrostatic Pressure test of pipes. These baths are made as per international standards to provide the heating & cooling media to the product.

### TECHNICAL SPECIFICATION

MODEL NO.	KWB-H1	KWB-H2	KWB-H3	KWBE-H4	KWB-C1	KWB-C2	KWB-C3	KWB-HC1	KWB-HC2	KWB-HC3	KWB-O1	KWB-O2
MODEL NAME	HOT WATER BATH	HOT WATER BATH	HOT WATER BATH	HOT WATER BATH	COLD WATER BATH	COLD WATER BATH	COLD WATER BATH	HOT & COLD WATER BATH	HOT & COLD WATER BATH	HOT & COLD WATER BATH	HOT OIL BATH	HOT OIL BATH
Size	18"X18"X18"	48"X36"X18"	72"X48"X48"	48"X18"X18"	18"X18"X18"	48"X36"X18"	72"X48"X48"	18"X18"X18"	48"X36"X18"	72"X48"X48"	19"X15"X24"	32"X28"X22"
Temp. Controller	Digital PID controller with range upto 0 to 100°C (as per requirement) and accuracy of +/- 0.1 Deg.C.				Digital PID controller with range upto -50°C to 100°C (as per requirement) and accuracy of +/- 0.1 Deg.C.			Digital PID controller with range upto-50°C to 100°C (as per requirement) and accuracy of +/- 0.1 Deg.C.			Digital PID Controller with range upto 200°C and accuracy of 0.1 Deg.C	
Water Circulation through	Reputed Company make tullu water pump				Reputed Company make tullu water pump			Reputed Company make tullu water pump			Oil Circulation through Remi Motor	
Refrigeration	N.A.				Kirloskar Make Compressor			Through Kirloskar Make Compressor			N.A.	
Heating	Stainless Steel water heater as per heating capacity				Stainless Steel water heater as per heating capacity			Stainless Steel water heater as per heating capacity			Stainless Steel water heater as per heating capacity	
Insulation	Glasswool Insulation				Puff Insulation			Puff Insulation			Glasswool Insulation	
Material of construction	Inner Stainless Steel body & Outer Mild steel body				Inner Stainless Steel body & Outer Mild steel body			Inner Stainless Steel body & Outer Mild steel body			Inner Stainless Steel body & Outer Mild steel body	
Paint	Powder Coating through Seven Tank Process											
Power Supply	230V AC,440 V AC,50 Hz As per Heating & Cooling Capacity in Standard Requirement											
Scope of Supply	Machine with above specifications excluding oil											

\*\* Temperature range and inner size of bath will be provided as per individual requirement.





## ▶ Air Circulating Oven

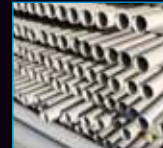
MODEL NO.	KHAO-1	KHAO-2	KHAO-3
MODEL NAME	HOT AIR OVEN	HOT AIR OVEN	HOT AIR OVEN
INNER SIZE	12"X12"X12" (OR As per Requirement)	18"X18"X18" (OR As per Requirement)	24"X24"X24" (OR As per Requirement)
Temp. Controller	Digital PID controller with range upto 250 Dg.c. and accuracy of $\pm 0.5^{\circ}\text{C}$		
Air Circulation	Circulating Fan		
Tray	1 Nos. (Or as per Size Requirement)		
Heating Load	1.5 KW (or as per Temperature requirement)		
Material of construction	Inner Stainless Steel body & Outer Mild Steel Body with 50 mm Insulation		
Paint	Powder coated		
Power Supply	230 V AC / 50Hz		



## ▶ Zero Degree Chamber

Model	KZDC-I	KZDC-II
Temperature Range	0°C to Ambient	-10°C to Ambient
Controller	Microprocessor Control	Microprocessor Control
Model	Vertical / Horizontal	Vertical / Horizontal
Size	18"X18"X18"	18"X18"X18"
Cooling	Through Kirlosker make Compressor	
Paint	Powder Coating	
Power Supply	230V AC,50Hz	

\*\*\* Inner size and Cooling Temperature as per Requirement.



## ▶ Humidity Chamber

Model No	KHU-I	KHU-II
Inner Size	18"X18"X18"	24"X24"X40"
Temp. Range	15°C to 55°C	15°C to 55°C
Accuracy	$\pm 1\%$ FSD	$\pm 1\%$ FSD
RH % range	5% to 95%	5% to 95%
Controller	PID with RH Indicator	PID with RH Indicator
Inner chamber	Stainless Steel	Stainless Steel
Material of Construction	Mild Steel with powder coating	Mild Steel with powder coating
Tray	One	Two
Door	Inside Glass door for Easy Visibility	Inside Glass door for Easy Visibility
Power	230 V AC / 50 Hz	230 VAC / 50 Hz
Paint	Powder Coating	Powder Coating

\*\*\* Temperature range and Inner size of Chamber will be provided as per individual requirement







## Carbon Black Content Tester

<b>Model No.</b>	<b>KCBC-I</b>
Instrument	Microprocessor based PID Controller with range up to 1000 °C and Accuracy of $\pm 1^\circ\text{C}$
Heating Load	2 kw
Accessories	Related Glassware and Chemicals
Paint	Powder Coating
Power Supply	230 V AC/ 50 HZ
Scope of Supply	Machines with above Specification excluding Nitrogen Gas Cylinder

Standard : IS 2530, 2508, 4984 ASTM D 1603



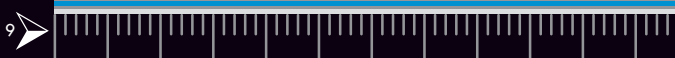
## Carbon Black Dispersion Tester

Model	KCBD-I	KCBDC-II
Magnification	100X, 450X Lens	100X, 450X Lens
Light source	Halogen lamp 6-12 Volt	Halogen lamp 6-12 Volt
Screen	6"	6"
Photography	N.A.	Digital Camera With 10X eye piece & photomicrography adapter
Image Analysis	N.A.	Imported software provided for graphical analysis of image .
Hot plate	Thermostatically operated hot plate with 8" dia meter and voltage control switch projection microscope, with 6" diameter screen, built-in variable halogen lamp, light with special rack and penion and mechanical arrangement.	
Supply	230 V AC/50HZ	



## Muffle Furnace

Model No	KMUF-I	KMUF-II
Size	4" X 4" X 9"	6" X 6" X 12"
Temperature Controller	Digital PID Controller with Resolution of 1°C & Accuracy of 1°C	
Temperature Range	Ambient to 1000°C	
Heating Load	2 KW	
Material of Construction	Mild Steel body	
Accessories	Related Glassware	
Paint	Powder Coating	
Power Supply	230 V AC / 50Hz	





## ➤ Melt Flow Indexer

<b>Model No.</b>	<b>KMFIM-I</b>
Temperature Range	0-350 Deg.C.
Micro Controller	Specially designed Micro controller for temperature and time with buzzer output
Resolution	0-999.9 sec
Sample Cutting	Manual
Weights	Standard 2.16 Kg. & 5 Kg. (other load as per requirement)
Method of Test	A
Accessories	Piston, Orifice, Material Changer, Ejector, Orifice Cleaner, and Knife
Paint	MS body with powder coating & Hard chrome
Power Supply	230V AC / 50 Hz

Standards : ASTM D 1238 Method A & B, ISO 1133, IS 2508 / 2530 / 4984



## ➤ Pipe Notch Cutter

<b>Specifications</b>	
Notch Cutter Tools	As per Standard
Cutter Angle	60°
Cutter Width	125 mm
Cutting Rate	700 rev. /min / 1.50mm
Speed	Variable with AC Frequency Drive
Displacement Sensor	With resolution of 0.01mm
Maximum Pipe Diameter	315 mm or as per requirement
Model	Floor Standing Model
Power Supply	230 Volt AC, 50 Hz, Single Phase



## ➤ Environmental Stress Cracking Resistance (E.S.C.R.)

<b>Model No.</b>	<b>KESCR-I</b>
Bath Size	Inner Bath Size 12" X 18" X 10" & Outer Size 14" X 20" X 12"
Material Construction	Inner Bath Stainless Steel outer Bath Mild Steel body.
Temperature Controller	Microprocessor Based digital Auto tune PID controller with range up to 150°C Resolution of 0.1 °C & accuracy of +/- 0.5°C
Heating Load	2 KW
Circulation	Induction motor with Stirrer
Testing Capacity	Six Test at a time
Accessories	Cutting Die, Nicking Jig, bending cum Transfer tool and Aluminum Foil Specimen holder, Test tube and rubber cork-6 nos. each.
Special Features	Front side Glass and door facility for easy visibility (As per requirement)
Paint	Powder Coating
Power Supply	230V AC, 1 Phase, 50 HZ

Standard : ASTM D 1693 or Equivalents



➤ V.S.P. | H.D.T.



Model No.	KVSPA-I	KHDTA-I	KHDT/VSPA-I	KVSPC-I	KHDTC-I	KHDT/VSPC-I
Model Name	Analog VSP	Analog HDT	Analog HDT/VSP	Computerised VSP	Computerised HDT	Computerised HDT/VSP
Temperature Range	Ambient to 250°C			Ambient to 250°C		
Temperature Rate of rise	Selectable (50°C/hr or 120°C/hr)			Selectable (50°C/hr or 120°C/hr)		
Displacement measuring Station	Dial Guage			Electronic Displacement Sensor		
Bath Capacity	1 station to 8 Stations			1 station to 4 Stations		
Cooling	9 ltrs. To 20 ltrs.			9 ltrs. To 20 ltrs.		
Interface	Through Tape Water			Through Tape Water		
Construction of Material	N.A.			RS 232 USB Port		
Power Supply	Inner Stainless Steel & Mild Steel body with powder coated			Inner Stainless Steel & Mild Steel body with powder coated		
Scope of Supply	230 VAC, 50 Hz, Single Phase			230 VAC, 50 Hz, Single Phase		
	Machine with above specifications excluding oil					

Standard : IS 4985 or Equivalents



Impact Tester for Film

Impact Tester for Pipe

➤ Free Falling Dart Impact Tester

Model No.	KFFD-I
Dart	Alluminum / Stainless Steel Dart as per Standard
Vacuum Pump	760 Hg Vacuum Pump with Analog Gauge
Counter	Digital counter with range of 9999 count
Height	up to 2000 mm or as per requirement
Power Supply	230 VAC, 50 Hz

Standard : IS 2508, 4985, ASTM D 1709, and BIS 2782 or Equivalents



Izod | Charpy Impact Tester

➤ Izod | Charpy Impact Tester



Model No.	KIZ-A-I	KIZ/CH-A-2	KCH-A-III	KIZ-D-I	KIZ/CH-D-II	KCH-D-III	KIZ-C-I	KIZ/CH-C-2	KCH-C-III
Models	Analog Izod Impact	Analog Izod/Charpy Impact	Analog Charpy Impact	Digital Izod Impact	Digital Izod /Charpy Impact	Digital Charpy Impact	Computerised Izod Impact	Computerised Izod/Charpy Impact	Computerised Charpy Impact
M/c. Details	Analog Izod and Charpy			Digital Izod and Charpy			Computerised Izod and Charpy		
Scale Range	2,4,7.5,15,25 Joules			2,4,7.5,15,25 Joules			2,4,7.5,15,25 Joules		
Hammers	Two	Four	Two	Two	Four	Two	Two	Four	Two
Material of Construction	Rigid Casting & Mild Steel Body with Powder Coating								
Computer Interface	N.A.					RS 232 Window based Software			
Power Supply	230 V AC, 50 Hz								

Standards : ASTM D 256 , ISO 180, for Izod Impact, ISO 179, ASTM D 6110 for Charpy Impact, ASTM D 48123 unnotched Cantilever Beam Impact ASTM D 4508 for Chip Impact, ASTM D 950 Adhesive Bond Impact



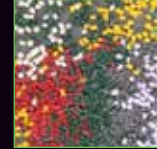
Notch Cutter





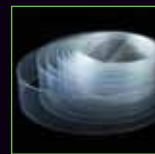
## Two Roll Mill

Model No.	KTRM-I
Roll Size	150mm X 300mm (As per Requirement)
Instrument	Special Design Instrument with two temperature Input RTD Sensor, LCD Display Emergency Switch and timer Facility
Temperature Range	Ambient to 300°C
Heating Media	Electrical through Cartridge heaters
Speed	Motor Speed Variation through Reputed Company Make A.C. Frequency Drive
Speed Reduction	30 : 1 through gear reduction and infinite variation through AC drive
Thickness Variation	From 1mm to 7mm with Special Telescopic design.
Friction Ratio	1 : 1.2
Motor Capacity	3 HP AC Motor-1440 rpm
Heating Load	1.5 kw per roller
Model	Rigid floor Standing Model
Paint	Powder Coating and Hard Chrome
Power Supply	440 V AC 3 Phase,50Hz



## Co-Efficient of Friction Tester

Model No.	KCOFD-I (digital)	KCOFC-I (computerized)
Speed	Variable through DC Drive	Variable through DC Drive
Digital Indication	Load and Speed	Load Speed
Micro Controller	LCD based with facility load indication (000.0 gm) & extension (000.0 mm). Speed indication available 0000 mm/min through proximity switch or encoder.	LCD based with facility of load indication (000.0 gm & extension (000.0 mm). Speed indication available 0000 mm / min through proximity switch or encoder.
Interface	N.A.	RS 232 window based software
Load Cell	Beam Type with safety Fabrication Cover.	Beam Type with safety Fabrication Cover.
Moving Platform	Stainless Steel Polished Plate Glass / Acrylic or as per Standard requirement.	Stainless Steel Polished Plate Glass / Acrylic or as per Standard requirement.
Result	N.A.	Static COF / Dynamic COF
Paint	Powder Coating	Powder Coating
Power supply	230 VAC, 50 Hz Single Phase	230 VAC, 50 Hz Single Phase



## Compression Moulding Press

Model No.	KCMP-I	KCMP-II	KCMP-III	KCMP-IV
Capacity	0-10 Ton	0-15 Ton	0-25 Ton	0-50 Ton
Platen Size	250mmX250mm [Mould size : 100 mmX 100mm X 5 mm]			
Stroke	Day Light (Up Stroke)			
Temperature Controller	Individual Microprocessor based Temperature Controller for both Platenes.			
Cooling	Through Tap Water			
Power Supply	440 V, 50Hz			
Paint	Powder Coating			
Model	Floor Model			





## Electrical Conduits



Bending Test Apparatus



Ball Point Apparatus



Water Bath for Conduit Pipe



Collapse Test Equipment



Freezer for Impact Tester



HV Tester & Million  
Megohms Meter



Crushing & Compression Tester



Impact Tester for Conduit Pipe



Flamability Chamber





Mini Hot Press for Density Test



Top Load Tester



Emitter Flow Rate Variation Tester



Opacity Tester



Tear Tester for Film



Burst Tester for Film



Digital Density | GSM | Weighing Balance

\*\* Latest Models of Machines are Displayed in this Catalogue. We reserve our right to make any changes in Design, Color, Aesthetic look etc. according to demand



# Our inhouse production & Quality



# Quality that matters



# Our Exports

## Export :

Indonesia  
Thailand  
Saudi Arabia  
Pakistan  
Doha  
Kuwait  
Jordan  
Latin America  
Tanzania  
Nepal  
Bangladesh  
Sri Lanka  
Iran  
Qatar  
Abu Dhabi  
Riyadh  
Oman  
Kenya  
Bangladesh  
Poland  
Malasiya  
Syria  
Durban (S.A.)  
Republic of  
Yaman  
Singapore  
Angola



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