

PRODUCT GROUPS

1. Laboratory Instrument
2. Medical Instruments
3. Pharmaceutical machines
4. Testing machines
5. Petroleum testing instruments
6. Audio- Visuals Instruments and overhead projects.
7. Air-Conditioners
8. Health Care Products- Cardio & Gym Equipments

PRODUCT CATEGORIES

LABORATORY INSTRUMENTS:

1. AEROSOLE
2. AUTOCLAVES
3. BOD INCUBATOR
4. BOTTLE WASHING MACHINE,
5. CONDUCTIVITY/T.D.S. METER,
6. DRY HEAT STERILIZERS,
7. DISSOLVED OXYGEN METER,
8. DE HUMIDIFIER,
9. ELECTROPHORESIS APPARATUS,
10. ELECTRIC BALANCES,
11. FURNACE,
12. GRINDING MILL,
13. GROWTH CHAMBER (ENVIRONMENTAL CHAMBER),
14. GLASS WARE DRYER
15. HEATING MANTLES
16. HOT PLATES
17. HUMIDITY CABINET FORCED AIR CIRCULATION INCUBATOR,
18. JAR TESTING STIRRER APPARTUS,
19. LYPHOLIZER
20. MORTUARY CHAMBERS
21. MELTING POINT APPARATUS
22. NEPHEL OMETERS
23. ORBITAL SHAKING INCUBATOR,
24. OIL BATH HIGH TEMPERATURE,
25. OVEN HOT AIR MAMMERT TYPE,
26. OVENS DRYING, PH METER DIGITAL,
27. PHOTO COLORIMETER,
28. PESTLE & MORTAR AGATE ELECTRIC,
29. PIPETTE WASHER,
30. PIPETTE DRYER,
31. RAINGAUGE,
32. SEED GERMINATOR,

33. SHAKING MACHINE,
34. SIEVE SHAKERS, SEMEN STORAGE CABINET,
35. STIRRERS,
36. SLIDEWARMING TABLE,
37. SEITZ FILTER,
38. TISSUE CULTURE HOOD,
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39. TISSUE HOMOGENIZER,
40. ULTRALOW TEMPREATURE RESEARCH CABINET,
41. VACCUM PUMP ROTARY,
42. VACCUM ROTARY EVAPORATOR,
43. VACCINE STORAGE CABINET,
44. V.D.R.L. ROTATORS,
45. VACCUM OVEN,
46. WATER BATHS,
47. WATER STILL,
48. WATER CURRENT METER,
49. WARBURG'S APPARATUS,
50. WATER AND SOIL ANALYSIS KIT,
51. WALK-IN-INCUBATOR.

MEDICAL INSTRUMENTS

Products Category

BLOOD BANK REFRIGATOR

...✦ BLOOD BANK REFRIGERATOR ESTMB-112



MORTUARY CHAMBER

...✦ Mortuary freezers

Photo Colorimeter

✦ PHARMACEUTICAL MACHINES

1. ESTPB-101: Esteem Bottle washing machines.
2. ESTPB- 102: Esteem Jet Rinser set
3. ESTPB- 103: Esteem Bottle drying oven
4. ESTPB- 104: Esteem Automatic Volumetric Liquid Filling machine
5. ESTPB- 105: Esteem Volumetric (Semi Automatic) Liquid Filling Machine
6. ESTPB- 106: Esteem Volumetric (Semi Automatic) Liquid Filling Machine
7. ESTPB- 107: Esteem Semi Automatic All purpose Filling Machine
8. ESTPB- 108: Esteem All purpose Filling Machine- FOOT/HAND OPERATED

9. ESTPB- 109: Esteem Tube closing & Batch numbering machine- HAND OPERATED
10. ESTPB- 110: Esteem Bottle Inspection Table
11. ESTPB- 111: Esteem Chain Conveyor Machine-SS
12. ESTPB- 112: Esteem PP Sealing Machine
13. ESTPB- 113: Esteem PP Sealing Machine- SEM AUTO
14. ESTPB- 114: Esteem Vial Sealing Machine-Motorised
15. ESTPB- 115: Esteem Dissolver & Stirrer Machine-High Speed
16. ESTPB- 116: Esteem Stirrer Machine-Industrial, Motorized.
17. ESTPB- 117: Esteem Emulsifier/Homogeniser Machine
18. ESTPB- 118: Esteem Colloid Mill/Homogeniser-MINI
19. ESTPB- 119: Esteem Plate Filter Press Machine-Horizontal
20. ESTPB- 120: Esteem Vacuum Filter (Double Stages/S.S.304)
21. ESTPB- 121: Esteem Primary Syrup Vessel/Preparation Tank
22. ESTPB- 122: Esteem Storage-Cum-Mixing Tanks
23. ESTPB- 123: Esteem Jacketed (Double Wall) Mixing Tanks
24. ESTPB- 124: Esteem Double Jacketed (Triple Wall) Mixing Tanks
25. ESTPB- 125: Esteem Working Table (Special Model)
26. ESTPB- 126: Esteem Double Cone Blender
27. ESTPB- 127: Esteem Powder & Mass Mixer Machine
28. ESTPB- 128: Esteem Multimill
29. ESTPB- 129: Esteem Oscillating Granulator Machine
30. ESTPB- 130: Esteem Sifter Machine-Portable, Mechanical
31. ESTPB- 131: Esteem Hot Air Oven/Tray Dryer
32. ESTPB- 132: Esteem Coating Pan
33. ESTPB- 133: Esteem Coating Pan (GMP)
34. ESTPB- 134: Esteem Polishing Pan
35. ESTPB- 135: Esteem Extra Polishing Pan (Pan Only)
36. ESTPB- 136: Esteem Aluminum Tablet/Capsule Hand Counters
37. ESTPB- 137: Esteem Tablet/Capsule Counter (Semi-Automatic Motorised)
38. ESTPB- 138 Esteem Three Speed Planetary Mixer
39. ESTPB- 139: Esteem Double Speed Planetary Mixer (Special Type)
40. ESTPB- 140: Esteem Tincture Press
41. ESTPB- 141: Esteem Kharal/End Runner Machine
- 43 ESTPB- 144: Esteem Horizontal Laminar Flow Bench

TESTING MACHINES

☀ CABLE & INSULATING MATERIALS TESTING EQUIPMENTS

- 1 EST.CI 101- Ageing Oven
- 2 EST.CI 102- AC High Voltage Tester upto 100 KV -250 KV
- 3 EST.CI 103- DC high voltage tester upto 150 KVA- 250 KVA

- 4 EST.CI 104- AC Spark Tester 0-15 KV/0-30KV
- 5 EST.CI 105- DC Spark Tester 0-40 KV
- 6 EST.CI 106- Double Kelvin Bridge
- 7 EST.CI 107- Flamability Test Apparatus
- 8 EST.CI 108- High Precision Water Bath
- 9 EST.CI 109- Million Megha -Ohmeter
- 10 EST.CI 110- Tensile Testing Machine, Cap.250Kg. To Tonnes
- 11 EST.CI 111- Thermal Stability Apparatus
- 12 EST.CI 112- Torsion Testing Machine For Wires



CEMENT, CONCRETE AND AGGREGATE TESTING EQUIPMENT

- 1 EST.CC 101- Aggregate Impact Testing Machine.
- 2 EST.CC 102- Aggregate Crushing Value Apparatus.
- 3 EST.CC 103- Air Entrainment Meter.
- 4 EST.CC 104- Air Permeability Apparatus For Lea & Nurse.
- 5 EST.CC 105- Apparatus For Analysis Of Freshly Mixed Concrete.
- 6 EST.CC 106- Blaine Air Permeability App.
- 7 EST.CC 107 Cylinde-r Capper.
- 8 EST.CC 108- Compacting Factor Apparatus.
- 9 EST.CC 109- Concrete Permeability Apparatus.
- 10 EST.CC 110- Calorimeter For Heat Of Hydration.
- 11 EST.CC 111- Cement Autoclaves.
- 12 EST.CC 112- Compression Testing Machine: Manually Operated, annul
Cum Electrically Operated Electronic Microprocesser Based
System & Computerised -Upto 1000 Tonnes.
- 13 EST.CC 113- Concrete Mixer, Laboratory Type, Hand & Electrically
Operated.
- 14 EST.CC 114- Concrete Test Hammer.
- 15 EST.CC 115- Compressometers & Extensometers.
- 16 EST.CC 116- Cube Mould, Briquette Mould, Beam Moulds & Cylindrical
Mould Any Size. (C-I/Gun Metal)
- 17 EST.CC 117- Cylindrical Measure as per IS.
- 18 EST.CC 118- Deval Attrition Machine Electrically Operated.
- 19 EST.CC 119- Dorry Abrasion Machine Electrically Operated.
- 20 EST.CC 120- Fressynet System, Shutter Vibrator.
- 21 EST.CC 121- Fatigue Testing Machine For Concrete Beams.
- 22 EST.CC 122- Flexural Testing Machine (Motorised).
- 23 EST.CC 123- Flow Table, As Per IS 712,1727,1199 & 4031.
- 24 EST.CC 124- Hydraulic Jacks Upto 500 Tonnes.
- 25 EST.CC 125- Humidity Chamber, Any Size.
- 26 EST.CC 126- Jaw Crusher, Laboratory Type.
- 27 EST.CC 127- Jolting Machine, As Per IS 4031.
- 28 EST.CC 128- LeChatlier Flask.


- 29 EST.CC 129- LeChatlier Moulds.
- 30 EST.CC 130- Length Comparator as per IS 1199-1959.
- 31 EST.CC 131- Length Gauge & Thickness Gauge.
- 32 EST.CC 132- Los Angeles Abrasion Testing Machine, Electrically Operated.
- 33 EST.CC 133- Mechanical Rotating Sample Divider.
- 34 EST.CC 134- Mechanical Testing "Gilson" Screen.
- 35 EST.CC 135- Mixing Apparatus, as per IS 1727 & 4031.
- 36 EST.CC 136- Mortar Mixer.
- 37 EST.CC 137- Mortar Penetrometer.
- 38 EST.CC 138- Pre_Stressing Loading Jack and Other Accessories.
- 39 EST.CC 139- Pocket Concrete Penetrometer.
- 40 EST.CC 140- Pulverizer Laboratory Type.
- 41 EST.CC 141- Riffle (Sample Splitter).
- 42 EST.CC 142- Sieve Shakers, Gyrotory, Ro-Tap, Hand/Electrical.
- 43 EST.CC 143- Slump Test Apparatus and Slump Cones.
- 44 EST.CC 144- Southered Viscosimeter
- 45 EST.CC 145- Standard Spatula & trowel for Cement.
- 46 EST.CC 146- Tensile (Briquette) Testing Machine for Cement, hand & electrically operated
- 47 EST.CC 147- Test Sieves.
- 48 EST.CC 148- Tile Abrasion Tester as per IS Electrically Operated.
- 49 EST.CC 149- Tile Flexure Strength Tester as per IS.
- 50 EST.CC 150- Universal Tester 13000 Kg. To 20000 Kg. Cap.
- 51 EST.CC 151- Vee Bee Consistometer.
- 52 EST.CC 152- Vibrating Machine (Mould Vibrator) Vibrator, Internal, Laboratory Type.
- 53 EST.CC 153- Vibrating Table, any size as per Customers requirements.
- 54 EST.CC 154- Vicat Needle Apparatus, for Cement & Lime.
- 55 EST.CC 155- Volume Change app. As per ASTM C-157.
- 56 EST.CC 156- Water Retention App. Ass per ISS, 2250 & IS 4031.

FABRIC TESTING MACHINE

- 1 EST.FB 101- AATC Grey Scale.
- 2 EST.FB 102- ISDC Grey Scale.
- 3 EST.FB 103- BIS Standard Yarn Appearance
- 4 EST.FB 104- Blue Standards (1to 8) Total Set) Board(Set of 5)
- 5 EST.FB 105- Electrical Analytical Balance.
- 6 EST.FB 106- Electronic Weighing Balance.
- 7 EST.FB 107- Electronic Weighing Balance Pocket Model.
- 8 EST.FB 108- Hygrometer (Zeal or Imported).
- 9 EST.FB 109- Thermometer (Zeal)

Thermometer (Digital).

- 10 EST.FB 110- Elmendorf Tearing Tester.
- 11 EST.FB 111- Fabric Thickness Gauge.
- 12 EST.FB 112- Crease Recovery Tester.
- 13 EST.FB 113- Martindale Abrasion Tester.
- 14 EST.FB 114- Stiffness Tester.
- 15 EST.FB 115- Tensile Strength Tester.
- 16 EST.FB 116- Atmosphere Pressure Beaker Dyeing Machine.
- 17 EST.FB 117- Digital Electronic Light Fastness Tester.
- 18 EST.FB 118- Flamability Tester.
- 19 EST.FB 119- Beasley Balance.
- 20 EST.FB 120- Bursting Strength Tester.
- 21 EST.FB 121- Colour Matching Cabinet.
- 22 EST.FB 122- Crockmeter (Digital)
- 23 EST.FB 123- Crockmeter (Manual)
- 24 EST.FB 124- Desimeter
- 25 EST.FB 125- Lux Meter
- 26 EST.FB 126- Maintenance Kit For Colour
- 27 EST.FB 127- Matching Cabinet
- 28 EST.FB 128- Mechanical Weighing Machine
- 29 EST.FB 129- Perspirometer
- 30 EST.FB 130- Pick Glass
- 31 EST.FB 131- Pilling Tester
- 32 EST.FB 132- Quadrant Scale
- 33 EST.FB 133- Round Cutter (Large)
- 34 EST.FB 134- Round Cutter (Small)
- 35 EST.FB 135- Scale For GSM
- 36 EST.FB 136- Shrinkage Limit Plate
- 37 EST.FB 137- U.V Cabinet
- 38 EST.FB Washing Fastness 138 Tester

 **FOUNDRY (MOULDING) SAND TESTING EQUIPMENT**

- 1 EST.FS 101-Core Hardness Tester.
- 2 EST.FS 102- Green Compression Strength Tester.
- 3 EST.FS 103- Green Hardness Tester.
- 4 EST.FS 104- Flowability Indicator.
- 5 EST.FS 105- Laboratory Sand Mixer.
- 6 EST.FS 106- Mould Hardness Tester.
- 7 EST.FS 107- Permeability Meter Core Permeability Tube
- 8 EST.FS 108- Rapid Sand Washer
- 9 EST.FS 109- Ro-Tap Sieve Shaker with Timer.

- 10 EST.FS 110- Sand Rammer.
- 11 EST.FS 111- Sand Sampler.
- 12 EST.FS 112- Sand Testing Sieves.
- 13 EST.FS 113- Speedy Moisture tester.
- 14 EST.FS 114- Sieve Sheker.
- 15 EST.FS 115- Torsion Balance Moisture Meter.
- 16 EST.FS 116- Universal Sand Strength Tester.

FUEL, TAR & BITUMEN TESTING EQUIPMENT

- 1 EST.FT 101- Bitumen Penetrometer.
- 2 EST.FT 102- Cleveland Flash & Fire Point Test app.
- 3 EST.FT 103- Ductility Testing Machine.
- 4 EST.FT 104- Marshall Stability Test Apparatus.
- 5 EST.FT 105- Pensky Martin Apparatus.
- 6 EST.FT 106- Ring and Bail Apparatus.
- 7 EST.FT 107- Standard Tar Viscometer.
- 8 EST.FT 108- Stirrer.

LEATHER & RUBBER TESTING EQUIPMENT

- 1 EST.LR 101- Abrasion Tester-DU-Pont & DIN Type
- 2 EST.LR 102- De Mattia Flex Resistance Tester.
- 3 EST.LR 103- Lastometer.
- 4 EST.LR 104- Leather Flexometer.
- 5 EST.LR 105- Leather Penetrometer.
- 6 EST.LR 106- Ross Flex Tester.
- 7 EST.LR 107- Specimen Cutting Press & Dumbell Cutter.
- 8 EST.LR 108- Scott Flex Resistance Tester.
- 9 EST.LR 109- Shore-A Hardness Tester.
- 10 EST.LR 110- Tensile Testing Machine Capacity 0-250 Kgf. & 500Kgf. As per IS: 5914.
- 11 EST.LR 111- Thickness Gauges as per IS: 5914 & 3400.

PAPER, PULP, CARD BORD & PACKAING TESTING EQUIPMENT

- 1 EST.PP 101- Box Compression Tester.
- 2 EST.PP 102- Compression And Bending Strength Tester.
- 3 EST.PP 103- Drop Tester.
- 4 EST.PP 104- Edge Crush Test Apparatus.
- 5 EST.PP 105- Elmondorf Type Tearing Strength Tester.

- 6 EST.PP 106- Folding Endurance Tester.
- 7 EST.PP 107- Mullen Bursting Strength Tester.
- 8 EST.PP 108- Puncture Resistance Tester.
- 9 EST.PP 109- Quadrant Paper Scale.
- 10 EST.PP 110- Tensile Strength Tester.
- 11 EST.PP 111- Thickness Gauge.

 **SAMPLE DYEING & RELATED EQUIPMENT**

1. EST.DE 101- Conditioning Chamber Hot Air Oven
- 2 EST.DE 102- Digital Pilling Tester.
- 3 EST.DE 103- Hot Plate (1000W)
- 4 EST.DE 104- HTHP Glycerin Bath Beaker Dyeing Machine.
- 5 EST.DE 105- Shaker Vacuum Pump.
- 6 EST.DE 106- Traverse Thread Counter (Digital).
- 7 EST.DE 107- Water Distillation Plant.
- 8 EST.DE 108- Water Bath.

 **SOIL MECHANICS APPARATUS**

- 1 EST.SM 101- Auto level Consolidometer
- 2 EST.SM 102- Bishop's Pore Pressure apparatus
- 3 EST.SM 103- California Bearing Ratio apparatus Field type.
- 4 EST.SM 104- California Bearing Ratio apparatus Lab type
- 5 EST.SM 105- Compaction Permeameter as per USBR
- 6 EST.SM 106- Cone Penetrometer
- 7 EST.SM 107- Consolidation test apparatus
- 8 EST.SM 108- Dames & Moore sampler, piston type samples
- 9 EST.SM 109- Dynamic Penetration app.
- 10 EST.SM 110- Direct Shear test apparatus, hand, electrical and electronic
- 11 EST.SM 111- Extractor frame, hydraulic type and Mechanical.
- 12 EST.SM 112- Field Density test apparatus
- 13 EST.SM 113- Harvard Miniature Compactor, ASTM, D-18-1958
- 14 EST.SM 114- High speed stirrer
- 15 EST.SM 115- In-Situ Vane Shear Test Apparatus
- 16 EST.SM 116- Liquid limits Device, hand and electrically operated.
- 17 EST.SM 117- Load frames, hand and electrically operated 5,15 & 50 Tonnes cap.
- 18 EST.SM 118- Loading truss
- 19 EST.SM 119- Miniature Field Permeameter
- 20 EST.SM 120- North Dakota Cone Apparatus
- 21 EST.SM 121- Permeability & Settlement test Apparatus as per ASTM 8" & 20" size.

- 22 EST.SM 122- Plate Bearing Test Apparatus, IS 2720
- 23 EST.SM 123- Plate Bearing Test Apparatus, IS 1888
- 24 EST.SM 124- Pocket Penetrometer
- 25 EST.SM 125- Proving Ring Penetrometer
- 26 EST.SM 126- Proving Rings, cap 50 Kg to 200 tonnes.
- 27 EST.SM 127- Proctor Compaction. Proctor needle spring type.
- 28 EST.SM 128- Proctor Permeameter
- 29 EST.SM 129- Rapid Soil Moisture Meter & Torsion Balance Moisture meter.
- 30 EST.SM 130- Relative Density Apparatus,(SI-2720 Pt. XIV)
- 31 EST.SM 131- Sampling Outfits, augers, & Split spoon samplers.
- 32 EST.SM 132- Sedimentation analysis apparatus.
- 33 EST.SM 133- Soil density determination apparatus.
- 34 EST.SM 134- Static cone Penetrometer, cap.3000 Kg
- 35 EST.SM 135- Swell Test apparatus
- 36 EST.SM 136- Test sieves, diam 20, 30 & 45cm(Brass/G.I.)
- 37 EST.SM 137- Triaxial Shear Test Apparatus, Manual, Electrical and Electronic for 38mm, 50mm,75mm and 100mm dia samples.
- 38 EST.SM 138- Universal Automatic Compaction apparatus.
- 39 EST.SM 139- unconfined compression test apparatus, spring type, Manually operated.
- 40 EST.SM 140-Unconfined compression test apparatus, proving ring type, manual and electrical operated.
- 41 EST.SM 141 Vane Shear apparatus Laboratory Type hand and electrically operated.
- 42 EST.SM 142 Volume change, gauge single or double.
- 43 EST.SM 143 Volume change Self- compensating Mercury controls, Single, Double, Triple or Quadruple units.

 **STRENGTH OF MATERIAL TESTING MACHINE**

- 1 EST.SOM 101- Brinell Hardness Tester.
- 2 EST.SOM 102- Erichsen Cupping Testing Machine
- 3 EST.SOM 103- Extensometer For Metals.
- 4 EST.SOM 104- Fatigue Testing Machine For Metals.
- 5 EST.SOM 105- Poldi Hardness Tester.
- 6 EST.SOM 106_ Rockwell Hardness Tester.
- 7 EST.SOM 107- Tensile Testing Machine Cap. 5Kg. To 10000Kg.
- 8 EST.SOM 108- Torsion Testing Machine For Rods, Wires, Strips, Tubes, etc.
- 9 EST.SOM 109- Universal pendulum Impact testing machine.
- 10 EST.SOM 110- Universal Spring Testing Machine For Compression and Tension Test.
- 11 EST.SOM 111- Universal Wood Testing Machine For Compression Bending, Shear and Tension Tests.
- 12 EST.SOM 112- Universal Testing Machine Cap. Upto 300 Tonne, Mechanical, Electronic & Computerized Version.

TEXTILE TESTING EQUIPMENT

- 1 EST.TE 101- Count Balance (Quadrant Type)
- 2 EST.TE 102- Lea Strength Tester: Wrap Reel.
- 3 EST.TE 103- Twist Tester Imperial Or Metric.
- 4 EST.TE 104- Polarizing Projection Microscope.
- 5 EST.TE 105- Shade Card Winding Machine.
- 6 EST.TE 106- Wrap Block 18"Hand Driven / Electronic Display.
- 7 EST.TE 107-Wrap Reel.
- 8 EST.TE 108- Yarn Appearance Board Winder.

PETROLEUM TESTING INSTRUMENTS

- 1 ACIDITY BY EXTRACTION,
- 2 ANILINE,
- 3 BOMB CALORIMETER,
- 4 CARBON RESIDUE,
- 5 COPPER STRIP CORROSION TEST APPARTUS,
- 6 CLOUD AND POUR POINT APPARATUS,
- 7 DISTILLATION APPARATUS,
- 8 DENSITY HYDROMETERS,
- 9 DROP POINT APPARATUS,
- 10 DEMULIFICATION APPARATUS,
- 11 FLASH POINT APPARATUS,
- 12 KINEMATIC VISCOMETER BATH,
- 13 SILVER STRIP TEST,

- 14 SMOKE POINT APPARTUS,
- 15 WATER TEST.

 **AUDIO VISUAL INSTRUMENTS & OVERHEAD PROJECTS**

- 1 AUTOMATIC SLIDE PROJECTOR,
- 2 EDIPASCOPE,
- 3 FILMSLIDE PROJECTOR,
- 4 HAND REFRACTOMETER,
- 5 MICROTOMES,
- 6 MICROSCOPES,
- 7 SLIDE PROJECTOR,
- 8 TRANSCOPE