



# Laboratory Instruments

*for*

- Microbiology Laboratories
- Water Treatment Plants
- Research & Development Institutes
- Chemical Industries
- Food & AGRO Industries



**EIE INSTRUMENTS PVT. LTD.**

# EIE-104 Vacuum Oven

## Specifications:

- Temp. Range : 50°C to 200°C
- Temp. Controller : By auto-tune PID Digital controller
- Control Accuracy : ±1.0°C
- Outer Body : MS Powder coated/S.S.304
- Inner Chamber : S.S.304/316 stainless steel
- Insulation : High Quality Glass Wool Insulation
- Door : Aluminum/S.S. door
- Observation : Toughened glass viewing window
- Maximum Vacuum : 760mm Hg with vacuum pump
- Vacuum Indication : 2" vacuum gauge
- Removable Trays : S.S.304 trays
- Power Consumption : 230V, 50Hz, Single Phase



### Rectangular Working Chamber Size (L x W x H) (mm)

200	X	200	X	300
300	X	300	X	400
350	X	350	X	500
450	X	450	X	600
500	X	500	X	750

### Round Working Chamber Size (Dia x Depth) (mm)

200 x 250	250 x 250	250 x 300	300 x 300
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## Optional Accessories at extra cost :

- 1 21-CFR PC Software With connectivity
- 2 Data logger
- 3 On site validation

# EIE-109 Flocculator (Jar Test Aparatur)

## Salient Features :

- Strong resistance to chemical and mechanical corrosion
- Stirring rods adjustable in height without any tools
- Reliable and repeatable results from stirring quality
- Precise speed from an electronically controlled DC gear motor
- For uniform stirring up to 2/4/6 samples simultaneously
- Tactfully designed flocculator cabinet
- Aesthetic outer appearance
- Supplied without glass beaker. (Can be procured at extra cost)

## Technical Specifications :

- Variable speed range : 20 to 200 RPM approx
- Electric Motor : DC electric motor with Reduction Gear
- Motor speed control : With DC drive
- RPM Indication : Digital RPM Indication
- RPM Display : LED Display
- Motor Make : Standard reputed make
- Motor Watt : 25 watt/40 watt
- Illumination : Fluorescent tube under acrylic cover
- Operation on : 230 Volts, 50 Hz, 1 Phase, AC Supply



Mode	EIE-109C			EIE-109I		
	EIE-109C2	EIE-109C4	EIE-109C6	EIE-109I2	EIE-109I4	EIE-109I6
No of DC Motors	1	1	1	2	4	6
No of Paddles	2	4	6	2	4	6
No of Drives	1	1	1	2	4	6
RPM Indicator	1	1	1	2	4	6
Speed Range	20-200 RPM	20-200 RPM	20-200 RPM	20-200 RPM	20-200 RPM	20-200 RPM
Digital Timer (Opt.)	1	1	1	2	4	6

# EIE-111 Laminar Air Flow (Horizontal/Vertical)



## Specifications :

- Direction of flow : Horizontal
- Velocity : 90 FPM  $\pm$  20%
- Particle retention : Above 0.3 micron.
- Blower Assembly : 1/6 HP, 1440 RPM
- Noise level : 65 decibel  $\pm$  5%
- Rate of air flow : 0.40 to 0.75 M/Seconds (90 FPM)
- Vibration level : < 2.5 micron
- HEPA Filter : MiniPleat HEPA Filter (H-14 Rating)
- Efficiency : 99.997%
- Ultra violet lamp : 3 feet, 30 watts
- Work table : S.S. 304/S.S. 316 Grade
- Exterior body : Powder coated 18 SWG CRC Sheet

## Salient Features :

- Cleanliness : ISO Class 5 as per ISO 14644-1
- S.S.304 work table
- Polycarbonate front door
- Mini Pleat HEPA Filter- separator less (H-14 rating)

## Standard Accessories :

- Fitted with LED LIGHT FITTING, Gas cock, castor wheels, Inclined Manometer, additional 5 amp power point, side screens made of 4 mm polycarbonate.

## Optional Fittings :

- 1 Microprocessor Controller indicating down flow velocity, Hour counting of UV Lamp & Motor/blower and alarm for safe mode door-opening height, Date of HEPA FILTER change etc.
- 2 On site Validation and Calibration, IQ/OQ/OQ certification.

Table Size (Ft)	Hepa Filter Size (Ft)	No of Pre-Filter	UV Tube Watts
2' x 2' x 2'	2' x 2' x 6' (1)	1	1 x 20
3' x 2' x 2'	3' x 2' x 6' (1)	1	2 x 20
4' x 2' x 2'	4' x 2' x 6' (1)	1	2 x 40
6' x 2' x 2'	3' x 2' x 6' (2)	2	2 x 40

# EIE-112 Fume Hood

## Salient Features :

- Front door slide : 600/900 mm height from work table
- Worktable height : 750/900 mm from the floor level
- Air Balancing : 100% Exhaust with air bye-pass entry
- Noise Level : 70 dB "A" Scale, if blower mounted outside the lab
- Suction Velocity : 80 to 100 FPM, when the door half-closed
- Power Supply : Three Phase, 415 V, 50 Hz

## Construction Details :

- Inner chamber : 3 mm FRP-GP lining upto 600 mm height from worktable
- Outer body : Galvanized Iron with PU Coated Construction
- Working surface : 5 mm thick FRP with heavy underneath support
- Working area : With Sturdy baffle to direct the fumes/odor/smoke
- External finish : Smooth and polished finish
- Front door (Sliding sash) : 5 mm thick Polycarbonate sheet
- Sink : Made of FR/PP with two way swan neck water tap

Working Table Size (Feet)	Model Nos. (EIE-112P)	GMP Model Nos. (EIE-112G)
3 x 2 x 2	EIE-112P3	EIE-112G3
4 x 2 x 2	EIE-112P4	EIE-112G4
5 x 2 x 2	EIE-112P5	EIE-112G5
6 x 2 x 2	EIE-112P6	EIE-112G6



P : PU Coated, G : GMP

# EIE-201 Bacteriological Incubator



## Salient Features :

- Outer chamber CRC-powder coated/S.S. matt finish
- Inner chamber of S.S.304/S.S.316-mirror polished
- Full length inner Glass door for test observation
- 65mm high density Glasswool insulation
- Sealed and enclosed heaters to working chamber
- Temp. range : 5°C above ambient to 70°C
- Temp. control : By auto-tune PID Digital controller
- Operation on : 220/230V AC single phase
- Control accuracy :  $\pm 0.5^\circ\text{C}$  or better
- Special heavy duty Stainless steel lock and door hinges
- Stainless steel crimped wire mesh Shelves
- Adjustable air ventilation at top
- Forced air circulation

## Optional Accessories at extra cost :

- 1 21-CFR PC Software With connectivity
- 2 Data logger
- 3 On site validation

Working Size (H x W x D) (cm)	Liters	Trays
35 x 35 x 35	43	1
45 x 45 x 45	92	2
60 x 45 x 45	121	3
60 x 60 x 60	216	3
90 x 60 x 60	324	3

# EIE-202 BOD Incubator

## Specifications :

- Construction : Double walled
- Interior : S.S.304/S.S.316
- Exterior : Powder coated mild steel material
- Thermal Insulation : PUF insulation
- Insulation thickness : 70 mm
- Temperature Range : 5°C to 60°C
- Illumination : Fluorescent Tube light
- Fluorescent light : 11 Watts
- Heating source : U-shaped S.S. Tubular heaters
- Refrigeration : CFC free EMERSON compressor
- Refrigerant : R-134a eco friendly refrigerant
- Observation : Inner transparent acrylic door
- Door lock : Ergonomic & Secured door lock
- Feet on : Castor wheels (For easy mobility)
- Electrical : 230 Volt, 15A, 50 Hz, AC Supply

## Optional Accessories at extra cost :

- 1 21-CFR PC Software With connectivity
- 2 Data logger
- 3 On site validation



Working Size (H x W x D) (cm)	Liters	Trays
45 x 45 x 45	92	2
60 x 45 x 45	121	2
70 x 50 x 50	175	2
60 x 60 x 60	216	3
90 x 60 x 60	324	3

# EIE-203 Orbital Shaking Incubator

## Salient Features :

- Construction : Double walled
- Interior : S.S.304/S.S.316
- Exterior : Powder coated mild steel material
- Thermal Insulation : PUF insulation
- Insulation thickness : 70 mm
- Temperature Range : 5°C to 60°C
- Illumination : 11 Watts Fluorescent Tube light
- Heating source : U-shaped S.S. Tubular heaters
- Refrigeration : CFC free EMERSON compressor
- Refrigerant : R-134a eco friendly refrigerant
- Observation : Inner transparent acrylic door
- Shaking : Achieved by PMDC motor with DC Drive
- Motor RPM : 50-250 RPM (Shaking speed)
- Motor speed display : Digital RPM Indicator
- Speed control : By Rotary Potentiometer
- Electrical : 230 Volt, 15A, 50 Hz, AC Supply
- Interchangeable S.S. tray with spring loaded S.S. Lotus clamps



To hold capacity	Regular Model (EIE-203DP)	GMP Model (EIE-203DG)
9 flasks of 250 x 500 ml	EIE-203DP9	EIE-203DG9
16 flasks of 250 x 500 ml	EIE-203DP16	EIE-203DG16
20 flasks of 250 x 500 ml	EIE-203DP20	EIE-203DG20
36 flasks of 250 x 500 ml	EIE-203DP36	EIE-203DG36

## Optional Accessories at extra cost :

- 1 21-CFR PC Software With connectivity
- 2 Data logger
- 3 On site validation

**Note :** Custom sizes for accommodation of different capacity flasks are also available.

**D :** Digital, **P :** Powder coating, **G :** GMP

# EIE-205 Deep Freezer

## Salient Features :

- Inner Chamber : Duly Polished 304 Grade Stainless Steel inner chamber
- Exterior Body : Outer made of Mild Steel with powder coated
- Temp Control : Microprocessor based controller
- Temp Range : **-0°C to -26°C/-20°C to -45°C/-40°C to -86°C**
- Temp Accuracy/Res. :  $\pm 3^\circ\text{C}/0.1^\circ\text{C}$
- Temp Sensor : PT 100 sensor
- Insulation : Polyurethane Insulation (PUF)
- Alarm : Audio Alarm for high and low temperature
- Refrigeration system : CFC free refrigeration system
- Main door : Double walled main door with sub doors.
- Sub doors : Sub doors made of stainless steel sheet S.S.304
- Gasket : Double Gasket system for leak proof
- Door hinges : Heavy duty hinges with toggle type
- Mobility : Heavy duty Castor wheels for easy movement

Inner chamber size (cms) (H X W X D)	Chamber capacity (Liters)	Inner Door	Inner Tray
70 X 35 X 40	100	4	3
110 X 40 X 40	170	5	4
110 X 50 X 50	270	5	4
110 X 55 X 55	325	5	4
110 X 60 X 60	395	5	4



## EIE-206 Vertical Autoclave (Fully Automatic)

### Salient Features :

- Working chamber & Exterior body fabricated from S.S.-304
- Lid, flange & bottom sheet also made of stainless steel.
- Fully Automatic operation
- Microprocessor based Digital Temperature Indicator cum Controller
- PID Controller Controls temperature/pressure precisely at set value
- User adjustable in-built digital timer
- Automatic steam exhaust at the end of test cycle
- Double safety high pressure release valve
- Triple safety manual high pressure release valve
- Low water level heater safeguard
- Safety high temperature cut off
- Pressure range : 15 to 22 PSI, factory set at 15 PSI
- Temperature Range : 121°C to 125°C
- Lid fitting pressure gauge : 0-30 PSI
- Supplied with Calibration certificate with traceability

### Optional Fittings :

- 1 21-CFR PC Software with connectivity
- 2 Basket made of thick S.S. Wire mesh rods
- 3 LCD Smart programmable graphic controller



Working Size (Dia x Height) (cm)			Liters
30	x	50	35
35	x	55	53
45	x	60	95
45	x	75	119
55	x	75	178

## EIE-207 Horizontal Rectangular Steam Sterilizer

### Applications :

Most crucial and versatile instrument for sterilization needs in Pharmaceutical industries, Medical, Hospitals & Clinical laboratories and in Dental laboratories.

### Compliance regulations :

cGMP, GAMP, FDA and EU regulations



### Technical Specifications :

Inner dimensions (mm)	450 x 450 x 900 mm	600 x 600 x 1200 mm	600 x 600 x 1500 mm	900 x 900 x 1500 mm
Inner dimensions (Inches)	18" x 18" x 36"	24" x 24" x 48"	24" x 24" x 60"	36" x 36" x 60"
Capacity (Liters)	180	432	540	810
Working load (kw)	12	18	18	27

# EIE-210 Electric Hot Plates



### Salient Features :

- Body made of CRC sheet-powder coated/S.S.304
- Top plate of Heavy cast Iron/Stainless Steel (S.S.304)
- Unique design of Hot plate with Grooves-concealed heaters
- Sealed heaters in Grooves ensuring long life
- Uniform heating throughout the Hot Plate
- Max. surface temp. : 300°C
- Temp. control : Energy regulator/PID controller
- Operation on : 230 V, 50 Hz, AC supply
- Fully air ventilated lower body for minimum heat even when the top plate is fully heated

- Supplied complete with pilot indicating lamps for MAINS and HEATER operation, power plug and 2 meter long cord wire to work on 220/230 AC, Single phase.

Round Hotplate		Rectangular Hotplate	
Top Plate Size (dia) (cm)	Rating Watts	Top Plate Size (cm)	Rating Watts
20	1000	25 x 30	1000
23	1500	30 x 45	2000
30	2000	45 x 60	3000

# EIE-212 Slide Warming Table

### Salient Features :

- Highly Efficient
- Corrosion resistant for high durability
- Provides uniform heat transfer over entire surface
- Stainless steel top surface
- Insulated top plate
- Compact and unique design
- Supplied with suitable cord wire and plug

### Technical Specifications :

- Body : Mild Steel material
- Paint : Powder coating
- Top Plate : S.S.304/Aluminum Material
- Temp controller : Digital PID controller
- Temp range : Ambient + 5°C to 70°C
- Control Accuracy : ± 0.5°C
- Display : Digital LED display
- Heating elements : Sealed heating elements
- Insulation : CERA Wool insulation
- Operates on : 230 Volts, 50 Hz, AC supply
- Working size : 30 x 20 x 15 cm (L x B x H)



### Selection Guide :

Top Plate Material	SS Top Plate/ Powder Coating Body	Aluminum Top Plate/ Powder Coating Body	SS Top Plate/SS Body (GMP Model)	Aluminum Top Plate/ SS Body
Model No.	EIE-212SPD	EIE-212APD	EIE-212GD	EIE-212ASD

D : Digital, C : C.I. Top Plate , P : Powder Coated, S : Stainless Steel, G : GMP, A : Aluminum

## EIE-217 C.O.D. Digestion Apparatus (Digital Model)



### Specifications :

- Temp. Range : Above ambient to 180°C or higher
- Resolution : 0.1°C
- Dimension of holes : 40mm Dia x 80mm Depth
- Selectable timer : Up to 120min with alarm provision
- Display : Digital 12mm Red LED
- Control : Digital Electronic Temp. Controller
- Heater Rating : 750 Watts
- Sensor : PT-100
- Timer : Selectable 15, 30, 45, 60, 90 or 120 min with alarm
- Hole Size : 40mm Dia x 80mm Depth
- Glass Tube : 38mm. dia, 15 nos (5x3 rows)
- Sample Volume : 20ml. Each.

### Note :

COD Digestion Apparatus with six test sample available.

### Construction Details :

- Double walled construction
- Effective insulation for minimum heat loss
- Outer cabinet of mild steel material duly powder coated
- Aluminum Block with holes - used to hold 15 nos. COD test tubes
- Block is heated to maintain temperature up to 180°C
- After digestion of samples, the analysis can be carried out by manual titrimetric or colorimetric method

### Optional Fittings (At Extra Cost) :

- 1 Spare COD Tube
- 2 Spare Air condenser
- 3 COD Tube Stand
- 4 Air Condenser Stand
- 5 S. S. Bath

## EIE-220 Bomb Calorimeter (Firing Unit with Printer)

### Compliance Standards :

- IS 1360 part II : 1970

### Details :

- Consists of accessories such as calorimeter vessel, Water jacket, Offset stirrer, crucible, Fine adjustment valve with built-in pressure gauge, Ignition wire, Palette press, electronic firing unit and other dedicated accessories etc
- Microcontroller based
- Automatic measurement and calculation of Calorific Value/Water Equivalent
- Temp. Display : 16 x 2 character Digital display
- Temp. Range : 0-100°C
- Differential Temp. : 0-10°C
- Temp. Accuracy : 0.01°C
- Firing Voltage : 12 V AC
- Thermal printer interface for printing the final result
- Automatic detection of temp. rise & fall
- Automatic operation eliminates need of operator presence
- Weight of tablet feed-able through keypad by user
- Water equivalent settable through keypad by user
- Automatic alarm on Firing as well as after the test completes
- Memory storage for data
- Dedicated PC Software





# EIE-222 Collapsibility Tester for Aluminum Tubes

## Compliance Standards :

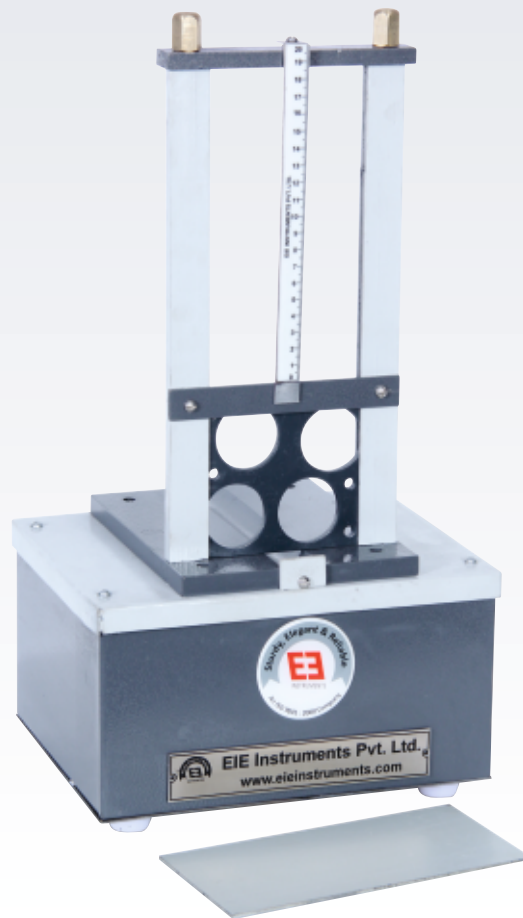
- IS: 7182-1973

## Application :

- The test is required for assessing the functional quality of aluminum collapsible Tubes.

## Details :

- A standard load is allowed to fall on the empty tube and the resistance offered to this load is measured.
- Designed For tube of diameter : 13.5 mm
- Grooving radius : 32 mm
- Grooving Depth :  $5 \pm 0.2$  mm
- Distance b/w stopper & shutter : 32 mm
- Shutter weight :  $70 \pm 1$  Gram
- The auxiliary base plate is to be inserted in the apparatus.
- Complete with stand, shutter mechanism and scale.



# EIE-402 Double Walled Water Bath

## Salient Features :

- Double walled rectangular construction
- Outer Chamber GI sheet, power coated/S.S.304 matt finish
- Inner Chamber Stainless Steel (S.S.304/S.S.316)
- 50mm thick Glass wool insulation
- Specially designed full length S.S. immersion heaters
- Temp. Control : By auto- tune digital PID controller
- Temp. Range : Ambient +  $5^{\circ}\text{C}$  to  $99^{\circ}\text{C}$
- Accuracy :  $\pm 0.1^{\circ}\text{C}$  at  $37^{\circ}\text{C}$
- Uniformity :  $\pm 0.2^{\circ}\text{C}$  at  $37^{\circ}\text{C}$
- Operation on : 230 Volts, 50 Hz, A.C. Supply
- Lid : Stainless steel lid with 6/12 holes
- Dia. of Ring : 3" dia with concentric rings
- Supplied complete with pilot indicating lamps for MAINS and HEATER operation, power plug and 2 meter long cord



Working Size (L x W x D) (cm)	Liters	KW	Holes
35 x 25 x 10	9	1	6
40 x 30 x 15	18	1.5	12

# EIE-405 Waterbath Incubator Shaker (Shaking Waterbath)

## Specifications :

- Construction : Double walled
- Inner chamber : S.S.304/S.S.316
- Exterior body : Mild steel material
- Paint : Powder coating
- Insulation : Glass wool insulation
- Temperature Range : 5°C above ambient to 99°C
- Heating : Open type Air heaters
- Temperature controller : Auto-Tune PID Digital controller
- Temperature Stability : ± 0.5°C
- Temperature accuracy : ± 0.5°C
- Shaking : PMDC Geared Motor
- Motor RPM : 40-150 RPM
- Motor speed display : Digital RPM Indicator (Optional)
- Speed control : By electronic Speed Regulator
- Shaking racks : 6 flasks of 100 ml/9 Flasks of 250 ml/12 flasks of 250 ml/18 flasks of 250 ml
- Shaking racks material : S.S.304/S.S.316



Working Size (W x D x H) (cm)					Liters
38	x	40	x	20	30
51	x	45	x	20	35

# EIE-406 Constant Temperature Water Bath (High Precision)



## Salient Features :

- General Purpose Laboratory Water bath for many applications
- Gentle Stirring of bath media by continuous rated, self cooling constant speed stirrer with S.S. shaft and propeller
- Outer chamber GI Powder Coated/S.S.304-matt finished
- Inner chamber of S.S.304/S.S.316
- 50mm thick Glass wool insulation
- Specially designed S.S. immersion Heater-U shaped
- Temp. Range : Ambient + 5°C to 99°C
- Accuracy : ± 0.1°C at 37°C
- Uniformity : ± 0.2°C at 37°C
- Operation on : 230 Volts, 50 Hz, A.C. Supply
- Provided with plain S.S. Lid.

## Optional Fittings :

- 1 Low water level control device
- 2 Circulatory Pump to circulate the bath water to external apparatus like Abbe Refractometer or Coiled condenser etc.
- 3 Digital Controller with resolution of 0.01°C
- 4 Toughened Glass window for sample observation
- 5 Pyramidal Gabled Lid or S.S. Lid with concentric rings
- 6 S.S. Test Tube Rack/Kahn Rack

## Note :

We also manufacture Low Temp. Water bath for below ambient and sub zero applications

Working Size (H x W x D) (cm)					Liters	KW
30	x	15	x	15	7	0.75
25	x	20	x	20	10	1.0
30	x	25	x	20	15	1.5
37.5	x	30	x	25	28	2.0
45	x	35	x	30	47	2.5

Any other special size can be fabricated

# EIE-409 Dry Bath (Multi Block Heater)

## Salient Features :

- Easy to operate
- Compact & bench top design
- Interchangeable blocks (sold separately) to accommodate a wide variety of tubes, plates and slides
- Supplied with a Block Lifter that enables the user to exchange blocks easily, even when the block is hot
- Supplied without test tubes/Plates/Slides

## Technical Specifications :

- Construction : Stainless Steel S.S.-304 Body
- Heating element : Aluminum die-caste blocks
- Temp controller : Microprocessor based controller
- Temp display : LED Display
- Temp sensor : PT - 100 Sensor
- Temp range : 5°C above ambient-180°C
- Temp accuracy : 0.5°C or better
- Display resolution : 0.1°C
- Temp Uniformity : ±0.5°C
- Rise time : ≤ 25 minutes  
(From room temp. to 100 °C)



### Block Size (Wells Dia x No of wells)

06mm dia x 46 Nos	12mm dia x 50 Nos	18mm dia x 12 Nos
10mm dia x 28 Nos	13mm dia x 24 Nos	20mm dia x 08 Nos
10mm dia x 100 Nos	16mm dia x 15 Nos	25mm dia x 06 Nos

# EIE-410 Kinematic Viscosity Bath (Above/Below Ambient)

## Compliance Standards :

- IP 71, ASTM D445, ASTM D446

## Construction :

- Compact and self contained unit
- Double walled unit with Glass wool insulation
- Inner Chamber is made of stainless steel (SS304)
- Outer body made of G.I. Powder Coated
- With toughened glass window panel/Heat resistant
- Observation Window on both sides (Front & Rear)
- Inner chamber is equipped with slow speed motorized stirrer
- Accommodates 2/4/6/8 Viscometers
- Work space illuminated brilliantly without glare
- Temp. controlled by Digital Microprocessor based PID Controller
- Glass U Tube Viscometers to be procured at extra cost

## Technical Specification :

- Temp. range : Ambient + 5°C to 120°C
- Temp. accuracy : @ 40°C ± 0.1°C
- Temp. Display : LED Digital display
- Temp. controller : DIGITAL PID Controller
- Temp. Resolution : 0.1°C
- Power Supply : 230 Volts, 50 Hz, Single Phase, AC Supply
- Temp. sensor : PT-100 Sensor
- Sample Holder : 65mm dia size



## Kinematic Viscosity bath Above Ambient Model Selection Guide :

Chamber size (W x D x H)	Can Accommodate	Volume Capacity (Liters)
20 x 15 x 30 cm	2 Viscometers	9 Liters
23 x 23 x 30 cm	4 Viscometers	15 Liters
36 x 23 x 30 cm	8 Viscometers	25 Liters

AA : Above ambient, D : Digital, P : Powder coating, G : GMP

# EIE-PT-101 Bursting Strength Tester



## Optional accessories

- 1 Pneumatic clamping mechanism
- 2 Thermal printer

## Applicable standards :

ISO 2758, 2759, 2559, 3303, 3689, BS 3424, 3137, ASTM D3786, D774, D2738, T810, T403

## Designed with precision in Mind :

- Proven and reliable performance
- Scientifically calibrated through our in-house calibration laboratory
- Sturdy in construction
- Noise-less functioning
- Stepper motor with automatic fluid pump to achieve fluid flow rate as per TAPPI, ASTM & ISO Standards
- Logical detection of sample failure
- Capacity : 25kg/cm<sup>2</sup> or 50 Kg/cm<sup>2</sup>
- Display Resolution : 0.1 kg/cm<sup>2</sup>
- Unit selections : Kg/cm<sup>2</sup>, Bar and PSI
- Stores data up to last ten readings
- Gives Average Value, Max. Value & Min. Value of the performed Tests
- Reset function to start the new batch testing

# EIE-PT-103 BOX Compression Tester

## Compliance standards :

- IS :7028 (PART VI), IS : 7028 (PART IX), ASTM D4577, ASTM D642, TAPPI : T804

## Salient Features :

- Digital Electro - mechanical model
- PLC & HMI Touch screen display
- Direct Display of Load / Collapsing Force
- No Calculations Required
- Auto-stop upon completion of Test
- Unlimited programmable memories
- Continuous rate of Loading
- 2/4 Load cells for highest accuracy
- Selectable compression units in N, kgf or lbf
- RS-232 data output
- PC Closed Loop Control

## Technical Specifications :

- Capacity : 1000 Kgf (10 KN)
- Least Count : 1 Kgf (0.01 KN)
- Testing Range of : 10 - 1000 Kgf
- Auto-Calibration facility : At 100 Kgf (1 KN)
- Speed : 10 ± 3 mm/min
- Power Supply : 230 Volts, 50 Hz, Single Phase, AC Supply



- Available platform sizes (mm)

450 x 450	600 x 600	1000 x 1000	2000 x 1000
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Data & Design are subject to change without notice. 16-August/2018 Paper: 300 GSM



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