POPULAR TRADERS

Manufacturers of Laboratory Equipment & Research Apparatus

Established 1942 / Saha, Haryana, India

PRICE LIST

2026 EDITION

w.e.f. NOVEMBER 2026



Rotary Evaporators | Electrophoresis | Ovens & Incubators | Water Stills | Autoclaves | Glassware & Accessories

ISO 9001:2015 | CE | MSME Ministry of MSME, Govt. of India | GeM Government e Marketplace | Zed Certification

GST: 06AADFP0587A1ZM

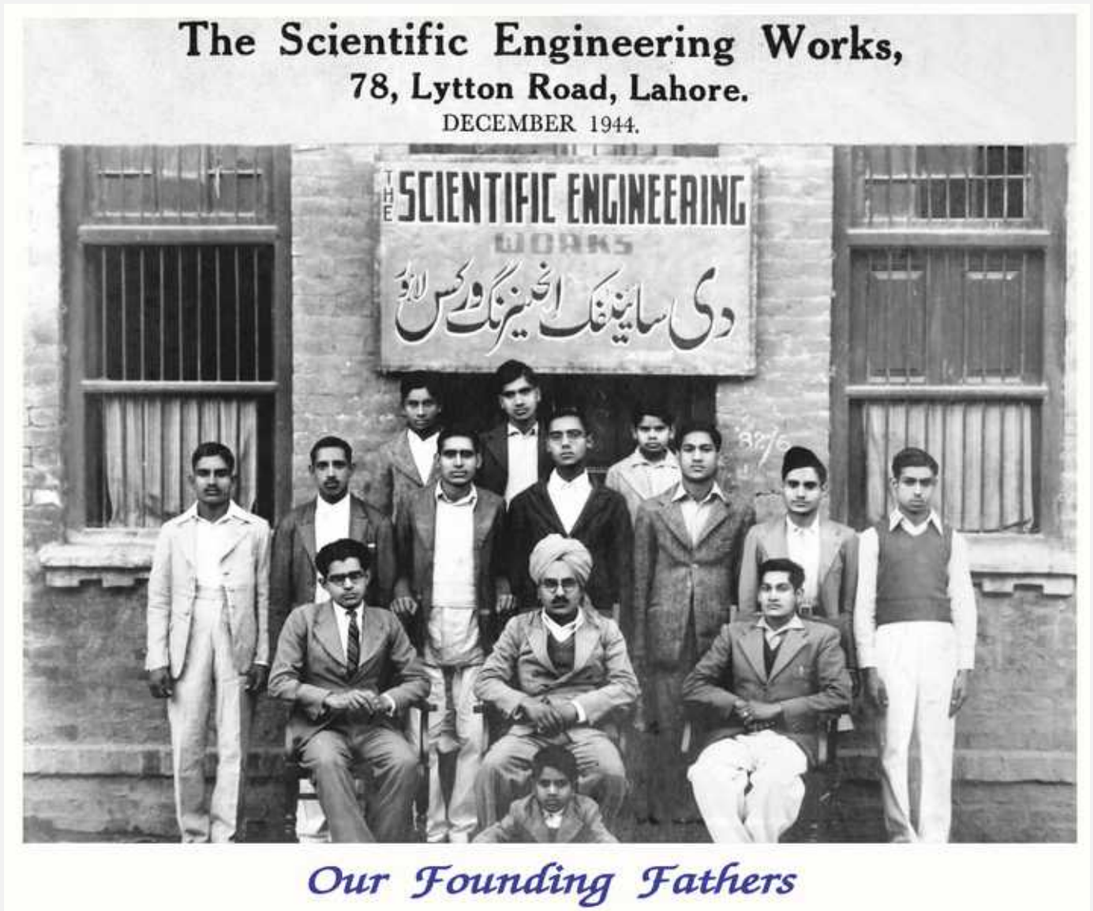
MSME: UDYAM-HR-01-0004468

+91-8199900060 popular1942@gmail.com www.populartradersindia.com

SINCE 1942

Our Heritage

Where it all began – The Scientific Engineering Works, Lahore



The Scientific Engineering Works, 78, Lytton Road, Lahore – December 1944

Our founding fathers. From a single workshop in Lahore to Popular Traders today – 84 years of precision.

1942
Founded in Lahore

1944
Scientific Engineering Works

Today
Popular Traders, Saha (Haryana)

A TRIBUTE

In Loving Memory



LATE SHRI MADAN LAL GUPTA



LATE SHRI VED PARKASH GUPTA

> “ These two stalwart sons of the founder, Shri Mohan Lal Gupta Ji, did yeoman’s work to lay the strong foundation of Popular Traders after the sudden and tragic demise of the founder. In view of their immense contribution, we vow to follow the path shown by them sincerely and with total dedication on our part.

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ABOUT US

Foreword

Sh. Mohan Lal Gupta, in the year 1942, single-handedly founded “The Scientific Engineering Works” at Lahore. Slowly and steadily, it created its niche in the world of scientific instruments manufacturing and trading. Today it is known as POPULAR TRADERS, quite famous for its efficiency, precision and excellence.

For more than 80 years, we have been working hard to keep the people’s faith and trust in us intact. Our commitment, knowledge, experience, sincerity and reputation are being rewarded in the shape of a very warm response from our esteemed customers like you.

We basically deal in Scientific & Laboratory Research Apparatus made of high-quality raw material, ranging from Brass (Extruded), Stainless Steel (304 grade), Aluminium, Mild Steel, Acrylic, Rubber, Wood, Silica & Quartz Glass.

We are pleased to present our current Price List w.e.f. November 2026, with a wide range of Rotary Vacuum Evaporators, Vacuum Pumps, Electrophoresis Apparatus, Chromatography Apparatus, Oil & Petroleum, Pharmaceutical and Biotechnology products, used in research laboratories throughout India. We always try our level best to meet our esteemed customers’ expectations.

1942	80+	ISO	Pan-India
Year founded	Years of experience	9001:2015 certified	Customer base

CERTIFICATIONS & REGISTRATIONS

ISO 9001:2015	CE Marked	Patented	MSME Registered	GeM Listed	ZED Silver
Certified quality	Products certified	Rotary Evaporator	UDYAM-HR-01-0004468	Govt. e-Marketplace	MSME ZED Certified

PRECISION • QUALITY • TRUST

Manufacturing scientific & laboratory instruments since 1942

Trusted by universities, research institutes and industry across India



Our manufacturing facility, Saha

GET IN TOUCH

Ordering Details

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www.popularTradersindia.com

BANK DETAILS

A/C HOLDER'S NAME	BANK NAME
POPULAR TRADERS	HDFC BANK
A/C NUMBER	**BRANCH & IFSC CODE**
50200090995119	Ambala Cantt, HDFC0000131

CONTENTS

Products grouped by category | page numbers on the right

01 CHROMATOGRAPHY & UV EQUIPMENT 1

PT-11 THIN LAYER CHROMATOGRAPHY A... 2
PT-26 T.L.C. DESICCATOR CABINET, MAST... 2
PT-32 UV INSPECTION CABINET 4
PT-42 ULTRA VIOLET TORCH 4
PT-43 ULTRA VIOLET PROTECTIVE GOGGL... 4

02 ELECTROPHORESIS 5

PT-50 SUBMARINE GEL ELECTROPHORES... 6
PT-52 POWER SUPPLY 6
PT-55 BAR GEL POLYACRYLAMIDE 6
PT-57 VERTICAL SLAB GEL MECHANISM S... 8
PT-58 VERTICAL SLAB GEL ELECTROPHO... 8
PT-60 PAPER STRIP ELECTROPHORESIS A... 8
PT-62 STABILIZED D.C. POWER SUPPLY 9
PT-63 IMMUNO ELECTROPHORESIS APPA... 9
PT-64 ULTRA VIOLET TRANSILLUMINATO... 10
PT-64-A GEL ROCKER 10
PT-64-B DRY BATH 10

03 ROTARY EVAPORATORS, CHILLERS & VACUUM PUMPS 11

PT-65 ROTARY EVAPORATOR QUICKVAP 12
PT-68 ROTARY EVAPORATOR RAPIDVAP 14
PT-70 ROTARY EVAPORATOR RAPIDVAP 16
PT-75 SPARE PARTS FOR ROTARY EVAP... 18
PT-80 RECIRCULATING CHILLER 20
PT-89 DIAPHRAGM TYPE VACUUM PUMP 22

04 DISTILLATION & WATER STILLS 23

PT-300 WATER STILL (AUTOMATIC) 24
PT-305 WATER STILL TABLE MODEL 24
PT-315 DISTILLATION ASSEMBLY VERTIC... 24
PT-316 QUARTZ DISTILLATION APPARAT... 26
PT-317 QUARTZ DOUBLE DISTILLATION... 26
PT-318 WATER STILL, HORIZONTAL (MET... 28
PT-319 WATER STILL, HORIZONTAL (SILI... 28
PT-319A OPTIONAL ACCESSORIES FOR H... 28

05 HEATING EQUIPMENT, BATHS, OVENS & FURNACES 29

PT-101 HEATING MANTLES 30
PT-102 SPARE HEATING MANTLE WITH... 30
PT-320 HOT PLATE ROUND 32
PT-330 HOT PLATE RECTANGULAR 32
PT-250 WATER BATH 33
PT-250 WATER BATH (75MM HOLES) 34
PT-252 SEROLOGICAL WATER BATH 34
PT-255 WATER BATH SINGLE WALL 35
PT-257 WATER BATH (For Dye Pots) 35
PT-266 CYLINDRICAL OIL BATH 35
PT-267 CYLINDRICAL WATER BATH 35
PT-280 HIGH PRECISION WATER BATH 36
PT-295 ULTRA SONIC BATH (SONICATOR) 36
PT-350 MUFFLE FURNACE 38
PT-352 MUFFLE FURNACE GROOVED TY... 40
PT-400 HOT AIR OVEN 41

PT-415 VACUUM OVEN 44

06 INCUBATORS & ENVIRONMENTAL CHAMBERS 45

PT-360 HUMIDITY CHAMBER 46
PT-410 BACTERIOLOGICAL INCUBATOR 48
PT-417 BOD INCUBATOR 49
PT-420 BOD INCUBATOR WITH ORBITAL S... 52
PT-422 INCUBATOR SHAKER 52

07 EXTRACTION, DIGESTION & REACTORS 53

PT-90 PHOTO CHEMICAL REACTOR 54
PT-96 PHOTO CHEMICAL REACTOR ASS... 54
PT-105 SOXHLET EXTRACTION UNIT 56
PT-106 SPARE GLASS PART 56
PT-109 CRUDE FIBRE ESTIMATION APPAR... 58
PT-110 TEFLON ASSEMBLY 58
PT-113 IMMERSION HEATER 58
PT-145 CATALYTIC HYDROGENATION 60
PT-435 KJELDAHL DIGESTION UNIT 61
PT-436 GLASS PARTS KJELDAHL FLASK 62
PT-437 KJELDAHL DRY BLOCK DIGESTION 62
PT-440 KJELDAHL DISTILLATION UNIT 63
PT-445 KJELDAHL DIGESTION & DISTILLA... 64
PT-448 COD DIGESTION APPARATUS 64

08 STIRRERS, SHAKERS & GRINDERS 65

PT-158 VORTEX SHAKER 66
PT-160 ROTARY SHAKERS ORBITAL SHAK... 66
PT-169 FLASK SHAKER WRIST ACTION TY... 66
PT-173 WILLY GRINDER OR LAB WILLY MI... 67
PT-185 MAGNETIC STIRRER WITH HOT PL... 68
PT-193 LABORATORY STIRRER 69
PT-194 TISSUE HOMOGENISERS (LOW S... 70
PT-200 TEFLON PESTLE TISSUE HOMOG... 70
PT-205 TEFLON MAGNETIC ROTORS 70
PT-210 PULVERIZER 71
PT-211 JAW CRUSHER 71
PT-215 STUFFING BOX GLAND 72
PT-220 TEFLON (P.T.F.E.) BLADE STIRRERS 72

09 SIEVES & CENTRIFUGES 73

PT-585 SIEVE SHAKER (GYRATORY TYPE) 73
PT-586 TEST SIEVES 73
PT-587 LID AND PAN SET 74
PT-595 COARSE SIEVES 74
PT-660 CENTRIFUGE MACHINE 76
PT-680 CENTRIFUGE TUBE 76

10 ANALYTICAL & MEASURING INSTRUMENTS 77

PT-122 MELTING POINT APPARATUS 77
PT-125 PRECISION DIGITAL MELTING PO... 77
PT-130 ANAEROBIC CULTURE JAR B.T.L... 78
PT-132 CULTURE JAR ANAEROBIC (POL... 78
PT-800 pH METER 80
PT-825 DIGITAL TDS/CONDUCTIVITY ME... 80
PT-830 DIGITAL TURBIDITY METER 82
PT-835 DIGITAL D.O METER 82
PT-859 DIGITAL COLONY COUNTER 83
PT-860 PETRI PLATTER 83
PT-1520 CLINICAL MICROSCOPE 84
PT-1550 PATHOLOGICAL/ MEDICAL MICR... 84

PT-1580 BINOCULAR RESEARCH MICROSC... 84
PT-4115 DIGITAL TOP PAN BALANCE 86
PT-4120 INFRARED MOISTURE BALANCE 86
PT-1800 ROTARY MICROTOME 87
PT-1810 SENIOR ROTARY MICROTOME 87
PT-4122 WEIGHT BOXES 88
PT-4125 ANALYTICAL WEIGHT BOX 88
PT-4130 ANALYTICAL WEIGHT BOX 89
PT-4140 PHYSICAL WEIGHT BOX 89
PT-4150 ANALYTICAL FRACTIONAL WEIGH... 89
PT-9020 MOISTURE METER 90
PT-9030 DIGITAL MOISTURE METER 90
PT-9050 DIGITAL MOISTURE METER FOR W... 91
PT-9060 MOISTURE METER FOR SOIL DIGIT... 91

11 MILK TESTING EQUIPMENT 92

PT-463 ABBE REFRACTOMETER 92
PT-464 BUTYRO REFRACTOMETER 93
PT-465 HAND REFRACTOMETER 93
PT-470 STUDENT POLARIMETER 94
PT-480 RESEARCH POLARIMETER 94
PT-490 RESEARCH POLARIMETER (400 M... 94
PT-500 POLARIMETER TUBES 95
PT-550 CARBON AND SULPHUR APPARAT... 95
PT-1105 LABORATORY EQUIPMENT 96

12 PHARMACEUTICAL TESTING EQUIPMENT 97

PT-1150 TABLET HARDNESS TESTER 97
PT-1155 DISINTEGRATION APPARATUS 98
PT-1167 BULK DENSITY APPARATUS 99
PT-1170 DIGITAL DISSOLUTION TEST AP... 100
PT-1175 TABLET FRIABILITY TEST APPAR... 101
PT-1180 COLLAPSIBLE TUBE FILLING MA... 101
PT-1185 TUBE CRIMPING AND SEALING... 102
PT-1190 AMPULE WASHING DEVICE 102
PT-1196 AMPULE FILLING AND SEALING... 102
PT-1197 BOTTLE WASHING MACHINE 102
PT-1200 SINTERED GLASS CRUCIBLES 103
PT-1205 ASEPTIC CABINET 103
PT-1225 CLARITY TEST EQUIPMENT FOR... 103
PT-1227 CAPSULE FILLINGS & SEALING M... 103
PT-1230 LEAK TEST APPARATUS 104
PT-1235 SUPPOSITORY MOULDS 104
PT-1275 ANTIBIOTIC ZONE READER 106
PT-1280 FLOCCULATOR ALUM JAR TEST... 106

13 STERILIZATION & CLEAN AIR 107

PT-455 PORTABLE AUTOCLAVE 108
PT-457 AUTOCLAVE, WING NUT LOCKIN... 108
PT-457A AUTOCLAVE, DIGITAL (WING NU... 108
PT-458 AUTOCLAVE, RADIAL LOCKING 110
PT-458A AUTOCLAVE, DIGITAL (RADIAL L... 110
PT-459 OPTIONAL ACCESSORIES FOR A... 110
PT-6700 LAMINAR AIR FLOW (HORIZONT... 111
PT-6710 LAMINAR AIR FLOW (VERTICAL) 112
PT-6800 BIOSAFE CABINET 114
PT-6800 A BIOSAFE CABINET (A-2) 114
PT-6900 FUME HOOD 115

CONTENTS BY CATEGORY

14 THERMOMETERS & GLASSWARE 116

PT-7000 CHEMICAL THERMOMETERS ME... 116
PT-7010 PRECISION THERMOMETERS MER... 116
PT-7020 THERMOMETER WITH CONE ENC... 116
PT-7030 LONG IMMERSION THERMOMETE... 117
PT-7040 STRAIGHT INDUSTRIAL THERMOM... 117
PT-7050 OVEN/INCUBATOR THERMOMETE... 117
PT-7060 MAXIMUM AND MINIMUM THERM... 118
PT-7070 WET AND DRY THERMOMETER 118
PT-7080 WALL THERMOMETER (ON WOO... 118
PT-7090 WALL THERMOMETER (HALF MET... 118
PT-7110 SOIL THERMOMETER 118
PT-7300 SILICA CRUCIBLE (WITHOUT LID) 119
PT-7400 SILICA CRUCIBLE (WITH LID) 119
PT-7500 SILICA BASIN (DISH) 119
PT-8000 DESICCATOR 120
PT-8010 DESICCATOR VACUUM 120
PT-8200 RECTANGULAR MUSEUM JAR 120
PT-8300 BEAKERS (LOW FORM, GRADUAT... 121
PT-8400 FLASK ERLENMEYER (CONICAL) 121
PT-8500 PETRI DISHES (BOROSILICATE) 121
PT-8520 TEST TUBES 122
PT-8530 TEST TUBES (NEUTRAL HARD GLA... 122

15 GENERAL LABORATORY ACCESSORIES 123

PT-134 VACUUM FILTER HOLDER 124
PT-135 SODIUM WIRE PRESS 125
PT-138 FLOW CUP VISCOMETERS 125
PT-140 LABORATORY JACKS 126
PT-3300 CLAMPS AND BOSS HEADS 127
PT-3450 RETORT STAND 128
PT-3500 TRIPOD STANDS 128
PT-3525 RETORT RINGS 128
PT-3650 CRUCIBLE TONGS 129
PT-3670 TONGS FOR HOLDING FLASK 129
PT-3675 TONGS FOR HOLDING BEAKER 129
PT-3680 TEST TUBE HOLDERS 129
PT-3685 FORCEPS 129
PT-3690 SPATULAS 130
PT-3785 CONE AND SOCKET CLIP 130
PT-3800 BALL JOINT CLIPS 131
PT-3850 CORK BORERS 131
PT-3880 TEST TUBE STAND 131
PT-3950 LABORATORY BURNERS 132
PT-4050 WATER TAP SWAN NECK 132
PT-5500 DIGITAL VARIABLE VOLUME MIC... 133
PT-5510 DIGITAL FIXED VOLUME MICRO... 134
PT-5525 DIGITAL MULTI CHANNEL (EIGH... 134
PT-5530 TIPS FOR MICRO PIPETTES 134
PT-6500 LABORATORY RUBBER TUBING 136
PT-6510 PRESSURE RUBBER TUBING 136
PT-6520 SILICONE TUBING 137
PT-6530 RUBBER CORKS 138
PT-6540 SILICONE RUBBER CORKS (TRA... 139
PT-6550 RUBBER CONES FOR BUCHNER... 139
PT-6560 SUB SEAL STOPPERS 140
PT-6570 PIPETTE BULB (BEST QUALITY R... 140
PT-6580 CHLOROFORM BELLOW WITH C... 140
PT-6590 ATOMIZER BULB (WITH LONG T... 140

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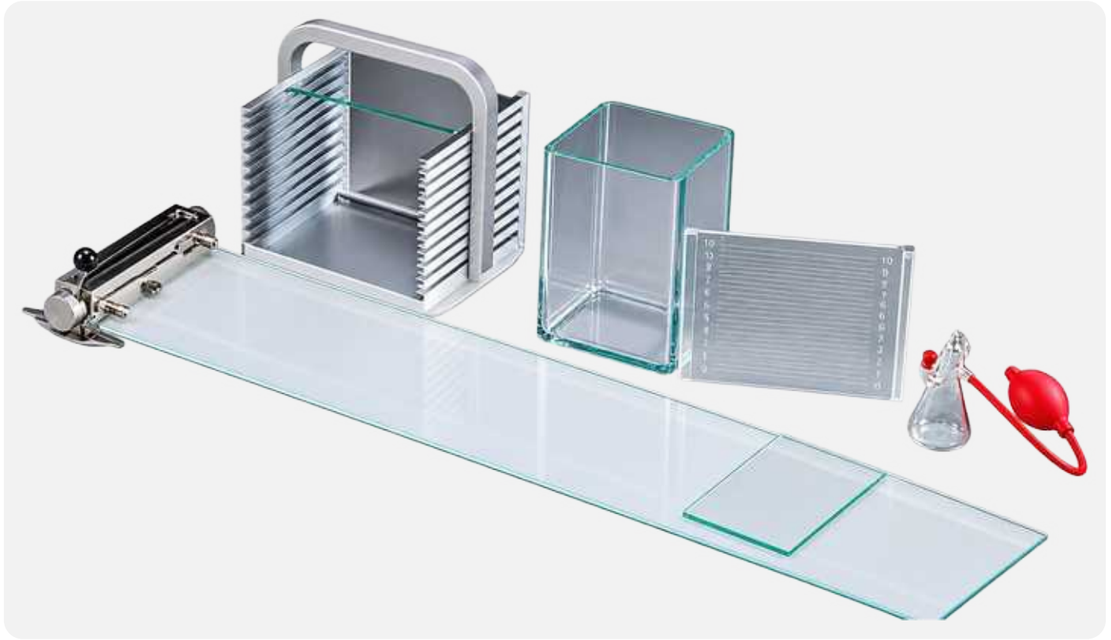


PT-11
THIN LAYER CHROMATOGRAPHY APPARATUS

PT-11

Applications of Thin Layer Chromatography (TLC):

- **Drug analysis**
  Identifying drug purity and active ingredients.
- **Forensic analysis**
  Analyzing substances in crime investigations.
- **Food and beverage analysis**
  Checking for additives and contaminants.
- **Pesticide residue detection**
  Monitoring residues on crops and in soil.
- **Environmental monitoring**
  Detecting pollutants in air, water, and soil.
- **Natural product analysis**
  Isolating and identifying compounds from natural sources.

CHROMATOGRAPHY & UV EQUIPMENT

01

PT-11
THIN LAYER CHROMATOGRAPHY APP.

CATALOGUE NO.	ITEM DESCRIPTION	RATE
PT-11	Thin Layer Chromatography Apparatus Brass Applicator for 0-2mm thickness, Perspex base, Plate rack aluminium, developing tank, Spotting template, T.L.C Plates set, Glass sprayer set, Micro-Pipette (HSN 90272000)	₹ 15,750
PT-12	Thin Layer Chromatography App. aluminum applicator. Accessories for T.L.C. Apparatus (HSN 90272000)	₹ 13,750
	ACCESSORIES FOR PT-11	
PT-11/01	Brass applicator Spare	₹ 7,250
PT-11/02	Aluminum applicator Spare	₹ 4,950
PT-11/03	Spotting template made of perspex.	₹ 750
PT-11/04	Plate rack made of anodised aluminium to take ten plates.	₹ 1,495
PT-11/05	Glass plates All sides ground, for T.L.C 20 x 20cm (HSN 70179090)	₹ 120
PT-11/06	Glass plates All sides ground, for T.L.C 20 x 10 cm (HSN 70179090)	₹ 75
PT-11/07	Glass plates All sides ground, for T.L.C 20 x 5 cm (HSN 70179090)	₹ 55
PT-11/08	Chromatography tank With cover for plates of different sizes. 20 x 10 cm	₹ 3,950
PT-11/09	Chromatography tank With cover for plates of different sizes. 20 x 20 cm	₹ 4,950
PT-11/10	Glass sprayer 100 ml with rubber bellow	₹ 850

PT-26, PT-27 & PT-30

CATALOGUE NO.	ITEM DESCRIPTION	RATE
PT-26	**DESICCATOR CABINET** This is used for storing plates of T.L.C with glass window size 30 cm x 50 cm x 35 cm (HSN 90279010)	₹ 14,950
PT-27	**T.L.C. MASTER SHEET** For direct reading of RF values.	₹ 425
PT-30	**T.L.C. PAPER CHROMATOGRAPHY CABINET -** To introduce the theory and principles of ascending; descending and reverse phase paper chromatography. This is made of wood with glass on all four sides and on top internal surface is wax coated for solvent resistance. Hinged top provided with rubber gasket for air tight closing and window with air provided for easy movement. Finished in natural colour nitrocellulose lacquer. Supplied as standard equipment are two stainless steel troughs and six glass rod., For accommodating 4 filter papers of 45 x 57 cm. HSN 90279010	₹ 22,500



PT-32 TO 35
UV INSPECTION CABINET



PT-42
ULTRA VIOLET TORCH

PT-32 TO 35

UV inspection cabinets have several applications, including:

- **Quality Control in Manufacturing**
  Detecting surface defects, contamination, or foreign particles on products.
- **Geology and Mineralogy**
  Examining rocks and minerals for fluorescent properties.
- **Sanitation Verification**
  Ensuring cleanliness in hygiene-sensitive environments, such as hospitals and laboratories.
- **Medical Diagnostics**
  Analyzing samples such as urine or blood for fluorescence under UV light.
- **Document Verification**
  Checking the authenticity of currency, passports, and other important documents.

PT-32 TO 35
UV INSPECTION CABINET

HSN 90275090

CATALOGUE NO.	VISIBLE LIGHT	365 nm	312 nm	SHORT UV	254 nm (with filter)	RATE (₹)
PT-32	✓	✓				₹ 9,950
PT-33	✓	✓		✓		₹ 11,500
PT-34	✓	✓			✓	₹ 18,500
PT-35	✓	✓	✓		✓	₹ 26,950
SPARE UV TUBES						
PT-36/05		UV TUBE 365 nm				₹ 1,450
PT-36/10		UV TUBE 254 nm				₹ 1,450
PT-36/15		UV TUBE 312 nm				₹ 5,950

PT-42
ULTRA VIOLET TORCH

It is a portable device for emitting U.V. light provided with two long waves U.V. source for examining fluorescent stains or spots in gels or on T.L.C. plates. U.V. source are protected under U.V. transparent window.

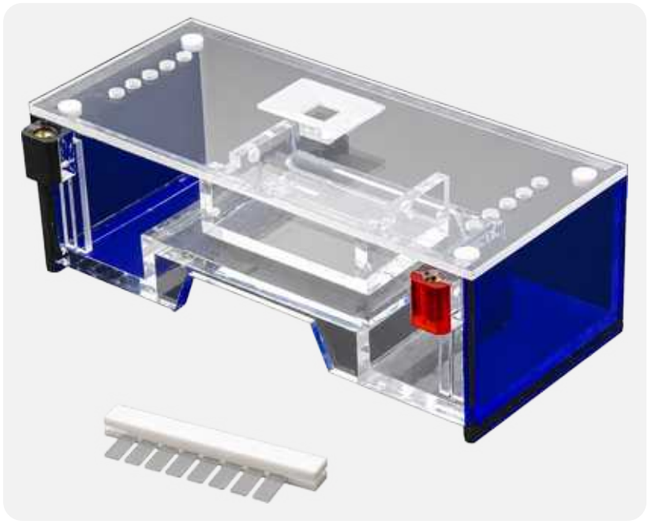
HSN 85394900 ₹ 4,450

PT-43
ULTRA VIOLET PROTECTIVE GOGGLES

UV protective safety goggles for use with UV lamps, cabinets and transilluminators.

HSN 90049090

₹ 1,750



PT-50
SUBMARINE GEL ELECTROPHORESIS APP.



PT-55
BAR GEL POLYACRYLAMIDE
ELECTROPHORESIS APPARATUS CIRCULAR

PT-50, PT-51, PT-52 & PT-55

Submarine gel electrophoresis apparatus is used for:

- **DNA and RNA Analysis**
  Separating nucleic acids based on size for genetic research, diagnostics, and forensic studies.
- **Genotyping**
  Identifying genetic variations and mutations for medical research and personalized medicine.
- **Quality Control in Biotechnology**
  Ensuring the integrity and purity of nucleic acid and protein samples in research and production.
- **Protein Separation**
  Analyzing protein mixtures by size or charge for biochemical research and clinical diagnostics.
- **Molecular Cloning**
  Verifying the presence and size of DNA fragments after restriction enzyme digestion or PCR.

PT-50,51
SUBMARINE GEL ELECTROPHORESIS APP.

CATALOGUE NO.	GEL TRAY	COMB	RATE (₹)
PT-50	5 X 7 CM (2 Nos) 10 X 7 CM (1 Nos)	8 WELL, 1.5 MM (2 Nos) 3 WELL, 3 MM (1 Nos)	**₹ 11,500**
	This economy model minimized the cost of buffer and it is provided with fixed platinum electrode.		
PT-51	6 X 6.5 CM (4 Nos) 13 X 6 CM (2 Nos) 13 X 13 CM (1 Nos)	15 WELL, 1.5 MM (1 Nos) 8 WELL, 1.5 MM (2 Nos) 2 WELL, 3 MM (1 Nos)	**₹ 17,950**
	This is a laboratory scale model with detachable platinum electrode.		

PT-52
POWER SUPPLY

VARI PACK is very simple to operate. It is very ideal for student practical classes & routine clinical work. It is designed to give 50,100,200 or 250 volts constantly indicated by LED on each point. Its maximum current is up to 100 mA.

HSN 85044090 **₹ 4,950**

PT-55
BAR GEL POLYACRYLAMIDE ELECTROPHORESIS APPARATUS CIRCULAR

It is a traditional mechanism meant for running 8 gel tubes of 10cm long. Acrylic pipes are used to make its circular shape cathode & anode electrode assembly is centrally mounted in circular shape, which provides uniform electrical flow. Three ventilators are provided in the lower buffer reservoir for cool air circulation.

The elementary unit consists of anode reservoir (1no.) Cathode reservoir (1No.) Platinum Electrode assembly (Anode & Cathode) (2 Nos.) Glass Tubes 10 cm. (24 Nos.) Silicone Rubber Grommets Fixed & Spare (8+8 Nos.) Rubber Bungs (12 Nos.) Polythene Closers (24 Nos.), gel Casting stand (1 No.), Syringe with Needle (1 No.), Power Cord (1No.)

HSN 90272000 **₹ 11,950**



PT-57
VERTICAL SLAB GEL MECHANISM STUDENT



PT-58
VERTICAL SLAB
GEL ELECTROPHORESIS
MECHANISM - UNIVERSAL



PT-61
PAPER STRIP ELECTROPHORESIS
APPARATUS - VERTICAL



PT-60
PAPER STRIP ELECTROPHORESIS
APPARATUS - HORIZONTAL

PT-57, PT-58, PT-60 & PT-61

Vertical slab gel and paper electrophoresis apparatus is used for:

- **DNA and RNA Analysis**
  Separating nucleic acids based on size for genetic research, diagnostics, and forensic studies.
- **Genotyping**
  Identifying genetic variations and mutations for medical research and personalized medicine.
- **Quality Control in Biotechnology**
  Ensuring the integrity and purity of nucleic acid and protein samples in research and production.
- **Protein Separation**
  Analyzing protein mixtures by size or charge for biochemical research and clinical diagnostics.
- **Molecular Cloning**
  Verifying the presence and size of DNA fragments after restriction enzyme digestion or PCR.

PT-57
VERTICAL SLAB GEL MECHANISM STUDENT

This electrophoresis mechanism is 8x7 cm. Gel can be cast of 0.5, 1.0 or 1.5mm thickness in this mechanism. Student Model minimizes the cost of buffer.

The elementary unit consists of detachable platinum electrode assembly (2 nos.), Glass Plates Notched & Rectangular 1 set, Teflon Comb 7 wells 1 mm (1no.), Spacers 1 mm (3 nos.) clamp with screw (1 st), gasket fixed, leveling screws & connecting cord.

HSN 90272000 **₹ 13,500**

PT-57/05-SPARE PART

Glass plates set 8 x 7 cm Gel **₹ 1,450**

PT-58
VERTICAL SLAB GEL ELECTROPHORESIS MECHANISM - UNIVERSAL

This is a laboratory scale mechanism. This electrophoresis 16x20 cm. & can accommodate 13 samples simultaneously. The unit consists of fixed platinum electrode assembly (2 nos), glass plates notched & rectangular 1 set, teflon comb 13 wells 1 mm, spacers 1 mm (3 nos), clamp with screws (1 set), Fixed Gasket, leveling screws and connecting cord.

HSN 90272000 **₹ 16,750**

PT-58/05-SPARE PART

Glass plates set 16 x 20 cm Gel **₹ 2,150**

PT-60,61
PAPER STRIP ELECTROPHORESIS APPARATUS WITH ANODE AND CATHODE RESERVOIR

HSN 90272000

MODEL NO.	TYPE	BUFFER CHAMBER	PAPER STRIPS	SAFETY SWITCH FOR CUTOFF	PLATINUM ELECTRODES	LID MATERIAL	RATE (₹)
PT-60	HORIZONTAL	2 X 550 ML	6	YES	TWO	GLASS	₹ 18,500
PT-61	VERTICAL	2 X 200 ML	3	NO	TWO	ACRYLIC	₹ 13,500
PT-61 A	VERTICAL	2 X 200 ML	6	NO	TWO	ACRYLIC	₹ 18,950

PT-62
STABILIZED D.C. POWER SUPPLY

This is very ideal to accomplish for routine works course & fine control knobs are provided to set at any voltage from 0 to 300 & constant current up to 100 mA.
Provided with digital control & display. This is provided with short circuit & overload protection with polarity reverse switch.

HSN 85362090

₹ 14,950

PT-63
IMMUNO ELECTROPHORESIS APPARATUS

Comprising of walled migration cell made of white perspex, outer chamber is provided with inlets and outlets for circulation of cold water, inner chamber is the buffer chamber fitted with electrodes with a clear transparent top lid fitted with a handle, a special perspex carrier is supplied as micro immunological accessory, which permits simultaneously study of up to eight 3"x1" standard agar coated micro slides. Complete with plug, terminals and cables without power pack. Size 30x30x8cm.

HSN 90272000

₹ 18,950



PT-63
IMMUNO ELECTROPHORESIS APPARATUS



PT-62
STABILIZED D.C. POWER SUPPLY

PT-64
ULTRA VIOLET TRANSILLUMINATORS

This mechanism is used for slab gel electrophoresis, Thin layer Chromatography,Forensic examination & D.N.A. Analysis/Experimentation. Transilluminators provide ultraviolet illumination from beneath the sample.
This mechanism has a window covered with fixed U.V. transparent sheet, six 360nm. U.V. sources are fixed beneath the window. An exhaust fan is fixed for cooling. The hinged eye protective U.V. obstruction cover provided with the mechanism is meant for covering the entire window. (Window size 25 x 13 cm)

HSN 90182000

₹ 27,950

PT-64-A
GEL ROCKER

Gel rocker can be used for many applications like gel staining, culture aeration, blotting membrane etc. A rubber mat is provided for no slipping surface for the platform. The movement is controlled very precisely with the D.C. motor, with 0-60 minute timer for auto off within a time limit required. Gel rocker is provided with 30 x 30 cm Platform size and having see saw type shaking system.

HSN 90279090

₹ 24,950

PT-64-B
DRY BATH

The dry bath is designed to uniformly heat the contents of 24 tubes from Ambient to 110°C. The temperature is controlled by an imported energy regulator. It ensures the accurate temperature control & avoids contamination of samples, unlike in a water bath. Dry bath is provided with solid aluminum block to accommodate 24 micro tubes of 2 different size.
Provided with electronic digital temperature controller cum indicator instead of energy regulator.

HSN 90278090

₹ 17,950



PT-64-A
GEL ROCKER



PT-64
ULTRA VIOLET TRANSILLUMINATORS



PT-65
ROTARY EVAPORATOR QUICKVAP



PT-66
ROTARY EVAPORATOR QUICKVAP

PT-65 & PT-66

Rotary evaporators are used for:

- **Solvent Removal**
  Efficiently evaporating and recovering solvents from samples in chemical and pharmaceutical industries.
- **Purification and Concentration**
  Concentrating solutions and purifying compounds by removing excess solvents.
- **Sample Preparation**
  Preparing samples for further analysis by removing solvents under reduced pressure.
- **Recrystallization**
  Purifying solid compounds by dissolving them in a solvent and then evaporating the solvent to form crystals.
- **Extraction of Natural Products**
  Isolating bioactive compounds from plant materials and other natural sources.
- **Food and Beverage Industry**
  Concentrating flavors, fragrances, and other ingredients for product development.

PT-65 & PT-66

ROTARY EVAPORATOR QUICKVAP

HSN 84198990

MODEL NUMBER	PT-65	PT-66
RATES	₹ 1,34,500	₹ 1,39,500
GLASSWARE		
Condenser Type	Diagonal	Vertical
Cooling Surface	1500 cm²	1500 cm²
Evaporating Flask*	100 mL to 2000 mL	100 mL to 2000 mL
Receiving Flask	Max 1000 mL	Max 1000 mL
GENERAL		
Motor Principle	DC	DC
Speed Range	20-200 rpm	20-200 rpm
RPM Display	LED	LED
Lift	Motor	Motor
Stroke	150 mm	150 mm
Lift Speed	6 mm/sec	6 mm/sec
Voltage	220-240 V	220-240 V
Frequency	50 Hz	50 Hz
WATER BATH		
Temperature Controller	Digital (PID)	Digital (PID)
Heating Temperature Range	Ambient + 5°C - 180 °C	Ambient + 5°C - 180 °C
Heat Output	1250 W	1250 W
Temperature Uniformity	±1 °C	±1 °C
Filling Volume Max.	3.5 L	3.5 L
Inner Body	Stainless Steel 304 Grade	Stainless Steel 304 Grade
Outer Body	Aluminium Powder Coated	Aluminium Powder Coated
SIZE & WEIGHT		
Dimensions (L x W x H)	940 x 510 x 560 mm	710 x 510 x 860 mm
Weight	31 kg	32 kg
OPERATING CONDITIONS		
Permissible ambient temperature	5 - 40 °C	5 - 40 °C
Permissible relative humidity	80 %	80 %
IP Rating	IP 20	IP 20

* Evaporating flask supplied with unit is 1000 mL, rest are optional.



PT-68
ROTARY EVAPORATOR RAPIDVAP



PT-69
ROTARY EVAPORATOR RAPIDVAP

PT-68 & PT-69

Rotary evaporators are used for:

- **Solvent Removal**
  Efficiently evaporating and recovering solvents from samples in chemical and pharmaceutical industries.
- **Purification and Concentration**
  Concentrating solutions and purifying compounds by removing excess solvents.
- **Sample Preparation**
  Preparing samples for further analysis by removing solvents under reduced pressure.
- **Recrystallization**
  Purifying solid compounds by dissolving them in a solvent and then evaporating the solvent to form crystals.
- **Extraction of Natural Products**
  Isolating bioactive compounds from plant materials and other natural sources.
- **Food and Beverage Industry**
  Concentrating flavors, fragrances, and other ingredients for product development.

PT-68 & PT-69

ROTARY EVAPORATOR RAPIDVAP

HSN 84198990

MODEL NUMBER	PT-68	PT-69
RATES	**₹ 73,950**	**₹ 81,950**
GLASSWARE		
Condenser Type	Diagonal	Diagonal
Cooling Surface	1500 cm^2	1500 cm^2
Evaporating Flask*	100 ml to 2000 ml	100 ml to 2000 ml
Receiving Flask	Max 1000 ml	Max 1000 ml
GENERAL		
Motor Principle	DC	DC
Speed Range	20-200 rpm	20-200 rpm
Lift	Manual	Manual
Stroke	100 mm	100 mm
Lift Speed	-	-
Voltage	220-240 V	220-240 V
Frequency	50 Hz	50 Hz
WATER BATH		
Temperature Controller	Thermostat	Digital (PID)
Heating Temperature Range	Ambient + 5°C - 95 °C	Ambient + 5°C - 180 °C
Heat Output	1250 W	1250 W
Temperature Uniformity	±1 °C	±1 °C
Filling Volume Max.	3.5 L	3.5 L
Inner Body	Stainless Steel 304 Grade	Stainless Steel 304 Grade
Outer Body	Aluminium Powder Coated	Aluminium Powder Coated
SIZE & WEIGHT		
Dimensions (L x W x H)	840 x 530 x 560 mm	910 x 530 x 560 mm
Weight	23 kg	24 kg
OPERATING CONDITIONS		
Permissible ambient temperature	5 - 40 °C	5 - 40 °C
Permissible relative humidity	80 %	80 %
IP Rating	IP 20	IP 20

* Evaporating flask supplied with unit is 1000 mL, rest are optional.



PT-70
ROTARY EVAPORATOR RAPIDVAP

PT-71
ROTARY EVAPORATOR RAPIDVAP

PT-70 & PT-71

Rotary evaporators are used for:

- **Solvent Removal**
  Efficiently evaporating and recovering solvents from samples in chemical and pharmaceutical industries.
- **Purification and Concentration**
  Concentrating solutions and purifying compounds by removing excess solvents.
- **Sample Preparation**
  Preparing samples for further analysis by removing solvents under reduced pressure.
- **Recrystallization**
  Purifying solid compounds by dissolving them in a solvent and then evaporating the solvent to form crystals.
- **Extraction of Natural Products**
  Isolating bioactive compounds from plant materials and other natural sources.
- **Food and Beverage Industry**
  Concentrating flavors, fragrances, and other ingredients for product development.

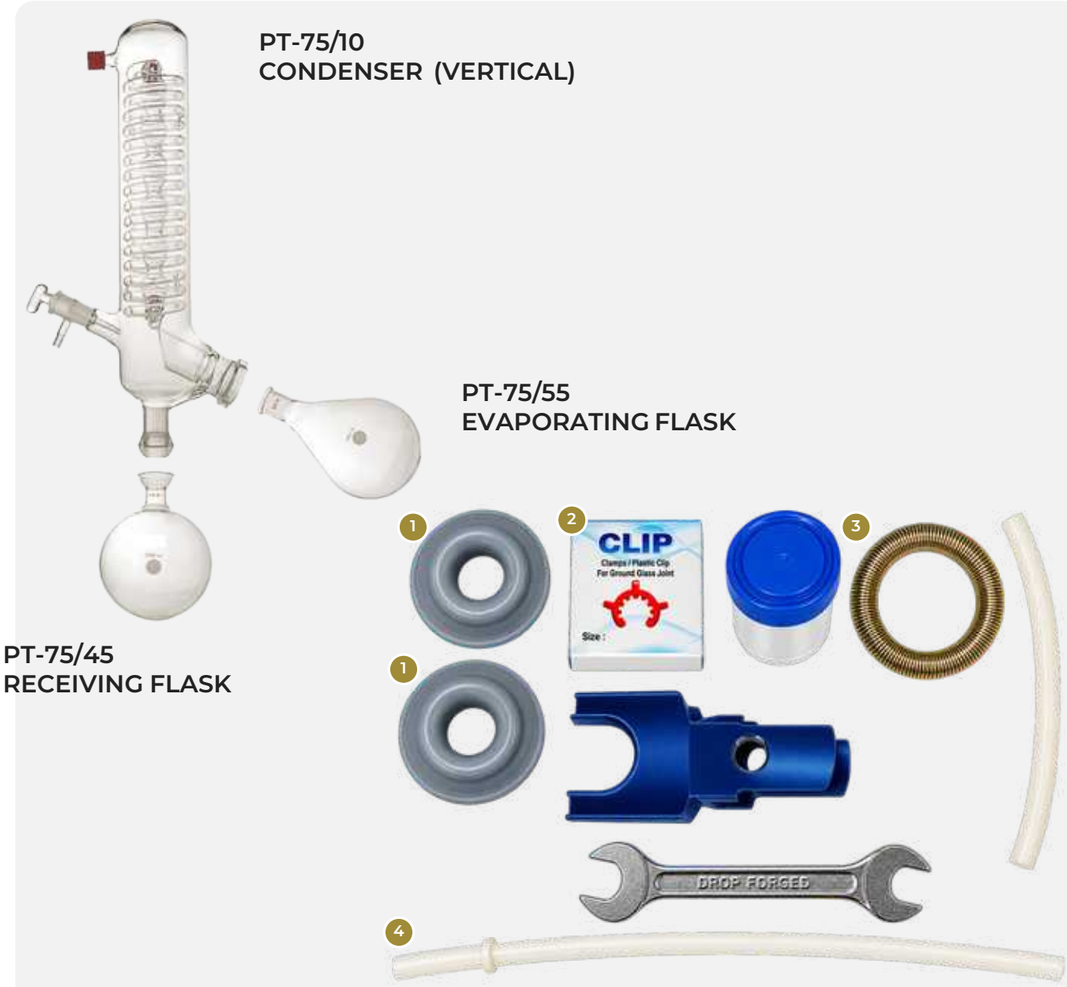
PT-70 & PT-71

ROTARY EVAPORATOR RAPIDVAP

HSN 84198990

MODEL NUMBER	PT-70	PT-71
RATES	**₹ 78,950**	**₹ 86,950**
	GLASSWARE	
Condenser Type	Vertical	Vertical
Cooling Surface	1500 cm^2	1500 cm^2
Evaporating Flask*	100 ml to 2000 ml	100 ml to 2000 ml
Receiving Flask	Max 1000 ml	Max 1000 ml
	GENERAL	
Motor Principle	DC	DC
Speed Range	20-200 rpm	20-200 rpm
RPM Display	-	-
Lift	Manual	Manual
Stroke	100 mm	100 mm
Lift Speed	-	-
Voltage	220-240 V	220-240 V
Frequency	50 Hz	50 Hz
	WATER BATH	
Temperature Controller	Thermostat	Digital (PID)
Heating Temperature Range	Ambient + 5°C - 95 °C	Ambient + 5°C - 180 °C
Heat Output	1250 W	1250 W
Temperature Uniformity	±1 °C	±1 °C
Filling Volume Max.	3.5 L	3.5 L
Inner Body	Stainless Steel 304 Grade	Stainless Steel 304 Grade
Outer Body	Aluminium Powder Coated	Aluminium Powder Coated
	SIZE & WEIGHT	
Dimensions (L x W x H)	660 x 530 x 860 mm	710 x 530 x 860 mm
Weight	24 kg	25 kg
	OPERATING CONDITIONS	
Permissible ambient temperature	5 - 40 °C	5 - 40 °C
Permissible relative humidity	80 %	80 %
IP Rating	IP 20	IP 20

* Evaporating flask supplied with unit is 1000 mL, rest are optional.



STANDARD ACCESSORIES PROVIDED WITH ALL ROTARY MODELS

1. PT-75/35, 40 Gasket Seals
2. PT-75/95, 100 Standard Joint Clips
3. PT-75/75 Tension Spring
4. PT-75/25 Teflon Tube

SPARE PARTS

SPARE PARTS FOR ROTARY EVAPORATOR

MODEL NUMBER	DETAIL (HSN CODES)	RATE (₹)
PT-75/05	Diagonal Condenser double coiled with S-35 cup with three opening for vacuum and cooling (70179090)	₹ 9,500
PT-75/10	Vertical Condenser double coiled (70179090)	₹ 14,950
PT-75/15	Cone adapter of condenser for vacuum (FOR VERTICAL) (70179090)	₹ 995
PT-75/20	Feed tube for condenser trap (70179090)	₹ 495
PT-75/25	Teflon tube (85051190)	₹ 595
PT-75/30	Vapour Path tube B-24, B-29 (70179090)	₹ 1,950
PT-75/35	Gasket Seal for vapour tube (VITON/TEFLON) (40169330)	₹ 1,250
PT-75/40	Gasket Seal for Special Chemicals (40169330)	₹ 650
PT-75/45	Receiving Flask with S-35 cup (socket) joint capacity 1000ml. (70179090)	₹ 1,350
PT-75/50	Evaporating flask Round Bottom Cap. 1000ml B-24 (70179090)	₹ 1,250
PT-75/55	Evaporating Flask Kjeldahl Cap. 800ml. B-24 (70179090)	₹ 1,350
PT-75/60	Evaporating Flask Kjeldahl Cap. 500ml. B-24 (70179090)	₹ 1,150
PT-75/65	Evaporating Flask Kjeldahl Cap. 300ml. B-24 (70179090)	₹ 950
PT-75/70	Evaporating Flask Kjeldahl Cap. 100ml. B-24 (70179090)	₹ 850
PT-75/75	Tension Spring to hold condenser (73209099)	₹ 125
PT-75/80	Water Bath Double walled inner S.S. with Thermostatic Controller (84198990)	₹ 9,950
PT-75/85	Water Bath Double walled inner S.S. with Digital Temperature Controller (84198990)	₹ 17,950
PT-75/90	Spare Heater for water bath (ISI Mark) (85161000)	₹ 1,350
PT-75/95	Standard Joint clip B-24 (73269099)	₹ 75
PT-75/100	Standard Joint clip B-29 (73269099)	₹ 95
PT-75/105	Ball joint Clip with screw lock (73269099)	₹ 650
PT-75/110	Glass Safety Trap (70179090)	₹ 1,595
PT-75/115	Vapour Path tube B-29, B-29 (70179090)	₹ 1,950
PT-75/120	Evaporating flask Round Bottom Cap. 1000ml B-29 (70179090)	₹ 1,350
PT-75/125	Evaporating Flask Kjeldahl Cap. 800ml. B-29 (70179090)	₹ 1,495
PT-75/130	Evaporating Flask Kjeldahl Cap. 500ml. B-29 (70179090)	₹ 1,295
PT-75/135	Evaporating Flask Kjeldahl Cap. 300ml. B-29 (70179090)	₹ 1,195
PT-75/140	Evaporating Flask Kjeldahl Cap. 100ml. B-29 (70179090)	₹ 995
PT-75/145	Evaporating Flask 2000 ml B-29	₹ 3,950



PT-80A
CHILLER GMP MODEL



CHILLER PT-80

PT-80

Chillers are used for:

- **Industrial Cooling**
  Maintaining optimal temperatures in manufacturing processes for plastics, metalworking, and chemical production.
- **Medical and Laboratory Equipment**
  Cooling MRI machines, lasers, and other sensitive equipment to ensure proper operation and accuracy.
- **Data Centers**
  Cooling servers and other IT infrastructure to prevent overheating and ensure reliable operation.
- **HVAC Systems**
  Providing air conditioning for commercial and residential buildings by cooling air and maintaining comfortable indoor climates.
- **Food and Beverage Processing**
  Keeping ingredients and products at safe temperatures during production, storage, and transport.
- **Aquariums and Aquaculture**
  Regulating water temperature to create suitable environments for aquatic life.

RECIRCULATING CHILLER

HSN 84198990

Technical Specifications

Inner Chamber Material	Stainless Steel
Outer body Material	M.S. Powder Coated/Stainless Steel 304
Type	Bench top
Refrigerant	R134a (CFC FREE)
Temperature Range	-10 °C to Ambient
Temperature Stability	± 1 °C
Temperature Control Mode	PID
Insulation Material	PUF
Pump Flow	30 LPM
Pump Power	55 W
Reservoir Volume	6.5 L / 12 L / 22 L
Inlet/Outlet	1/2-inch female NPT
Dimensions (L×W×H)	20 X 20 X 28 inch (6.5L) 22 X 22 X 31 inch (12L) 25 X 24 X 35 inch (22L)
Weight	44 Kg / 54 Kg / 60 Kg
Power Supply	230V, 50Hz
Noise Level Max	65 dB
Ambient to 0 °C (Time)	≤ 15 min

OPTIONAL ACCESSORIES

Castor Wheels with Brake	Y Nozzle for dual Inlet/Outlet
IQ/OQ/PQ Certificate	Extra insulated rubber tubes for longer distances
2000 W heater for heating up to 70 °C	

CHILLER (PT-80)

CATALOGUE NO.	TANK CAPACITY (L)	TEMPERATURE RANGE (°C)	FLOW RATE (LPM)	RATE (₹)
Mild steel powder coated outer body				
PT-80/05	6.5	-10	30	**₹ 89,950**
PT-80/10	12	-10	30	**₹ 1,04,950**
PT-80/15	22	-10	40	**₹ 1,39,950**
304 grade Stainless Steel outer body				
PT-80A/05	6.5	-10	30	**₹ 1,09,500**
PT-80A/10	12	-10	30	**₹ 1,29,500**
PT-80A/15	22	-10	40	**₹ 1,69,500**



PT-89/20
DIAPHRAGM TYPE VACUUM PUMP



PT-89/35
OIL FREE VACUUM PUMP

PT-89

Vacuum pumps are used for:

- **Scientific Research**
  Creating low-pressure environments for experiments in physics, chemistry, and material science.
- **Industrial Processes**
  Assisting in processes like vacuum packaging, degassing, and vacuum forming.
- **Aerospace Engineering**
  Simulating high-altitude conditions for testing and developing aircraft and spacecraft components.
- **Medical and Laboratory Applications**
  Supporting equipment like mass spectrometers, electron microscopes, and vacuum ovens.
- **HVAC Systems**
  Evacuating air and moisture from refrigeration and air conditioning systems before charging with refrigerant.
- **Pharmaceutical Manufacturing**
  Aiding in processes such as freeze-drying and solvent recovery.

ROTARY EVAPORATORS, CHILLERS & VACUUM PUMPS

03

PT-89
DIAPHRAGM TYPE VACUUM PUMP

HSN 84141000

A portable diaphragm type vacuum pump cum air compressor, oil free, lightweight.

CATALOGUE NO.	Max Flow Ltr./Min.	Max. Vacuum (in Hg.)	Max. Press (PSIG)	Motor H.P.	Rate
PT-89/05	15	22”	25	1/20	₹ **9,950**
PT-89/10	15	27”	35	1/16	₹ **14,950**
PT-89/15	45	22”	35	1/8	₹ **16,950**
PT-89/20	45	27”	55	1/4	₹ **21,950**
PT-89/25	Vacuum Gauge with Regulator for Above Pumps (HSN 84141000)				₹ **2,450**
PT-89/30	28	27”	-	1/4	₹ **29,950**
	CHEMICAL RESISTANT PUMP Diaphragms and valve made of Teflon (Vacuum Gauge & Regulator) HSN 84141000				
PT-89/35	PISTON TYPE WITH GEL FILLED GAUGE & AIR FILTER HSN 84141000				₹ **34,950**
	Free Air Displacement (Ltr./Min.)	Max. Vacuum (in Hg.)	Motor H.P.	App Weight kg.	Dimension
	60	29.5”	0.75	9	300 x 130 x 180 mm





PT-305
WATER STILL TABLE MODEL

PT-315
DISTILLATION ASSEMBLY

PT-305 & 315

Water distillation apparatus is used for:

- **Purification**
  Producing high-purity water by separating it from contaminants and dissolved solids.
- **Medical and Pharmaceutical**
  Producing sterile water for medical procedures and pharmaceutical formulations.
- **Environmental Analysis**
  Preparing water samples for analysis of pollutants and contaminants.
- **Laboratory Use**
  Providing distilled water for experiments and analytical procedures where high water purity is required.
- **Quality Control**
  Ensuring water quality in industries such as food and beverage, where water purity is critical.
- **Educational Purposes**
  Demonstrating principles of distillation in educational settings.

PT-300
WATER STILL (AUTOMATIC)

Electrically operated, for pyrogen-free distilled water. The main body is made of stainless steel sheet. A triple vapour baffle of stainless steel is provided, the lid gets automatically sealed by water forming in a recess in the head of the lid and this minimises the loss of steam. The stated output of the stills is approximate as it is bound to vary according to the voltage of the mains. The still is provided with wall brackets.

HSN 84194090

CATALOGUE NO.	CAPACITY	RATING (kW)	TYPE	RATE (₹)
PT-300	4 Litre	3.0 kW	Wall Model	₹ **13,950**

PT-305
WATER STILL TABLE MODEL

Made of stainless steel insulated boiling chamber to prevent heat loss and a special borosilicate glass condenser (Cap. 4 Litre Approx.)

HSN 84194090 ₹ **24,950**

PT-315
DISTILLATION ASSEMBLY VERTICAL

HSN 70179090

CATALOGUE NO.	FLASK CAPACITY (L)	STAGE	RATING (W)	RATE (₹)
PT-315/05	3	Single	900	₹ **19,500**
PT-315/10	5	Single	1100	₹ **19,950**
PT-315/15	10	Single	1200	₹ **24,500**
PT-315/20	3	Double	1800	₹ **35,000**
PT-315/25	5	Double	2200	₹ **37,950**
PT-315/30	10	Double	2400	₹ **47,950**
PT-315/35	3	Triple	2700	₹ **51,500**
PT-315/40	5	Triple	3300	₹ **55,950**
PT-315/45	10	Triple	3600	₹ **72,000**
SPARE PARTS FOR PT-315				
PT-315/50	Spare flask capacity 3 litre with heater			₹ **9,950**
PT-315/55	Spare flask capacity 5 litre with heater			₹ **11,950**
PT-315/60	Spare flask capacity 10 litre with heater			₹ **16,950**
PT-315/65	Condenser for 3 litre & 5 litre distillation			₹ **3,450**
PT-315/70	Condenser for 10 Litre distillation			₹ **3,995**
PT-315/75	Automatic cut-off device for single distillation			₹ **5,500**
PT-315/80	Automatic cut-off device for double distillation			₹ **6,500**
PT-315/85	Automatic cut-off device for triple distillation			₹ **9,500**
PT-315/90	Constant Level Cup For Distillation			₹ **600**
PT-315/95	Receiver Adapter For Distillation			₹ **550**
PT-315/100	Connecting Adapter For Distillation			₹ **850**
PT-315/105	Stand for single Distillation for 3,5,10 Litre Flask			₹ **4,950**



PT-316
QUARTZ DISTILLATION APPARATUS

PT-316 & PT-317

Water distillation apparatus is used for:

- **Purification**
  Producing high-purity water by separating it from contaminants and dissolved solids.
- **Medical and Pharmaceutical**
  Producing sterile water for medical procedures and pharmaceutical formulations.
- **Environmental Analysis**
  Preparing water samples for analysis of pollutants and contaminants.
- **Laboratory Use**
  Providing distilled water for experiments and analytical procedures where high water purity is required.
- **Quality Control**
  Ensuring water quality in industries such as food and beverage, where water purity is critical.
- **Educational Purposes**
  Demonstrating principles of distillation in educational settings.

PT-316
QUARTZ DISTILLATION APPARATUS

WATER DISTILLATION APPARATUS Quartz boiler with built-in heater and borosil glass condenser, complete with stand, clamps etc. Conductivity of distilled water produced is 1.0 to 1.5 µS/cm and pH 6-7 suitable for HPLC.
HSN 84194090

CATALOGUE NO.	ITEM'S DESCRIPTION	RATE (₹)
PT-316/05	Output approx. 2.5 Lt./Hr. with auto thermal sensor cut-off.	₹ **56,500**
PT-316/10	-do- output approx. 5.0 Lt./Hr. with auto thermal sensor cut-off.	₹ **72,500**

PT-317
QUARTZ DOUBLE DISTILLATION APPARATUS

HSN 84194090

All Quartz Double Distillation Apparatus Quartz Boiler with built-in heater and Quartz condenser complete with stand and clamp etc. Conductivity of distilled water produced is 0.1 to 0.5 µS/cm.

CATALOGUE NO.	ITEM'S DESCRIPTION	RATE (₹)
PT-317/05	Output approx. 1.5 Lt./Hr. with auto thermal sensor cut-off.	₹ **1,19,000**
PT-317/10	-do- output approx. 2.5 Lt./Hr. with auto thermal sensor cut-off.	₹ **1,45,000**
PT-317/15	-do- output approx. 5 Lt./Hr. with auto thermal sensor cut-off.	₹ **2,35,000**



PT-319/15, PT-319/20
WATER STILL, SILICA SHEATHED HEATER – DOUBLE STAGE



PT-319/05, PT-319/10
SILICA SHEATHED HEATER – SINGLE STAGE



PT-318
METAL (IMMERSION) HEATER

PT-318 & PT-319

Water distillation apparatus is used for:

- **Purification**
  Producing high-purity water by separating it from contaminants and dissolved solids.
- **Medical and Pharmaceutical**
  Producing pyrogen-free water for medical procedures and pharmaceutical formulations.
- **Environmental Analysis**
  Preparing water samples for analysis of pollutants and contaminants.
- **Laboratory Use**
  Providing distilled water for experiments and analytical procedures where high water purity is required.
- **Quality Control**
  Ensuring water quality in industries such as food and beverage, where water purity is critical.

PT-318 HSN 84194090

WATER STILL, HORIZONTAL (METAL HEATER)

Comprises a horizontal borosilicate glass boiler fitted with a 3 kW chromium-plated immersion heater with cut-off, and a highly efficient coil condenser ensuring a reliable output of single distillate. Designed for easy usage, safe operation and low cost. The boiler is provided with a Teflon screw cork for easy draining and cleaning of the boiling chamber, and screw-threaded connectors are provided for easy plumbing and installation to avoid glassware breakage during assembly. Distillate temperature is around 25–40°C. The stand is powder coated for long, rust-free operation. For use on 220/240 V, 50/60 Hz single-phase supply.

CATALOGUE NO.	OUTPUT	CONDUCTIVITY	RATING (kW)	RATE (₹)
PT-318	4.0 ltr/hr	3.0 – 4.0 µS/cm	3.0 kW	₹ **26,500**

Distillate quality: pyrogen free.

PT-319 HSN 84194090

WATER STILL, HORIZONTAL (SILICA SHEATHED HEATER)

Carefully designed to produce high-purity, pyrogen-free distilled water. The borosilicate glass unit comprises a horizontal-type boiler, condenser, constant-level device and a removable silica-sheathed (quartz) heater, complete with stand and clamps. Compact in design, with all parts replaceable. Conductivity of the distillate is 1 to 2.0 µS/cm on single-stage models and 0.8 to 1 µS/cm on double-stage models. Electrical supply 220/240 V, 50/60 Hz, single phase.

Features:

- Borosilicate condenser and boiler fitted with a removable silica-sheathed heater and screw-threaded connectors for ease of cleaning when scaling forms.
- Distillate temperature around 25 to 45°C, ensured by an efficient condenser.
- Powder-coated stand for rust-free operation and lustrous appearance.
- Unit automatically switches off if the water level in the boiler falls below the heater.
- Cooling water from the condenser is re-circulated into the boiling chamber, saving energy.
- Drain nozzle / Teflon stop cork provided for easy cleaning and maintenance.
- In-built temperature switch protects the glass parts in case of water failure or overheating.

CATALOGUE NO.	OUTPUT	STAGE	COOLING WATER (ltr/hr)	RATING (kW)	RATE (₹)
PT-319/05	2.0 ltr/hr	Single	60	1.5 kW	₹ **28,500**
PT-319/10	4.0 ltr/hr	Single	120	3.0 kW	₹ **44,500**
PT-319/15	2.0 ltr/hr	Double	120	3.0 kW	₹ **39,500**
PT-319/20	4.0 ltr/hr	Double	150	6.0 kW	₹ **72,500**

Distillate quality: pyrogen free.

PT-319A

OPTIONAL ACCESSORIES FOR HORIZONTAL WATER STILL

CATALOGUE NO.	DESCRIPTION	RATE (₹)
PT-319A/05	Boiling chamber for 2 litre water still	₹ **8,500**
PT-319A/10	Boiling chamber for 4 litre water still	₹ **12,000**
PT-319A/15	Coil condenser for 2 litre water still	₹ **8,500**
PT-319A/20	Coil condenser for 4 litre water still	₹ **9,900**
PT-319A/25	Silica heater for 2 litre water still	₹ **6,500**
PT-319A/30	Silica heater for 4 litre water still	₹ **9,000**
PT-319A/35	Spare cut off device	₹ **5,950**



PT-101
HEATING MANTLES

PT-101 & PT-102

Heating mantles are used for:

- **Chemical Laboratories**
  Heating flasks and containers uniformly during chemical reactions.
- **Distillation**
  Maintaining precise temperatures for distilling liquids.
- **Educational Demonstrations**
  Teaching heating and reaction techniques in academic settings.
- **Biotechnology**
  Supporting processes like enzyme reactions and cell culture incubation.
- **Organic Synthesis**
  Providing controlled heating for reactions involving organic compounds.
- **Extraction**
  Facilitating the extraction of compounds from mixtures through heat application.
- **Pharmaceutical Research**
  Conducting experiments that require consistent heating for drug development.

PT-101
HEATING MANTLES

HSN 84198990

CATALOGUE NO.	ITEM'S DESCRIPTION			
PT-101	HEATING MANTLES WITH ENERGY REGULATOR, INDICATOR LIGHT & ELECTRIC CORD			
	Capacity	Watts	Circuits	Rates
PT-101/10	100 ml.	100	1	₹ **2,450**
PT-101/15	250 ml.	200	1	₹ **2,750**
PT-101/20	500 ml.	300	1	₹ **2,850**
PT-101/25	1 litre	350	1	₹ **3,200**
PT-101/30	2 litre	450	1	₹ **3,650**
PT-101/35	3 litre	450	1	₹ **4,250**
PT-101/40	5 litre	600	1	₹ **4,950**
PT-101/45	10 litre	2 x 600	2	₹ **7,750**
PT-101/50	20 litre	3 x 600	3	₹ **11,750**
PT-101/60	Energy regulator spare			₹ **495**
PT-101/65	Indicator light spare			₹ **120**
PT-101/75	Three core wire with plug & socket (HSN 84198990)			₹ **475**

PT-102
SPARE HEATING MANTLE WITH COILS

HSN 84198990

PT-102 FOR REPLACEMENT IN THE HEATING MANTLES

Catalogue No.	Size of Flasks	Watts	Rates
PT-102/10	100 ml.	60	₹ **475**
PT-102/15	250 ml.	150	₹ **525**
PT-102/20	500 ml.	200	₹ **575**
PT-102/25	1 litre	300	₹ **695**
PT-102/30	2 litre	450	₹ **795**
PT-102/35	3 litre	450	₹ **950**
PT-102/40	5 litre	600	₹ **1,400**
PT-102/45	10 litre	2 x 600	₹ **3,450**
PT-102/50	20 litre	3 x 600	₹ **5,750**



PT-320
HOT PLATE ROUND



PT-330
HOT PLATE RECTANGULAR

PT-320 & PT-330

Hot plates are used for various applications, including:

- **Laboratory Heating**
  Heating glassware and solutions in scientific research and experimentation.
- **Sample Preparation**
  Heating samples for analysis or processing in laboratories.
- **Medical Applications**
  Heating substances for medical treatments or sterilization processes.
- **Chemical Reactions**
  Providing controlled heating for chemical synthesis and reactions.
- **Cooking**
  Heating and cooking food in kitchens, particularly in educational or industrial settings.
- **Industrial Processes**
  Heating materials or components in manufacturing and production processes.

TECHNICAL SPECIFICATIONS OF HOT PLATE

Plate Design	Rectangular and Round
Temperature	Up to 300°C
Temperature Accuracy	± 0.5°C
Temperature Uniformity	± 1°C
Heating plate surface	Stainless Steel 304 / Cast Iron
Cabinet MOC	Powder coated MS / SS 304
Controller	Thermostatic controller / Digital Controller
Power supply	220 Volts 50Hz
Optional	• IQ, OQ & PQ Documentation • NABL Calibrated Controller

PT-320 HOT PLATE ROUND

HSN 84198990

CATALOGUE NO.	PLATE SIZE	TOP PLATE MATERIAL	BODY MATERIAL	TEMP. CONTROLLER	RATING (KW)	RATE (₹)
Mild steel powder coated outer body						
PT-320/05	8”	CAST IRON	MILD STEEL	ENERGY REGULATOR	1.5	₹ **5,950**
PT-320/10	12”	CAST IRON	MILD STEEL	ENERGY REGULATOR	1.5	₹ **7,950**
PT-320/15	8”	COIL TYPE	MILD STEEL	ENERGY REGULATOR	1.2	₹ **4,950**
304 Grade Stainless Steel outer body						
PT-320A/05	8”	SS	SS	DIGITAL	1.5	₹ **16,500**

PT-330 HOT PLATE RECTANGULAR

CATALOGUE NO.	PLATE SIZE	TEMP. CONTROLLER	RATING (KW)	RATE (₹)
PT-330/05	250 x 300 x 150	ENERGY REGULATOR	1	₹ **9,995**
PT-330/10	250 x 400 x 150	ENERGY REGULATOR	1	₹ **11,950**
PT-330/15	300 x 450 x 150	ENERGY REGULATOR	2	₹ **13,500**
PT-330/20	450 x 600 x 150	ENERGY REGULATOR	3	₹ **25,950**
PT-330/25	250 x 300 x 150	DIGITAL	1	₹ **16,995**
PT-330/30	250 x 400 x 150	DIGITAL	1	₹ **18,950**
PT-330/35	300 x 450 x 150	DIGITAL	2	₹ **21,950**
PT-330/40	450 x 600 x 150	DIGITAL	3	₹ **35,950**
PT-330/45	250 x 300 x 150	DIGITAL S.S. BODY	1	₹ **19,950**
PT-330/50	250 x 400 x 150	DIGITAL S.S. BODY	1	₹ **24,450**

PT-250
WATER BATH

TECHNICAL SPECIFICATION	
Temperature	Ambient +5 to 100 °C
Temperature Accuracy	± 0.5°C
Temperature Uniformity	± 1°C
Temperature controller	• Thermostatic rotary knob/ PID • PID Temperature controller
Display	• PID temperature controller • LED display of SV & PV • Auto Tuning Feature
Construction	Double walled
Inner MOC	SS 304
External MOC	Powder coated MS / SS 304
Insulation	Glass wool
Lid	• Nylon Concentric rings 75 mm dia. / Pyramid Shape
Power supply	220 Volts 50 Hz
Optional	• IQ, OQ & PQ Documentation • NABL Calibrated Controller • Base tray



PT-250
WATER BATH



PT-252
SEROLOGICAL WATER BATH

PT-250 WATER BATH (75MM HOLES)

HSN 84198990

CATALOGUE NO.	CHAMBER SIZE (MM)	NO. OF 75MM HOLES	CAPACITY (L)	TEMP. CONTROLLER	RATE (₹)
Mild steel powder coated outer body					
PT-250/05	300 x 150 x 100	3	4	THERMOSTATIC	₹ **9,950**
PT-250/10	300 x 235 x 100	6	6	THERMOSTATIC	₹ **13,950**
PT-250/15	500 x 300 x 100	12	13	THERMOSTATIC	₹ **16,950**
PT-250A/05	300 x 150 x 100	3	4	DIGITAL	₹ **17,950**
PT-250A/10	300 x 235 x 100	6	6	DIGITAL	₹ **21,950**
PT-250A/15	500 x 300 x 100	12	13	DIGITAL	₹ **25,950**
304 grade Stainless Steel outer body					
PT-250B/05	300 x 150 x 100	3	4	DIGITAL	₹ **22,950**
PT-250B/10	300 x 235 x 100	6	6	DIGITAL	₹ **27,950**
PT-250B/15	500 x 300 x 100	12	13	DIGITAL	₹ **31,950**

PT-252
SEROLOGICAL WATER BATH

HSN 84198990

CATALOGUE NO.	CHAMBER SIZE (MM)	CHAMBER CAPACITY (L)	NO. OF RACKS	TEMP. CONTROLLER	RATE (₹)
Mild steel powder coated outer body					
PT-252/05	300 x 150 x 200	8	2	THERMOSTATIC	₹ **11,950**
PT-252/10	300 x 235 x 200	12	4	THERMOSTATIC	₹ **15,950**
PT-252/15	500 x 300 x 200	28	6	THERMOSTATIC	₹ **19,950**
PT-252A/05	300 x 150 x 200	8	2	DIGITAL	₹ **20,950**
PT-252A/10	300 x 235 x 200	12	4	DIGITAL	₹ **24,950**
PT-252A/15	500 x 300 x 200	28	6	DIGITAL	₹ **28,950**
304 grade Stainless Steel outer body					
PT-252B/05	300 x 150 x 200	8	2	DIGITAL	₹ **25,950**
PT-252B/10	300 x 235 x 200	12	4	DIGITAL	₹ **30,950**
PT-252B/15	500 x 300 x 200	28	6	DIGITAL	₹ **35,950**

PT-255
WATER BATH SINGLE WALL

HSN 84198990

Rectangular water bath is suitable for evaporating liquids like alcohol or for melting solids such as agar. Concentric rings can be removed to accommodate containers of various sizes.

CONSTRUCTION Single wall chamber made of high quality 304 grade stainless steel provided with ISI mark 1000 Watts heating device. This chamber is built in constant level device & having holes of 3" diameter with concentric rings.

CAT NO.	ITEM DESCRIPTION			RATE (₹)
	SIZE OF CHAMBER (IN MM)	NO. OF HOLES	DIA OF HOLE (IN MM)	
PT-255/05	350 X 250 X 100	6	75	₹ **7,250**
PT-255/10	400 X 300 X 100	12	75	₹ **8,995**
PT-255/15	Spare heater for water bath (ISI mark) (Kettle Type)			₹ **1,650**

PT-257
WATER BATH (For Dye Pots)

It consists of six stainless steel cups of 250 ml. capacity. It has a thermostatic control, indicator light and a heater of 1.5 kW.

₹ **13,950**

PT-266
CYLINDRICAL OIL BATH

HSN 84198990

CATALOGUE NO.	FLASK CAPACITY (L)	TEMP. CONTROLLER	RATE (₹)
PT-266/05	2	Thermostatic	₹ **11,950**
PT-266/10	3	Thermostatic	₹ **15,950**
PT-266/15	5	Thermostatic	₹ **17,950**
PT-266/20	2	Digital	₹ **18,950**
PT-266/25	3	Digital	₹ **22,950**
PT-266/30	5	Digital	₹ **24,950**

PT-267
CYLINDRICAL WATER BATH

HSN 84198990

Double wall with stainless steel inner chamber & stand of flask thermostatic controlled.

CAT NO.	ITEM DESCRIPTION	RATE (₹)
PT-267/05	Suitable for 5 litre flask	₹ **13,950 each**
PT-267/10	Suitable for 10 litre flask	₹ **15,950 each**

PT-280
HIGH PRECISION WATER BATH

This water bath provides consistent temperature control over the range ambient to 110 °C for numerous applications where temperature uniformity and stability are important specially for experiments or research works.

CONSTRUCTION

The inner chamber consists of thick stainless steel tank housed in a powder coated outer case filled with high-grade insulation to prevent heat loss. It is provided with a glass window for an easy inside view and a powerful stirring system to ensure good temperature uniformity throughout the bath. The ISI mark heaters are controlled from ambient to 110 °C. This unit is fitted with Digital Temperature Controller cum Indicator.

WORKING CHAMBER SIZE 450 x 375 x 375

HSN 84198990

₹ **48,950**

PT-295
ULTRA SONIC BATH (SONICATOR)

ULTRASONIC (Ultra sound) is the sound which human beings cannot hear. Ultrasound utilizes frequencies from and above 18KHz (18,000 cycles per second). High Frequency electrical energy is converted into ultrasound waves by means of ultrasonic transducers, which are bonded on the base of S.S. cleaning Tank. These high frequency sound waves create in the liquid countless microscopic vacuum bubbles which rapidly expand and collapse.

HSN 84198990

CAT NO.	CAPACITY	TANK SIZE (L X B X H) MM	WATTAGE	RATE (₹)
PT-295/05	2 Litre	240 x 135 x 65 60	60 W	₹ **24,950**
PT-295/10	3 Litre	300 x 150 x 100	120 W	₹ **27,950**
PT-295/15	6 Litre	300 x 150 x 150	200 W	₹ **48,950**



PT-280
HIGH PRECISION WATER BATH



PT-350
MUFFLE FURNACE

PT-350

Muffle furnaces are used for:

- **Ash Content**
  Determining ash and mineral content of food, feed, coal and pharmaceutical samples.
- **Heat Treatment**
  Annealing, hardening and tempering of small metal parts.
- **Gravimetric Analysis**
  Igniting precipitates and drying crucibles to constant weight.
- **Loss on Ignition**
  Measuring volatile matter and moisture in cement, soil and minerals.
- **Ceramics and Glass**
  Firing, fusing and sintering of ceramic and glass samples.
- **Research and Education**
  High-temperature experiments in materials science laboratories.

PT-350

MUFFLE FURNACE

HSN 85141000

TECHNICAL SPECIFICATION

Max. Temperature	900°C
Continuous operating temp.	900°C
Heating element	KANTHAL wire
Thermocouple	K Type
Heating chamber MOC	Sillimanite Muffle
Exterior MOC	Powder coated MS / SS 304
Door	Swing type insulated solid door
Temperature controller	• PID temperature controller • LED display of SV & PV • Auto Tuning Feature
Power supply	220V/50Hz
Accessories	• High temperature safety gloves • Crucible tong, Operating manual
Optional	• Data logger with USB Interface • Vent hole for fume exhaust • IQ, OQ & PQ Documentation • Automatic voltage stabilizer • NABL Calibrated Controller • Cooling fan for control panel — P.O.R

CATALOGUE NO.	MUFFLE SIZE (MM)	CAPACITY (L)	RATING (KW)	TEMP. CONTROLLER	RATE (₹)
Mild Steel Powder coated outer body					
PT-350/05	100 X 100 X 225	2	1.6	THERMOSTATIC	₹ **28,950**
PT-350/10	125 X 125 X 250	4	2.0	THERMOSTATIC	₹ **31,950**
PT-350/15	150 X 150 X 300	6	3.0	THERMOSTATIC	₹ **37,950**
Temperature controlled by digital temperature controller with two indicating lights					
PT-350A/05	100 X 100 X 225	2	1.6	DIGITAL	₹ **38,950**
PT-350A/10	125 X 125 X 250	4	2.0	DIGITAL	₹ **41,950**
PT-350A/15	150 X 150 X 300	6	3.0	DIGITAL	₹ **49,950**
PT-350A/20	200 X 200 X 300	12	3.5	DIGITAL	₹ **65,950**
304 grade Stainless Steel outer body (GMP MODEL)					
PT-350B/05	100 X 100 X 225	2	1.6	DIGITAL	₹ **50,950**
PT-350B/10	125 X 125 X 250	4	2.0	DIGITAL	₹ **53,950**
PT-350B/15	150 X 150 X 300	6	3.0	DIGITAL	₹ **63,950**
PT-350B/20	200 X 200 X 300	12	3.5	DIGITAL	₹ **82,950**



PT-352
MUFFLE FURNACE GROOVED TYPE

PT-352

Muffle furnaces are used for:

- **Ash Content**
  Determining ash and mineral content of food, feed, coal and pharmaceutical samples.
- **Heat Treatment**
  Annealing, hardening and tempering of small metal parts.
- **Gravimetric Analysis**
  Igniting precipitates and drying crucibles to constant weight.
- **Loss on Ignition**
  Measuring volatile matter and moisture in cement, soil and minerals.
- **Ceramics and Glass**
  Firing, fusing and sintering of ceramic and glass samples.
- **Research and Education**
  High-temperature experiments in materials science laboratories.

PT-352

MUFFLE FURNACE GROOVED TYPE

HSN 85141000

TECHNICAL SPECIFICATION

Max. Temperature	1200°C
Continuous operating temp.	1200°C
Heating element	KANTHAL wire
Thermocouple	K Type
Heating chamber MOC	Sillimanite Muffle grooved type
Exterior MOC	Powder coated MS / SS 304
Door	Swing type insulated solid door
Temperature controller	• PID temperature controller • LED display of SV & PV • Auto Tuning Feature
Power supply	220V/50Hz
Accessories	• High temperature safety gloves • Crucible tong • Operating manual
Optional	• Data logger with USB Interface • Vent hole for fume exhaust • IQ, OQ & PQ Documentation • Automatic voltage stabilizer • NABL Calibrated Controller • Cooling fan for control panel — P.O.R

CATALOGUE NO.	MUFFLE SIZE (MM)	CAPACITY (L)	RATING (KW)	PHASE	TEMP. CONTROLLER	RATE (₹)
Mild Steel Powder coated outer body						
PT-352/05	125 X 125 X 250	4	4.0	SINGLE	DIGITAL	₹ **69,500**
PT-352/10	150 X 150 X 300	6	4.5	DOUBLE	DIGITAL	₹ **74,950**
PT-352/15	200 X 200 X 300	12	6.0	TRIPLE	DIGITAL	₹ **87,950**
PT-352/20	300 X 300 X 300	27	10.0	TRIPLE	DIGITAL	₹ **1,05,000**
304 grade Stainless Steel outer body (GMP MODEL)						
PT-352A/05	125 X 125 X 250	4	4.0	SINGLE	DIGITAL	₹ **81,950**
PT-352A/10	150 X 150 X 300	6	4.5	DOUBLE	DIGITAL	₹ **91,950**
PT-352A/15	200 X 200 X 300	12	6.0	TRIPLE	DIGITAL	₹ **1,09,950**
PT-352A/20	300 X 300 X 300	27	10.0	TRIPLE	DIGITAL	₹ **1,32,500**

HEATING EQUIPMENT, BATHS, OVENS & FURNACES

PT-400

HOT AIR OVEN

HSN 85141000

TECHNICAL SPECIFICATIONS

Temperature range	Ambient +10°C to 250°C
Temperature accuracy	±0.5°C or better
Temperature Uniformity	± 1°C
Temperature sensor	RTD PT100
Temperature controller	• PID temperature controller • Display of SV & PV • Auto Tuning Feature
Construction	Double walled
Inner chamber	Stainless steel 304
Exterior	MS Powder coated / SS 304
Insulation	Glass wool insulation
Shelves	SS 304 Perforated
Door	• Insulated door • Door catcher • ABS handle
Door insulation	Glass wool insulation With asbestos sheet protection
Air circulation	Motor driven blower
Vent port	fume vent port
Power supply	220 Volts / 50 Hz



PT-400A/10
HOT AIR OVEN



PT-400B/10
HOT AIR OVEN

HOT AIR OVEN

CATALOGUE NO.	CHAMBER SIZE (MM)	CAPACITY (L)	SHELVES	RATING (W)	TEMP. CONTROL-LER	RATE (₹)
Mild steel powder coated outer body						
PT-400/05	300 X 300 X 300	27	1	750	THERMOSTAT	₹ **15,950**
PT-400/10	355 X 355X 355	45	2	800	THERMOSTAT	₹ **16,950**
PT-400/15	455 X 455 X 455	95	2	1500	THERMOSTAT	₹ **24,950**
PT-400/20	455 X 455 X 605	125	2	2000	THERMOSTAT	₹ **31,950**
PT-400/25	605 X 605 X 605	220	2	2000	THERMOSTAT	₹ **42,950**
PT-400/30	605 X 605 X 910	330	3	3000	THERMOSTAT	₹ **55,950**
Temperature controlled by digital temperature controller						
PT-400A/05	300 X 300 X 300	27	1	750	DIGITAL	₹ **29,950**
PT-400A/10	355 X 355X 355	45	2	800	DIGITAL	₹ **32,950**
PT-400A/15	455 X 455 X 455	95	2	1500	DIGITAL	₹ **39,950**
PT-400A/20	455 X 455 X 605	125	2	2000	DIGITAL	₹ **47,950**
PT-400A/25	605 X 605 X 605	220	2	2000	DIGITAL	₹ **58,950**
PT-400A/30	605 X 605 X 910	330	3	3000	DIGITAL	₹ **71,950**
304 grade Stainless Steel outer body (GMP MODEL)						
PT-400B/05	300 X 300 X 300	27	1	750	DIGITAL	₹ **39,950**
PT-400B/10	355 X 355X 355	45	2	800	DIGITAL	₹ **42,950**
PT-400B/15	455 X 455 X 455	95	2	1500	DIGITAL	₹ **53,950**
PT-400B/20	455 X 455 X 605	125	2	2000	DIGITAL	₹ **62,950**
PT-400B/25	605 X 605 X 605	220	2	2000	DIGITAL	₹ **76,950**
PT-400B/30	605 X 605 X 910	330	3	3000	DIGITAL	₹ **92,950**
High Temperature Oven up to 300 °C						
PT-400E/05	355 X 355X 355	45	2	2000	DIGITAL	₹ **41,950**
PT-400E/10	455 X 455 X 455	95	2	3000	DIGITAL	₹ **51,950**
PT-400E/15	605 X 605 X 605	220	2	4000	DIGITAL	₹ **71,950**

OPTIONAL ACCESSORIES **P.O.R**

- Data logger with USB interface
- Over temperature thermostat
- Caster wheels
- 50 mm validation port hole to insert sensor or wire
- Automatic voltage stabilizer
- IQ / OQ / PQ Documentation



PT-415/10
VACUUM OVEN



PT-415/20
VACUUM OVEN

PT-415

Vacuum ovens are used for:

- **Drying**
  Removing moisture from heat-sensitive materials.
- **Laboratory Testing**
  Controlled heating and drying under vacuum.
- **Industrial Applications**
  Processing components in various industries.
- **Heat-Sensitive Processing**
  Preventing degradation during drying.
- **Chemical Processing**
  Purifying and curing materials.

PT-415

VACUUM OVEN

HSN 85143090

MODEL	PT-415
Temperature Range	Ambient to 250 °C
Temperature Accuracy	± 1 °C
Temperature Controller and Display	PID Control , Digital Display
Vacuum Gauge	Analogue
Shelf Type	1 SS 304 Grade Perforated Shelf Size – 11” X 11”
Heating Technology	Nichrome Wire Heating (Kanthal Make)
Material of Outer Body	MS / SS 304 GRADE
Material of Inner Chamber	THICK JOINTLESS 304 GRADE STAINLESS STEEL
Chamber Dimension	DIA 12” X DEPTH 12” (22 L)
Insulation Type	Glass Fibre
Attainable Vacuum	750 mmHg
Other Features	Reliable Inlet/Outlet Valves, Toughened Glass Window for Viewing, Circular Chamber for easy cleaning, Silicone Rubber Gasket to prevent leakage
IQ/OQ/PQ Documentation	Available on Request
Typical User Target	Pharma/Food , Research Labs
Sample Applications	• Gentle drying of heat-sensitive materials • Fast drying • Residue-free drying of intricately designed parts • Elimination of oxidation associated with heat treatment • Targeted recovery of degassed products • Drying of powders • Drying at high temperatures

P.O.R

CATALOGUE NO.	HEATING POWER (W)	MAX CAPACITY (L)	TEMP. CONTROLLER	RATE (₹)
Mild steel powder coated outer body				
PT-415/10	1000	22	DIGITAL	₹ **63,950**
304 grade Stainless Steel outer body				
PT-415/20	1000	22	DIGITAL	₹ **83,950**



PT-360
HUMIDITY CHAMBER

PT-360

Humidity chambers are used for:

- **Material Testing**
  Assessing how materials respond to different humidity levels.
- **Plant Growth**
  Cultivating plants requiring specific humidity environments.
- **Microbiology**
  Cultivating microorganisms under controlled humidity.
- **Environmental Testing**
  Simulating effects of humidity on materials and products.
- **Quality Control**
  Testing product durability under varying humidity conditions.
- **Seed Germination**
  Providing optimal conditions for seed development.
- **Pharmaceutical Storage**
  Maintaining drug stability in controlled humidity environments.

PT-360
HUMIDITY CHAMBER

An all purpose humidity chamber specifically designed for drying environment of animal and plant growth, investigation of vapour, proofness of packed materials, determination of di-electric strength, insulation tests of electrical components and other tests requiring an atmosphere of controlled temperature and humidity. A strong double walled chamber with the inner chamber made of thick S.S. sheet and the outer body made of thick M.S. sheet. The door is also double walled having glass window for inspection, the humidity is controlled by a sensitive humidistat having a range from 40 to 95% fitted inside the chamber with hygrometer. Forced air circulation by turbo blowers is provided along with Stainless Steel water tank in the side of the chamber. The temperature and Humidity is controlled by a Digital Temperature & Humidity Controller with Display. The indicating lights, controller knobs have been provided on the side panel.
HSN 84198990

CATALOGUE NO.	HWD (MM)	CAPACITY (L)	TEMP. RANGE	RATE (₹)
PT-360/25	600 X 600 X 600	220	10 °C TO 55 °C	**₹ 1,44,950**
PT-360/30	900 X 600 X 600	330	10 °C TO 55 °C	**₹ 1,56,950**
PT-360-B	Provided with 304 GRADE STAINLESS STEEL OUTER BODY & fitted with digital temperature & humidity control with display. (HSN - 84198990)			
PT-360A/25	600 X 600 X 600	220	10 °C TO 55 °C	**₹ 1,74,950**
PT-360A/30	900 X 600 X 600	330	10 °C TO 55 °C	**₹ 1,92,950**



PT-410 / PT-410A
MS POWDER COATED BODY



PT-410B
ALL SS 304 BODY (GMP MODEL)

PT-410
BACTERIOLOGICAL INCUBATOR

PT-410

Bacteriological incubators are used for:

- **Microbiology**
  Cultivating and maintaining bacterial cultures under controlled temperature conditions.
- **Food Testing**
  Incubating samples to detect and quantify bacteria in food and beverage industries.
- **Environmental Monitoring**
  Incubating samples to analyze microbial activity in environmental studies.
- **Cell Culture**
  Providing a stable environment for growing cells in research and medical laboratories.
- **Research and Development**
  Conducting experiments that require controlled temperature for biological processes.

PT-410

BACTERIOLOGICAL INCUBATOR

HSN 85141000

TECHNICAL SPECIFICATION

Temperature range	Ambient+10°C to 80°C
Temperature accuracy	±0.5°C
Temperature Uniformity	± 1°C
Temperature sensor	PT100
Temperature controller	• PID temperature controller • Display of SV & PV • Auto Tuning Feature
Inner chamber	SS 304
Exterior Cabinet	MS Powder coated / SS 304
Insulation	Glass wool
Shelves	SS 304 Perforated
Door	• Insulated door • Door catcher • ABS handle • Glass window
Air circulation	Motorized blower
Power supply	220 Volts / 50 Hz
Optional	- Data logger w/ USB interface - NABL Calibrated Controller - IQ/OQ/PQ Documentation - Automatic voltage stabilizer

CATALOGUE NO.	CHAMBER SIZE (MM)	CAPACITY (L)	SHELVES	RATING (W)	TEMPERATURE CONTROLLER	RATE (₹)
Mild steel powder coated outer body						
PT-410/05	300 X 300 X 300	27	1	250	THERMOSTAT	₹ **15,950**
PT-410/10	355 X 355X 355	45	2	300	THERMOSTAT	₹ **16,950**
PT-410/15	455 X 455 X 455	95	2	300	THERMOSTAT	₹ **24,950**
PT-410/20	605 X 605 X 605	220	3	500	THERMOSTAT	₹ **42,950**
Temperature controlled by digital temperature controller						
PT-410A/05	300 X 300 X 300	27	1	250	DIGITAL	₹ **29,950**
PT-410A/10	355 X 355X 355	45	2	300	DIGITAL	₹ **32,950**
PT-410A/15	455 X 455 X 455	95	2	300	DIGITAL	₹ **39,950**
PT-410A/20	605 X 605 X 605	220	3	500	DIGITAL	₹ **58,950**
304 grade Stainless Steel outer body (GMP MODEL)						
PT-410B/05	300 X 300 X 300	27	1	250	DIGITAL	₹ **39,950**
PT-410B/10	355 X 355X 355	45	2	300	DIGITAL	₹ **42,950**
PT-410B/15	455 X 455 X 455	95	2	300	DIGITAL	₹ **53,950**
PT-410B/20	605 X 605 X 605	220	3	500	DIGITAL	₹ **76,950**

PT-417

BOD INCUBATOR



PT-417
BOD INCUBATOR

PT-417

BOD Incubators are used for various applications, including:

- **BOD Testing**
  Determining the biochemical oxygen demand of water and wastewater samples at 20°C.
- **Food & Dairy Testing**
  Shelf-life, spoilage and quality studies of food and dairy products.
- **Agriculture**
  Seed germination, plant tissue culture and soil research.
- **Microbiology**
  Culturing bacteria, yeast and fungi at precisely controlled temperatures.
- **Pharmaceuticals**
  Stability testing and storage of samples under controlled conditions.
- **Environmental Studies**
  Water quality monitoring and entomology / insect rearing studies.

TECHNICAL SPECIFICATIONS OF BOD INCUBATOR

Model	PT-417
Temperature Range	5°C to 60°C
Temperature Accuracy	± 0.5°C
Temperature Uniformity	± 1°C
Temperature Sensor	PT-100
Temperature Controller	• PID temperature controller • LED display of SV & PV • Auto tuning feature
Construction	Double walled with Glass Wool insulation
Inner Construction	Stainless Steel 304 grade
Exterior Construction	Powder Coated MS sheet / SS 304
Exterior Door	Nichrome wire heating (Kanthal make)
Inner Door	Acrylic door to view samples
Trays	SS 304 perforated trays (removable)
Interior Illumination	LED Light
Heating Element	Mica / SS tubular (250 W)
Refrigeration System	CFC Free Compressor (R134a)
Air Circulation	Axial fan
Power Supply	220 Volts 50 Hz
Optional (P.O.R)	• RS485 computer interface • Data logger with USB interface • Temperature High / Low alarm • Over temperature thermostat • 50 mm validation port hole to insert sensor or wire • IQ, OQ & PQ Documentation • Automatic voltage stabilizer • NABL Calibrated Controller • 5A socket w/ switch inside chamber

HSN 84198990

CATALOGUE NO.	CHAMBER SIZE (MM)	CAPACITY (CU FT.)	CAPACITY (L)	SHELVES	TEMP. CONTROLLER	RATE (₹)
Mild steel powder coated outer body						
PT-417/05	825 X 505 X 415	6.1	173	2	DIGITAL	**₹ 99,950**
PT-417/10	850 X 600 X 500	8	227	2	DIGITAL	**₹ 1,07,950**
PT-417/15	880 X 550 X 550	10	283	3	DIGITAL	**₹ 1,17,950**
PT-417/20	900 X 650 X 580	12	340	3	DIGITAL	**₹ 1,34,950**
304 grade Stainless Steel outer body (GMP MODEL)						
PT-417A/05	825 X 505 X 415	6.1	173	2	DIGITAL	**₹ 1,35,000**
PT-417A/10	850 X 600 X 500	8	227	2	DIGITAL	**₹ 1,44,950**
PT-417A/15	880 X 550 X 550	10	283	3	DIGITAL	**₹ 1,55,950**
PT-417A/20	900 X 650 X 580	12	340	3	DIGITAL	**₹ 1,78,950**



PT-420
BOD INCUBATOR WITH ORBITAL SHAKER

PT-420 & PT-422

BOD (Biochemical Oxygen Demand) incubators are used for:

- **Environmental Monitoring**
  Assessing the amount of oxygen required for microorganisms to break down organic matter in water samples.
- **Biological Research**
  Conducting experiments that require precise temperature and humidity control for microbial studies.
- **Medical and Pharmaceutical**
  Storing biological samples and maintaining cell cultures under controlled conditions.
- **Microbial Cultivation**
  Providing controlled conditions for the growth and maintenance of bacteria and other microorganisms.
- **Food and Beverage Industry**
  Testing the biological stability of products by incubating samples to assess microbial growth.

PT-420

BOD INCUBATOR WITH ORBITAL SHAKER

It is very suitable for orbital shaking, in variable speeds under controlled temperature.

Construction

The low temperature incubator is made of double walled M.S sheet finished with epoxy based powder coated paint, inner chamber is made of highly polished stainless steel. Two doors are provided. Inner door is made of transparent acrylic for inspecting specimens outer door is insulated and fitted with magnetic tape with lock and key. Temperature range from 5°C to 50°C with an accuracy of ± 1°C provided with two air circulating fans, high performance compressor, cooling coils, heating elements, digital temperature control and display is also fitted with a door operated lamp and a caster wheel for easy mobility.
A variable speed regulator is provided on the top panel to control. The r.p.m of shaking tray fixed inside the chamber platform. It can accommodate 16 flasks of 250 ml.

Size of Shaking Incubator Chamber: 850mm x 600mm x 600mm (Height x Width x Depth)

HSN 84198990

₹ 1,49,500

PT-422

INCUBATOR SHAKER

Incubator Shaker to accommodate 16 flasks of 250 ml. Provided with digital r.p.m indicator and Digital temp. cum controller stainless steel chamber Size 450 x 450 x 450 mm, fitted with variable controller

HSN 84198990

₹ 85,000



PT-90
PHOTO CHEMICAL REACTOR

PT-90, PT-92 & PT-93

Photochemical reactors are used for:

- **Chemical Synthesis**
  Producing compounds via light-induced reactions, including pharmaceuticals.
- **Photocatalysis**
  Enhancing reactions with light-activated catalysts for green chemistry.
- **Biochemical Research**
  Studying light-induced processes in biological systems.
- **Solar Energy Research**
  Improving solar cells and solar fuel production.
- **Environmental Studies**
  Degrading pollutants and treating water and air.
- **Material Science**
  Developing and testing light-responsive materials like photoresists and polymers.
- **Water Treatment**
  Disinfecting and purifying water with UV light.

PT-90
PHOTO CHEMICAL REACTOR

(Srinivasan-Griffin-Rayonet Type) The reactor comprises 8 ultraviolet tubes, fitted in a heavy metal enclosure with a stainless steel highly polished reflector. Two clamping rods are provided for holding the suspended glass reactor. A cooling fan is provided at the base of the reactor. Complete with switches, indicator lights, plug and cord. A magnetic stirrer is provided for continuous stirring during radiation, complete with two pieces of Teflon coated magnetic rotors.

HSN 90275090 — **₹ 52,950**

PT-92
QUARTZ TUBE

With B-19 socket sealed at the bottom, length 50 cm., dia. 25 mm. For use with reactor PT-90

HSN 70171000 — **₹ 8,250**

PT-93
BOROSILICATE GLASS TUBE

With B-19 socket sealed at the bottom, length 50 cm., dia. 25 mm. For use with reactor PT-90.

HSN 70179090 — **₹ 1,250**

PT-96, 97, 98
PHOTO CHEMICAL REACTOR ASSEMBLY

MODEL	DESCRIPTION	RATE
PT-96	Comprising of a transparent quartz probe with B-45 cone with outer jacket of borosilicate glass having B-45 socket and a B-75 cone fitted with inlet and outlet tubes. A cooling jacket of borosilicate glass with B-75 socket with inlet and outlet tubes is also provided. Capacity : 100 ml. or 200 ml. HSN 70179090	**₹ 39,950**
PT-97	It is similar to model PT-96, but complete assembly including the probe is made of borosilicate glass. HSN 70179090	**₹ 11,500**
PT-98	Comprising of a transparent quartz probe with B-45 cone. An outer jacket of borosilicate glass with B-45 socket, inlet and outlet tube is provided. HSN 70179090	**₹ 29,950**

PT-100
ULTRA VIOLET LAMP

(125 watt) With choke for photo chemical reactor assemblies no. PT-96, PT-97 and PT-98. — **₹ 3,950**
HSN 853931

PT-100/05
ULTRA VIOLET LAMP

(125 watt) For above. — **₹ 1,950**



PT-105
SOXHLET EXTRACTION UNIT

PT-105, PT-106 & PT-108

Soxhlet extraction apparatus is used for:

- **Natural Products**
  Extracting compounds from solids like plants for essential oils.
- **Environmental Testing**
  Extracting pollutants from soil and sediment for analysis.
- **Pharmaceutical Research**
  Extracting active ingredients for drug development.
- **Analysis and Purification**
  Extracting components from mixtures for chemical analysis.
- **Food and Beverage**
  Extracting flavors and additives for quality control.
- **Forensic Science**
  Extracting drugs from biological samples for analysis.

PT-105
SOXHLET EXTRACTION UNIT

Every flask recess is provided with a pilot lamp and a regulator or toggle switch. The built-in energy regulators are provided to facilitate good control of temperature. External cases are finished with heat and mar resistant epoxy-polyester paint.

HSN 84198990

CATALOGUE NO.	ITEM'S DESCRIPTION				RATE
	Capacity ml.	Total Watts at 230V	No. of flask recess	No. of regulators	No. of switches
PT-105/05	250	600	3	3	₹ **10,950**
PT-105/10	500	900	3	3	₹ **11,450**
PT-105/15	1000	1050	3	3	₹ **12,950**
PT-105/20	250	1200	6	6	₹ **18,500**
PT-105/25	500	1800	6	6	₹ **19,950**
PT-105/30	1000	2100	6	6	₹ **22,500**
Soxhlet Extraction Heating Unit with glass parts					
PT-105-A/05	Unit of 3 test, 250 ml with 3 regulator (with glass parts)				₹ **17,950**
PT-105-A/10	Unit of 3 test, 500 ml with 3 regulator (with glass parts)				₹ **20,950**
PT-105-A/15	Unit of 6 test, 250 ml with 6 regulator (with glass parts)				₹ **32,250**
PT-105-A/20	Unit of 6 test, 500 ml with 6 regulator (with glass parts)				₹ **38,500**

HSN 84198990

PT-106
SPARE GLASS PART

Complete with one flask and bulb condenser with interchangeable joints. (HSN 70179090)

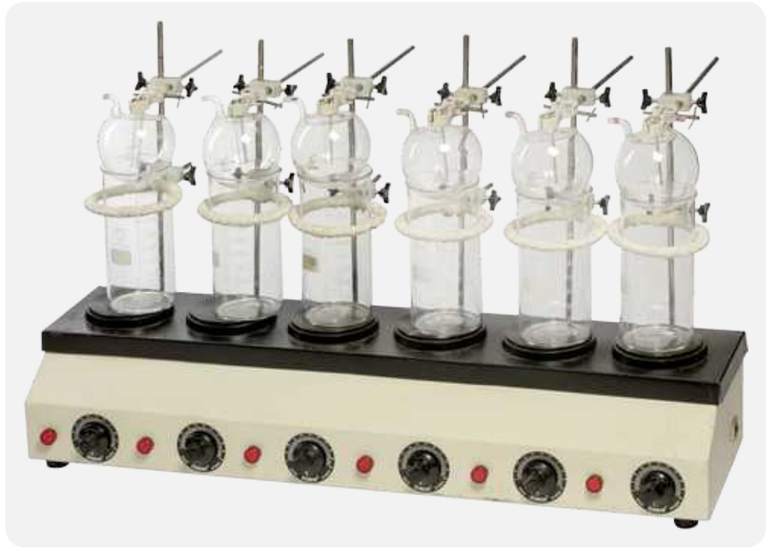
CATALOGUE NO.	ITEM'S DESCRIPTION				RATE
	Capacity of Flask ml.	Cap. of Extractor	Socket Size of Extractor	Cone Size of Extractor	Rate
PT-106/05	50	20	B 24	B 19	₹ **1,595**
PT-106/10	100	40	B 29	B 24	₹ **1,775**
PT-106/15	100	60	B 34	B 24	₹ **1,990**
PT-106/20	150	60	B 34	B 24	₹ **1,995**
PT-106/25	250	100	B 34	B 24	₹ **2,075**
PT-106/30	250	100	B 40	B 24	₹ **2,195**
PT-106/35	500	200	B 50	B 24	₹ **2,950**
PT-106/40	1000	400	B 50	B 24	₹ **4,275**
PT-106/45	2000	600	B 50	B 24	₹ **5,195**
PT-106/50	3000	1000	B 55	B 34	₹ **10,095**
PT-106/55	5000	2000	B 55	B 34	₹ **19,995**

PT-108
SOXHLET EXTRACTION HEATER HOTPLATE TYPE

With six hot plate of 4½" dia and 6 energy regulator provided with rods clamps & boss heads for glass parts (without glass parts)

HSN 84198990

₹ **19,500**



PT-109
CRUDE FIBRE ESTIMATION APPARATUS
HOT PLATE TYPE



PT-110
TEFLON ASSEMBLY

PT-109, PT-110 & PT-113

The crude fiber estimation apparatus is used for:

- **Dietary Analysis**
  Determining the fiber content in food and feed samples for nutritional labeling and quality control.
- **Research and Development**
  Studying dietary fiber composition and its effects on digestion and health.
- **Environmental Analysis**
  Evaluating fiber content in plant materials for ecological studies and biomass analysis.
- **Feed Analysis**
  Assessing the fiber content in animal feed to optimize diets for livestock and pets.
- **Quality Assurance**
  Ensuring compliance with regulatory standards for fiber content in food products.

PT-109
CRUDE FIBRE ESTIMATION APPARATUS
HOT PLATE TYPE

HSN 84198990

The apparatus consists of a mild steel housing. Six hot plates of 4½" dia. are mounted on top of the housing and can be operated with individual energy regulator electrically operated on 220/230 volts mains. Maximum power total rating is 900 W AC. The apparatus is supplied complete with six tall form spoutless beakers, six bulb type condensers and clamps for holding glass parts.

₹ 34,950

PT-109/05
SPARE CONDENSER

For crude fiber with tall form spoutless beaker. **₹ 2,650**

HSN 70179090

PT-110
TEFLON ASSEMBLY

With Four Glass Tubes (One Set) for crude fiber

HSN 39269099 **₹ 8,500**

PT-113
IMMERSION HEATER

Immersion heater (ISI mark) with auto cut-off, 220 V AC, suitable for boiling water.

HSN 85161000

CATALOGUE NO.	ITEM'S DESCRIPTION		RATE
PT-113/05	Kettle Element	1 kW	₹ 1,350
PT-113/10	Kettle Element	1.5 kW	₹ 1,450
PT-113/15	Kettle Element	2.0 kW	₹ 1,650
PT-113/20	Immersion heater nipple type, bent, 1.5 kW, suitable for water baths		₹ 995
PT-113/25	Immersion heater nipple type, bent, 2.0 kW, suitable for water baths		₹ 1,150
PT-113/30	Immersion heater nipple type, straight.		₹ 995



PT-145
CATALYTIC HYDROGENATION

PT-145, PT-150 & PT-155

Catalytic hydrogenation apparatus is used for:

- **Chemical Synthesis**
  Catalyzing the addition of hydrogen to unsaturated compounds to produce saturated compounds.
- **Food Industry**
  Hydrogenating oils and fats to alter their physical properties, such as reducing unsaturation.
- **Fine Chemicals**
  Producing specialty chemicals and intermediates through selective hydrogenation reactions
- **Industrial Processes**
  Manufacturing various chemicals and pharmaceuticals requiring hydrogenation reactions.
- **Research and Development**
  Investigating new catalysts and reaction conditions for efficient hydrogenation processes.

PT-145, 150, 155

CATALYTIC HYDROGENATION

LOW PRESSURE SHAKER TYPE HSN 90279020

MODEL	PT-145	PT-150	PT-155
Rate	₹ 75,950	₹ 88,950	₹ 96,950
Motor unit	H.P. 0.25 1440 R.P.M 230 VOLTS	H.P. 0.25 1440 R.P.M 230 VOLTS	H.P. 0.25 1440 R.P.M 230 VOLTS
Reaction bottle material	SS 316 grade	SS 316 grade	SS 316 grade
Reaction bottle capacity	500 ml	1000 ml	2000 ml
Supply tank material	SS 316 grade	SS 316 grade	SS 316 grade
Supply tank capacity	4 litres	5 litres	5 litres
Pressure gauge	0 to 7 kg/cm²	0 to 7 kg/cm²	0 to 7 kg/cm²
Body	Mild steel powder coated	Mild steel powder coated	Mild steel powder coated
Dimensions (L×W×H)	30 X 25 X 17 inch	34 X 27 X 18 inch	34 X 27 X 20 inch
Weight	60 Kg	70 Kg	75 Kg
Power Supply	230V, 50Hz, 1 phase	230V, 50Hz, 1 phase	230V, 50Hz, 1 phase
Working temperature	Ambient to 100 °C	Ambient to 100 °C	Ambient to 100 °C
Gas inlet assembly	2 way	2 way	2 way
Gas connecting assembly to reaction vessel	3 way	3 way	3 way

SPARE PARTS FOR CATALYTIC HYDROGENATION PT-156

MODEL NO.	ITEM	DESCRIPTION	RATE
PT-156/05	Electric heater	For heating up to 100 °C	₹ 2,750
PT-156/10	Temperature control unit	Heater operated by a knob	₹ 2,975
PT-156/15	Aluminium block	For holding 250 ml reaction bottle in place of 500 ml bottle (For PT-145)	₹ 600
PT-156/20	Aluminium block	For holding 500 ml reaction bottle in place of 1000 ml bottle (For PT-150)	₹ 800
PT-156/25	Aluminium block	For holding 1000 ml reaction bottle in place of 2000 ml bottle (For PT-155)	₹ 1,000
PT-156/30	Reaction bottle	SS 316 , 250 ml, (Pressure tested)	₹ 6,950
PT-156/35	Reaction bottle	SS 316 , 500 ml, (Pressure tested)	₹ 7,950
PT-156/40	Reaction bottle	SS 316 , 1000 ml, (Pressure tested)	₹ 9,950
PT-156/45	Reaction bottle	SS 316 , 2000 ml, (Pressure tested)	₹ 12,500
PT-156/50	V Belt	High strength rubber belt	₹ 300
PT-156/55	Silicon Bush	For 250/500 ml bottle	₹ 1,150
PT-156/60	Silicon Bush	For 1000/2000 ml bottle	₹ 1,300

EXTRACTION, DIGESTION & REACTORS

PT-435
KJELDAHL DIGESTION UNIT

(HSN Code: 84198990)

Temperature Range	AMBIENT + 10°C to 400°C
Temperature Accuracy	± 5°C
Temperature Controller	Energy Regulator
Construction	MS Powder coated
No. of Heaters	600 watt x 6
No. of Regulators	6
Fume duct	SS 304 with 6 holes
Stand for fume duct	MS powder coated
Kjeldahl Flask	500 ml long neck
Power supply	220 Volts 50 Hz

CATALOGUE NO.	DESCRIPTION	RATE (₹)
PT-435/05	Unit of 3 Test with Glass Parts (500 ml flask)	₹ **22,750**
PT-435/10	Unit of 3 Test with 3 Regulator without glass parts	₹ **19,950**
PT-435/15	Unit of 6 Test with Glass Parts (500 ml flask)	₹ **35,500**
PT-435/20	Unit of 6 Test with 6 Regulator without glass parts	₹ **29,950**



PT-435
KJELDAHL DIGESTION UNIT

PT-436
GLASS PARTS KJELDAHL FLASK

HSN 70179090

CATALOGUE NO.	DESCRIPTION	RATE (₹)
PT-436	GLASS PARTS for above Kjeldahl flasks for digestion unit borosilicate glass.	
PT-436/05	300 ml	₹ **695**
PT-436/15	500 ml	₹ **925**
PT-436/20	800 ml	₹ **1,175**
PT-436/30	Fume Duct made of Stainless Steel (3 test)	₹ **3,450**
PT-436/35	Fume Duct made of Stainless Steel (6 test)	₹ **4,500**

PT-437
KJELDAHL DRY BLOCK DIGESTION

KJELDAHL DRY BLOCK DIGESTION (40 TUBES) The dry block Kjeldahl is an economical, compact, constant temperature heating system suitable for 40 digestion tubes of 75ml. Dry blocks are particularly suitable in the laboratory for digestion, incubation, boiling & variety of industrial applications. The system comprises of a base heated dry block of metal alloy with energy regulator to control the temperature up to 400°C with pyrometer for viewing the temperature Heaters have been fixed at the beneath of the dry block duly embossed. A aluminum rack is provided to protect the test tubes. Without glass digestion tubes Power 2 kW, Single Phase, 230 Volts 50 Hz.

HSN 84198990

₹ **34,950**

PT-437/20

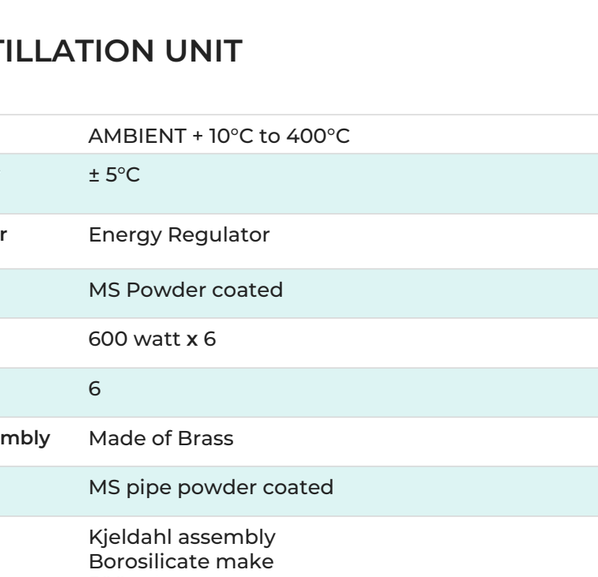
Glass digestion tubes Cap: 75 ml Borosilicate Glass (25cm × 24mm). ₹ **350**

PT-440
KJELDAHL DISTILLATION UNIT

HSN 84198990

Temperature Range	AMBIENT + 10°C to 400°C
Temperature Accuracy	± 5°C
Temperature Controller	Energy Regulator
Construction	MS Powder coated
No. of Heaters	600 watt x 6
No. of Regulators	6
Water Circulation Assembly	Made of Brass
Stand	MS pipe powder coated
Glass Assembly	Kjeldahl assembly Borosilicate make 500 ml
Power supply	220 Volts 50 Hz

CATALOGUE NO.	DESCRIPTION	RATE (₹)
PT-440/05	Unit of 3 test, 3 regulators and 3 glass assemblies	₹ **34,950**
PT-440/10	Unit of 3 test, 3 regulators without glass assemblies	₹ **23,950**
PT-440/15	Unit of 6 test, 6 regulators and 6 glass assemblies	₹ **56,950**
PT-440/20	Unit of 6 test, 6 regulators without glass assemblies	₹ **33,950**



PT-440
KJELDAHL DISTILLATION UNIT

PT-442
DISTILLATION ASSEMBLY

DISTILLATION ASSEMBLY FOR PT-440 Kjeldahl Distillation Assembly with interchangeable glass joints size B-24. Consisting of Kjeldahl flask cap. 500ml., splash head, receiver adapter and receiver flask.

HSN 84198990

₹ **3,750**

PT-442/05
SPARE HEATER PLATE WITH HEATER

HSN 84198990

₹ **1,100**

PT-445
KJELDAHL DIGESTION & DISTILLATION UNIT

One single mild steel tubular stand is provided with two heating shelves on above the other on lower portion. A fume duct and a heater box are supplied for digestion part. The heaters have individual energy regulator for temperature control. Another heater box with condenser rack made of brass rods and tubes are given for distillation part. The whole unit is electrically operated on 240 Volts AC mains, complete with cord and plug.

HSN 84198990

CATALOGUE NO.	DESCRIPTION	RATE (₹)
PT-445/05	Unit of 6 test, 6 regulators and 6 glass assemblies	₹ **89,950**
PT-445/10	Unit of 6 test, 6 regulators without glass assemblies	₹ **62,500**
PT-445/15	Unit of 3 test, 3 regulators and 3 glass assemblies	₹ **57,500**
PT-445/20	Unit of 3 test, 3 regulators without glass assemblies	₹ **42,500**

PT-448
COD DIGESTION APPARATUS

This unit is supplied with fifteen sets of glass reaction vessels 200ml and air condensers with digital temperature controller cum display. Temperature range up to 250°C. It is provided with timer up to 2 hrs to work on 220 volts AC 50 Hz, single phase.

HSN 84198990

₹ **62,950**

PT-448/05
Spare glass part set for COD digestion apparatus
Rate: P.O.R



PT-448
COD DIGESTION APPARATUS

STIRRERS, SHAKERS & GRINDERS



PT-158
VORTEX SHAKER



PT-169
FLASK SHAKER WRIST ACTION



PT-165
ROTARY SHAKERS

PT-158, PT-160 & PT-165

Rotary shakers are used for:

- **Laboratory Mixing**
  Agitating and mixing liquid or solid samples in flasks or bottles.
- **Chemical Reactions**
  Facilitating homogeneous mixing during chemical reactions and synthesis.
- **Food and Beverage**
  Mixing ingredients in food processing and beverage production for homogenization.
- **Cell Culture**
  Providing gentle agitation for cell growth and maintenance in biotechnology and microbiology.
- **Diagnostics**
  Mixing reagents and samples in diagnostic assays and tests.

PT-158
VORTEX SHAKER

(Test Tube Shaker) Vibration type, variable speed, vortex short rapid eccentric stroke and motor driven. Neoprene cap imparts vigorous agitation to tube or small flasks. Shaking starts when vessel is pressed against cup, with ON/OFF switch and indicator, vacuum rubber fitted at the bottom to prevent movement.

HSN 84798200

₹ 7,500 each

PT-160
ROTARY SHAKERS ORBITAL SHAKING

It has a uniform circular motion in horizontal plane, rotation effect ranges from a gentle rise and fall of the liquid to a vigorous swirling. All positions on the platform receive identical agitation.

HSN 84798200

CATALOGUE NO.	PLATFORM SIZE	FLASK CAPACITY	NO. OF FLASK	RPM & TIMER	RATE
PT-160/05	22" X 22"	250 ml	25	-	₹ **47,950**
PT-160/10	22" X 22"	100 ml	36	-	₹ **49,950**
PT-160/15	18" X 18"	250 ml	16	-	₹ **28,950**
PT-160/20	12" X 12"	250 ml	9	-	₹ **16,950**
Provided with digital RPM, digital timer and touch on off switches.					
PT-165/05	22" X 22"	250 ml	25	DIGITAL	₹ **57,950**
PT-165/10	22" X 22"	100 ml	36	DIGITAL	₹ **59,950**
PT-165/15	18" X 18"	250 ml	16	DIGITAL	₹ **38,950**
PT-165/20	12" X 12"	250 ml	9	DIGITAL	₹ **26,950**

PT-169
FLASK SHAKER WRIST ACTION TYPE

This mechanism is made from heavy steel sheet & finished with a thick layer of epoxy based polyester paint. This shaker can accept 4 or 8 flask up to 1000 ml capacity. The metal case is mounted on four rubber feet to absorb vibration. The electronic speed control is stepless. Supplied complete with side arms, clamps & keyed with F.H.P. motor to work on 220 volts AC, 50 Hz.

HSN 84798200

CAT NO.	ITEM DESCRIPTION	RATE
PT-169/05	To accept 4 flasks	₹ **32,950**
PT-169/10	To accept 8 flasks	₹ **34,950**

PT-173

WILLY GRINDER OR LAB WILLY MILL (ARTHUR THOMAS TYPE)

Willy grinder is provided with polished hopper with cover, three delivery sieves 20, 40 and 60 mesh respectively, plastic receiver vessel, A removeable plexiglass plate. On the face of the grinding chamber is provided which permits observation during operation. Works on 220 volts AC with 1/4 H.P. Motor.

HSN 84798200

CAT NO.	CHAMBER SIZE (IN MM)	WORKING AREA (CHAMBER & BLADES)	RATE
PT-173/05	40 X 25	Mild Steel	₹ **37,950**
PT-173/10	65 X 25	Mild Steel	₹ **39,950**
PT-173/15	100 X 50	Mild Steel	₹ **56,950**
PT-173/20	40 X 25	Stainless Steel	₹ **42,950**
PT-173/25	65 X 25	Stainless Steel	₹ **46,950**
PT-173/30	100 X 50	Stainless Steel	₹ **68,950**



PT-173
WILLY GRINDER OR LAB WILLY MILL

PT-185 TO 188

MAGNETIC STIRRER WITH HOT PLATE

Stirring Capacity	• 1, 2, 5 Litres
Plate MOC	SS 304
Cabinet MOC	Powder coated MS / SS 304
Temperature Controller	Analog / Digital
Dimension (W x D) in mm	• 150 x 150 / 190 x 190
Wattage	300 W
Power supply	220 Volts 50 Hz
Optional	- Digital RPM Display - Any specific dimensions - NABL Calibrated Controller - IQ, OQ & PQ Documentation

HSN 84198990

CATALOGUE NO.	PLATE SIZE (MM)	HEATING POWER (W)	MAX CAPACITY (L)	TEMP. CONTROLLER	RATE (₹)
Mild steel powder coated outer body					
PT-185	150 x 150	300	2	ANALOG	₹ **9,950**
PT-186	190 x 190	300	5	ANALOG	₹ **10,950**
304 Grade Stainless Steel outer body (with digital RPM display)					
PT-187	150 x 150	300	2	DIGITAL	₹ **18,950**
PT-188	190 x 190	300	5	DIGITAL	₹ **20,950**



PT-185
MAGNETIC STIRRER WITH HOT PLATE



PT-187
MAGNETIC STIRRER WITH HOT PLATE

PT-193
LABORATORY STIRRER

HSN 84790000

TECHNICAL SPECIFICATIONS

RPM	200-2500
Motor	24 V 25 W 3000 RPM
Speed regulator	Speed regulator in separate box
Standard fittings	- Height adjustable Stand - Cast iron base - SS 304 Shaft - SS 304 Blade (37 mm sweep)
Power supply	220 Volts 50Hz

CATALOGUE NO.	RPM CONTROLLER	RATE (₹)
PT-193/05	ANALOG	**₹ 16,950**
PT-193/10	DIGITAL	**₹ 21,950**



PT-193
LABORATORY STIRRER



PT-194
TISSUE HOMOGENISERS

PT-194
TISSUE HOMOGENISERS (Low Speed)

It is suitable for low speed homogenisation of tissue and also small volume low speed stirring applications. Low speed operation provides high torque for grinding and homogenising of animal or vegetable tissues. Provided with glass cup with Teflon (P.T.F.E.) pestle having stainless steel shaft, capacity 30 ml and variable speed controlled from 200 to 2400 RPM.

HSN 84798200 **₹ 17,950**

PT-196
RUBBER BUSH

For stirring (6 or 8 mm) **₹ 250**

PT-200
TEFLON PESTLE TISSUE HOMOGENISERS (GRINDER)

Consisting of piston type Teflon pestle with serrated tip fitted to a stainless steel rod and a grinding vessel of borosilicate glass for the preparation of tissue homogenates.

HSN 84798200

CATALOGUE NO.	WORKING CAPACITY	RATE (₹)
PT-200/05	5 ml	**₹ 900**
PT-200/10	10 ml	**₹ 1,250**
PT-200/15	30 ml	**₹ 1,550**
PT-200/20	55 ml	**₹ 2,025**
PT-200/25	100 ml	**₹ 2,650**

PT-205
TEFLON MAGNETIC ROTORS

CATALOGUE NO.	LENGTH X DIA	RATE (₹)
PT-205	TEFLON/P.T.F.E COATED MAGNETIC ROTORS/NEEDLES	
PT-205/05	12 X 6 MM	**₹ 165**
PT-205/10	20 X 8 MM	**₹ 185**
PT-205/15	25 X 8 MM	**₹ 200**
PT-205/20	30 X 8 MM	**₹ 250**
PT-205/25	35 X 8 MM	**₹ 300**
PT-205/30	50 X 9 MM	**₹ 425**
PT-205/35	60 X 9 MM	**₹ 550**
PT-205/40	75 X 9 MM	**₹ 650**
PT-205/50	Teflon Policeman 300mm	**₹ 1,250**

PT-210
PULVERIZER

LABORATORY PULVERIZER

TECHNICAL SPECIFICATIONS		₹ 1,65,000
Motor Capacity	3 HP	
Power supply	3 Phase, 50 Cycles, 440 Volts AC	
Disc Dia	175 mm	
Feed Size	8 mm	
Finished Product	100-150 Mesh	

PT-211
JAW CRUSHER

MECHANICAL JAW CRUSHER

MODEL NO.	PT-211/05	PT-211/10	PT-211/15
Rate	₹ 2,55,000	₹ 1,45,000	₹ 1,20,000
Motor unit	7.5 HP 3 Phase 440 VOLTS Make - Crompton	5 HP 3 Phase 440 VOLTS Make - Crompton	3 HP 3 Phase 440 VOLTS Make - Crompton
Jaw crusher size	10x12 inch	6x8 inch	4x6 inch
Input Size	100 to 150 mm	50 to 100 mm	50 mm
Output size	10 to 20 mm	5 to 20 mm	2 to 15 mm
Capacity (per hour)	1.5 Ton	500 to 600 kg	100 to 200 kg



PT-210
PULVERIZER



PT-211
JAW CRUSHER

PT-215
STUFFING BOX GLAND

All Teflon/P.T.F.E., without pulley.

HSN 39269099

CAT NO.	ITEM DESCRIPTION		RATE (₹)
	SIZE OF CONE	TO FIT STIRRER SHAFT	
PT-215/10	B-19	6 mm	₹ 725
PT-215/15	B-19	8 mm	₹ 725
PT-215/20	B-24	6 mm	₹ 895
PT-215/25	B-24	8 mm	₹ 895
PT-215/30	B-29	8 mm	₹ 1,100
PT-215/35	B-29	10 mm	₹ 1,100
PT-215/40	B-34	8 mm	₹ 1,300
PT-215/45	B-34	10 mm	₹ 1,300

PT-220
TEFLON (P.T.F.E.) BLADE STIRRERS

TEFLON (P.T.F.E.) BLADE STIRRERS: The Teflon blades can be removed and are mutually interchangeable with the glass shafts, these factors simplify assembly, cleaning and also reduce breakages. These are designed to sweep close to vessel walls and will not cause scratching.

HSN 70179090

CAT NO.	ITEM DESCRIPTION				RATE (₹)
	APPROX. SHAFT DIA. (IN MM)	SHAFT LENGTH (IN MM)	SMALLEST NECK	BLADE THROUGH SOCKET	
PT-220/05	6	450	B-19	52	₹ 575
PT-220/10	8	450	B-19	52	₹ 595
PT-220/15	6	450	B-24	76	₹ 750
PT-220/20	8	450	B-24	76	₹ 795
PT-220/25	8	600	B-24	76	₹ 825
PT-220/30	10	450	B-24	76	₹ 850
PT-220/35	8	450	B-29	100	₹ 995
PT-220/40	8	600	B-29	100	₹ 1,025
PT-220/45	10	600	B-34	100	₹ 1,100
PT-220/50	10	600	B-34	125	₹ 1,350
PT-220/55	10	600	B-50	150	₹ 1,750

PT-221
RUBBER BUSH

For stirring (6 or 8 mm).

HSN 70179090

₹ 295

PT-222
TEFLON (P.T.F.E.) BLADED STIRRERS

All Teflon Bladed Stirrer 10mm x 450mm with 75 mm Blade.

HSN 70179090

₹ 1,850

PT-585
SIEVE SHAKER (GYRATORY TYPE)

Driven by a 0.25 H.P. motor, 220 volt A.C. through a reduction gear and is suitable to carry up to 7 sieves of 6" or 8" dia. When clamped the sieve table does not rotate but is inclined from the vertical axis and the direction of inclination changes progressively in the clockwise direction. In addition to the gyratory motion of the shaker there is an upward and downward movement at a frequency of 270 r.p.m. The whole mechanism runs in oil bath and the table can be unclamped to give an additional rotary motion with timer switch.

HSN 84798200 — **₹ 44,500**

PT-585/ 01

SIEVE SHAKER - TABLE MODEL FOR 7 SIEVES OF 8" DIA

HSN 84798200 — **₹ 29,950**

PT-586
TEST SIEVES

HSN 96040000

CATALOGUE NO.	B.S.S MESH NO.	ASTM NO.	I.S.S NO.	WIDTH OF APERTURE	RATE (₹)
PT-586/05	4	5	480	4.75 MM	₹ 1,400
PT-586/10	5	6	340	3.35 MM	₹ 1,400
PT-586/15	6	7	280	2.80 MM	₹ 1,400
PT-586/20	7	8	240	2.36 MM	₹ 1,400
PT-586/25	8	10	200	2.00 MM	₹ 1,400
PT-586/30	10	12	170	1.70 MM	₹ 1,400
PT-586/35	12	14	140	1.40 MM	₹ 1,400
PT-586/40	14	16	120	1.18 MM	₹ 1,400
PT-586/45	16	18	100	1.00 MM	₹ 1,400
PT-586/50	18	20	87	850 Microns	₹ 1,400
PT-586/55	22	25	70	710 Microns	₹ 1,400
PT-586/60	25	30	60	600 Microns	₹ 1,400
PT-586/65	30	35	50	500 Microns	₹ 1,400
PT-586/70	36	40	40	425 Microns	₹ 1,400
PT-586/75	44	45	45	355 Microns	₹ 1,400
PT-586/80	52	50	30	300 Microns	₹ 1,400
PT-586/85	60	60	25	250 Microns	₹ 1,400
PT-586/90	72	70	20	212 Microns	₹ 1,400
PT-586/95	87	80	18	180 Microns	₹ 1,400
PT-586/100	100	100	15	150 Microns	₹ 1,400
PT-586/105	120	120	12	125 Microns	₹ 1,500
PT-586/110	150	140	10	106 Microns	₹ 1,600

CATALOGUE NO.	B.S.S MESH NO.	ASTM NO.	I.S.S NO.	APERTURE	RATE (₹)
PT-586/115	170	170	9	90 Microns	₹ 1,700
PT-586/120	200	200	8	75 Microns	₹ 1,800
PT-586/125	240	230	7	63 Microns	₹ 1,900
PT-586/130	300	270	6	53 Microns	₹ 2,100
PT-586/135	325	300	5	45 Microns	₹ 2,200
PT-586/140	350	325	4	44 Microns	₹ 2,700
PT-586/145	400	380	3	40 Microns	₹ 3,300

PT-587
LID AND PAN SET

Lid and pan set made of brass for above — **₹ 1,400**

PT-595
COARSE SIEVES

COARSE SIEVES 12" dia (30 cm), GI sheet frame, with steel sheet square punching.

HSN 96040000 — **₹ 1,000**

AVAILABLE SIZES (APERTURE):

125 mm	106 mm	100 mm	90 mm	80 mm
75 mm	63 mm	53 mm	50 mm	45 mm
40 mm	37.5 mm	31.5 mm	26.5 mm	25 mm
22.4 mm	20 mm	16 mm	13.2 mm	12.5 mm
11.2 mm	10 mm	8 mm	6.7 mm	6.3 mm
5.6 mm	4.75 mm			



PT-585
SIEVE SHAKER (GYRATORY TYPE)



PT-586
TEST SIEVES



PT-660
CENTRIFUGE MACHINE

PT-660 & PT-661

Centrifuge machines are used for:

- **Laboratory Research**
  Separating components of a liquid or solid mixture based on density differences.
- **Biochemistry**
  Purifying proteins, DNA, RNA, and other biomolecules.
- **Environmental Testing**
  Analyzing soil, water, and air samples for research and regulatory purposes.
- **Medical Diagnostics**
  Analyzing blood, urine, and other bodily fluids for diagnostic purposes.
- **Industrial Processes**
  Separating particles or components in manufacturing and production processes.
- **Quality Control**
  Testing and analyzing materials in various industries to ensure consistency and purity.

PT-660

CENTRIFUGE MACHINE

Centrifuge Machine Microprocessor based, digital. Body made of rust proof ABS Plastic injection moulding with metallic protection bowl. Lid Lock for safe drive. Equipped with 0-99 minute timer. 2 lines of 16 character LCD display of r.p.m., R.C.F., for set and run time. Programmable speed regulator from 500 to 4400 RPM in interval of 100 RPM. Last test parameter recall and displays automatically on LCD.

HSN 84211999 — **₹ 37,950**

TECHNICAL PARAMETERS WITH SWING OUT HEAD 15 ML 8 TUBE	
MOTOR	Universal Motor (with carbon brushes) 1/8 H.P.
DIMENSIONS OF OUTER BOX	510 x 510 x 390 mm
CURRENT	220 Volts, 50 Hz A.C

PT-661

CENTRIFUGE MACHINE

Centrifuge Machine Square Body Acrylic Top provided with 60 minutes timer and digital R.P.M controller with step control.
(Capacity of Tube 15 ml x 6 Tubes) — **₹ 19,500**

CENTRIFUGE TUBE

CATALOGUE NO.	CAPACITY	HT. X O.D	RATE (₹)
PT-680 Centrifuge Tubes : Conical bottom, plain and borosil glass (HSN: 70179090)			
PT-680/05	3 ML	76 X 10 MM	**₹ 34**
PT-680/10	5 ML	100 X 13 MM	**₹ 40**
PT-680/15	15 ML	120 X 17 MM	**₹ 52**
PT-680/20	50 ML	135 X 30 MM	**₹ 175**
PT-682 Graduated, Conical bottom, and borosil glass (HSN: 70179090)			
PT-682/05	5 ML	100 X 13 MM	**₹ 85**
PT-682/10	15 ML	120 X 17 MM	**₹ 103**
PT-682/15	50 ML	135 X 30 MM	**₹ 210**
PT-685 Conical bottom with screw cap, plain, cap. 15 ml, borosil glass			**₹ 125**
PT-689 Conical bottom, plain, borosil glass			
PT-689/05	50 ML	30 X 135 MM	**₹ 210**
PT-689/10	100 ML	45 X 110 MM	**₹ 450**
PT-690 Round bottom, graduated, Borosil Glass (HSN: 70179090)			
PT-690/05	50ML	30 X 110 MM	**₹ 190**
PT-690/10	100 ML	45 X 110 MM	**₹ 550**

PT-122
MELTING POINT APPARATUS

This apparatus is very useful in the determination of the melting point of any substance in small quantity up to 300 °C.

HSN 90314900 **₹ 5,450**

CATALOGUE NO.	ITEM'S DESCRIPTION	RATE
PT-122/10	MELTING POINT CAPILLARIES SUPERIOR QUALITY 75 MM (100 pieces pack) HSN 70179090	₹ 175
PT-122/15	MELTING POINT CAPILLARIES SUPERIOR QUALITY 100 mm (100 pieces pack) HSN 70179090	₹ 250

PT-125
PRECISION DIGITAL MELTING POINT APPARATUS

This is a compact instrument designed for accurate determinations of melting points of solid samples. The unit consists of a built-in magnetic stirrer, an electronic controller for adjusting the rate of heating of silicon oil bath, an ON/OFF switch, a pilot lamp, magnifier, a glare free illuminated background , a HIGH/LOW range selector switch and a digital temperature indicator with PT-100 sensor. The outer body is made of 304 grade stainless steel.

The range of the apparatus is from about 2°C above room temperature up to 300 °C, with readability 1°C. The apparatus is supplied with 175 ml. silicone oil for use up to 300 °C and a box of capillaries.

HSN 90314900 **₹ 32,950**



PT-122
MELTING POINT APPARATUS



PT-125
PRECISION DIGITAL MELTING POINT APPARATUS

PT-130
ANAEROBIC CULTURE JAR B.T.L TYPE

Modified McIntosh and Fildes pattern, all metal construction consisting of a stainless steel jar with a top flange recessed for a toroidal rubber sealing ring and a cover held in place by a strong bridge clamp. The cover is fitted with two needle valves for evacuation and a sachet containing a catalyst. A side arm on the jar is provided for connecting to semi-solid Lucas indicator.
(The jar is supplied without semi-solid Lucas indicator). With Pressure cum Vacuum Gauge.

HSN 90279090 **₹ 11,950**

CATALOGUE NO.	ITEM'S DESCRIPTION	RATE
	REPLACEMENT PARTS OF ANAEROBIC JARS	
PT-130/05	Catalyst in monel sachet	₹ 1,500
PT-130/10	Rubber sealing ring	₹ 200

PT-132
CULTURE JAR ANAEROBIC (POLYCARBONATE)

Modified McIntosh and Fildes pattern, for the safe growth of anaerobes by utilising a catalyst which is active above tightening 0° C. The heavy polycarbonate jar 23 cm, high x15cm. dia has top surface ground flat and the metal cover fitted with a torodial sealing ring is held in place by hand tightening only. The cover is fitted with two needle valves for evacuation and filling and a sachet containing the catalyst With Pressure Gauge.

HSN 90279090 **₹ 22,950**



PT-130
ANAEROBIC CULTURE JAR B.T.L TYPE



PT-132
CULTURE JAR ANAEROBIC (POLYCARBONATE)

ANALYTICAL & MEASURING INSTRUMENTS



PT-800
pH-METER



PT-825
DIGITAL TDS/CONDUCTIVITY METER

PT-800 & PT-825

Applications of a pH Meter:

- **Environmental Monitoring**
  Measures water quality in rivers, lakes, and oceans.
- **Food and Beverage**
  Ensures product quality and safety.
- **Clinical Uses**
  Analyzes bodily fluids for medical diagnostics.
- **Agriculture**
  Tests soil pH for optimal crop growth.
- **Pharmaceuticals**
  Used in drug formulation and quality control.
- **Laboratory Research**
  Essential in experiments where pH affects outcomes.

PT-800 pH METER

HSN 90278090 — **₹ 15,950**

PARAMETER	PH	MV
RANGE	0.00 to 14.00 pH	0 to 1999.9 mV
RESOLUTION	0.01pH	1 mV
ACCURACY	±0.01 pH	± 1mV
DISPLAY	3½ Digit LED	
TEMP COMPENSATION	Manual : 0 to 100 °C	
INPUT IMPEDANCE	> 10 ohms	
SLOPE CONTROL	80 to 120%	
RECORDER OUTPUT	0 to 10 mV/pH Adjustable 0 to 10 mV/100 mV Adjustable	
POWER	230 V ±10% AC, 50Hz	
DIMENSIONS	275 x 175 x 76 mm (L x B x H)	
SENSOR	Combined pH Electrode	

CATALOGUE NO.	DESCRIPTION	RATE (₹)
PT-810	Spare pH Combined Electrode 0-14 pH(HSN 90275090)	₹ 975
PT-820	Stand for electrode (HSN 90279090)	₹ 375

PT-825 DIGITAL TDS/CONDUCTIVITY METER

HSN 90278090 — **₹ 15,950**

TECHNICAL SPECIFICATIONS

Range	COND. 200 µS to 1000 mS in 5 ranges. TDS - 200ppm to 1000 ppt in 5 ranges. All ranges start from zero “0”
Accuracy	±0.3% F.S. 200 Micro Mhos/cm to 200m/
Mhos/cm.	±1% FS. In last range 1000m Mhos/cm.
Resolution	Mhos : 0.1 Micro mhos/cm
MEASURING	
Frequency	1000 Hz
TEMPERATURE	
Compensation	0 to 50°C
Cell Constant	0.4 to 1.5 adjustable
Function Selector	CHECK/TDS./ COND./CELL CONST.
CAL Function	For full scale adj. (at back panel) Select at CHECK Position
Digital Display	3 ½ digit LED display
Power Supply	220 V ± 10%, 50 Hz AC
Dimension	L275 x B 175 x H 75 mm
Weight	2 Kg

10

ANALYTICAL & MEASURING INSTRUMENTS



PT-830
DIGITAL TURBIDITY METER



PT-835
DIGITAL D.O METER

PT-830 & PT-835

Applications of a Turbidity Meter:

- **Water Quality**
  Assesses clarity in lakes, rivers, and reservoirs.
- **Drinking Water**
  Ensures safety by detecting impurities.
- **Industry**
  Ensures liquid clarity in manufacturing processes.
- **Wastewater Treatment**
  Evaluates treatment efficiency.
- **Aquaculture**
  Monitors water quality for fish farming.
- **Environmental Research**
  Studies sediment levels and erosion.

PT-830 DIGITAL TURBIDITY METER

HSN 90278090 ₹ 18,950

TECHNICAL SPECIFICATIONS

Model	Digital Turbidity Meter
Display	3 1/2 Digital LED
Detector	Photocell/ Photodiode
Range	0 to 1000 NTU in 2 Ranges
Resolution	1 NTU
Accuracy	±3 % FS ±1 digit
Sample System	60 x 25 mm Clear Glass Test Tube
Light Source	LED
Power	230 V ±10 %, 50Hz AC
Dimensions	280 x 175 x 110 mm
Accessories	• Test tubes set • Operation Manual • Dust Cover
Salient Features	• Display- 3 1/2 digit LED • 30 mm flat bottom test tube • Range 0-1000 NTU • Range 0-200 NTU (optional) • Highly Stable & Accurate

PT-835 DIGITAL D.O METER

HSN 90278090 ₹ 19,500

TECHNICAL SPECIFICATIONS

Range	0 to 20.0 ppm
Temperature	0 to 100 °C
Resolution	0.1 ppm
Accuracy	0.1 ppm ± 1 count
Temp. Compensation	0 °C to 50 °C manual
Compensation	±3%
D.O Sensor	amperometric gold/silver membrane type

GENERAL

Display	3 1/2 digit LED Display
Power	230 V A.C 50 Hz
Weight	2 kg

PT-859

DIGITAL COLONY COUNTER

Colony counter is ideal for rapid, accurate counting and recording of bacterial & mould colonies in biology, zoology bacteriology, pathology laboratories of any place where colony counting is a regular routine. Colony counter grid is illuminated with fluorescent lamp for uniform cool light illumination and is provided with a magnifying glass of ease of viewing special pen-type probe allows marking on Petri dish with an audio beep and counting simultaneously. Counting is registered on 4 digit resettable digital counter.

HSN 90318000 **₹ 18,950**

Counter	4 digit (9999 counts) resettable digital counter with audio beep at every count
Probe	Auto Marker Pen probe for marking and counting simultaneously
Grid	Wolffuegel Grid glass plate
Illumination	Uniform glare free illumination by cool fluorescent tube light
Magnification	100mm diameter Magnifying Lens
Dimension	250 W x 310 D x 13 mm H
Weight	4.5 kg approx.

PT-860

PETRI PLATTER

For above (Manual) **₹ 795**



PT-859
DIGITAL COLONY COUNTER

PT-1520

CLINICAL MICROSCOPE

HSN 90118000

MODEL	PT-1520
Eye Pieces	H 10x and H 15x
Objectives	Achromatic 10x and 45x
Magnification	100x to 675 x
Rate	**₹ 8,950**

PT-1550

PATHOLOGICAL / MEDICAL MICROSCOPE

PATHOLOGICAL/MEDICAL MICROSCOPE With attachable mechanical stage for X and Y movements up to 50 and 75mm. Sub-stage condenser N.A 1.3 and iris diaphragm moveable rack and pinion motion.

HSN 90118000

Eye Pieces	H 5x, H10x or H 15x
Objectives	Achromatic 10x, 45x and 100x (SL) Oil immersion
Magnification	50x to 1000 x
Rate	**₹ 13,950**

PT-1580

BINOCULAR RESEARCH MICROSCOPE

BINOCULAR RESEARCH MICROSCOPE Advanced, with attachable mechanical stage, binocular head rotatable to 360° with built in light & transformer.

HSN 90118000

Eye Pieces	H 5x or H 15x & H10x (W/F paired)
Objectives	Achromatic 5x, 10x, 45x and 100x (SL) Oil immersion
Magnification	50x to 1500 x
Rate	**₹ 24,950**



PT-1580
BINOCULAR RESEARCH MICROSCOPE

ANALYTICAL & MEASURING INSTRUMENTS



PT-4120

Applications of Infrared Moisture Balance:

- **Food**
  Checks moisture in ingredients and products.
- **Chemicals**
  Monitors moisture in raw materials and products.
- **Textiles**
  Controls moisture in fabrics and fibers.
- **Pharmaceuticals**
  Ensures drug stability by measuring moisture.
- **Agriculture**
  Assesses moisture in grains, seeds, and soil.
- **Environmental**
  Measures soil moisture for studies.

PT-4115
DIGITAL TOP PAN BALANCE

MODEL	CAPACITY/gms	SENSITIVITY MILLIGRAM	SENSITIVITY/ gms	RATE
PT-4115/05	1200	100	0.1	₹ **15,000**
PT-4115/10	600	10	0.01	₹ **17,500**
PT-4115/15	220	1	0.001	₹ **59,950**
PT-4115/20	220	0.1	0.0001	₹ **1,20,000**

PT-4120
INFRARED MOISTURE BALANCE

The Infrared Moisture Balance is an instrument for measuring the moisture content of materials that do not change their chemical structure while losing water under exposure to Infrared radiation. This instrument is widely used for testing soils used in construction, agriculture soils, chemicals, raw materials, foods, pharmaceuticals, plastics and similar materials.

Since drying and weighing are simultaneous the Infrared Moisture Balance is especially useful for determining the moisture percentage in substances that quickly reabsorb moisture after drying. The input power to the Infrared lamp can be continuously varied from 0 to 250 watts. As a result greater penetration of heat is possible than in conventional methods. The balance scale is divided directly in moisture percentages from 0 to 100% in 0.2% division. A thermometer is provided for estimating the temperature of the drying chamber.

HSN 90318000

MODEL	DESCRIPTION	RATE
PT-4120/05	5 gms	₹ **25,950**
PT-4120/10	10 gms	₹ **26,950**
PT-4120/15	25 gms	₹ **27,950**

10

PT-1800
ROTARY MICROTOME

MICROTOME ROTARY As per Erma Japan, complete with razor etc.

Microtome Knife: 120 mm · **Feed Adjustment:** 1–25 µm · **Minimum Section Thickness:** 1 µm

HSN 90279010 **₹ 39,950**

PT-1810
SENIOR ROTARY MICROTOME

SENIOR ROTARY MICROTOME As per Spencer 820, complete with razor etc.

Feed Adjustment: 1–25 µm · **Minimum Section Thickness:** 1 µm · **Total Feed Excursion:** 28 mm
Object Holder: 3 · **Microtome Knife:** 120 mm

HSN 90279010 **₹ 57,950**

MODEL	DESCRIPTION	RATE
PT-1810/10	Microtome knife made of carbon steel with back handle, size 120mm	₹ 3,950
PT-1810/15	Microtome knife made of carbon steel with back handle, size 160 mm	₹ 4,950



PT-1810
SENIOR ROTARY MICROTOME

PT-4122
WEIGHT BOXES

ANALYTICAL WEIGHT BOX WITH CALIBRATION CERTIFICATE BY (N.A.B.L. AUTHORIZED LABORATORY) reading of every individual weight 1 mg to 200 gm. (Accepted by ISO 9000 Centification agencies)

HSN 84198990 **₹ 11,950**

PT-4125
ANALYTICAL WEIGHT BOX

ANALYTICAL WEIGHT BOX Made of stainless steel packed in polished wooden box with fractional weights and forceps. Class 'A', with works certificate having value of each weight.
HSN 84239010

MODEL	DESCRIPTION	RATE
PT-4125/05	Cap. 1 mgm to 20 gms	₹ 2,100
PT-4125/10	Cap. 1 mgm to 50 gms	₹ 2,300
PT-4125/15	Cap. 1 mgm to 100 gms	₹ 2,500
PT-4125/20	Cap. 1 mgm to 200 gms	₹ 3,975



PT-4125
ANALYTICAL WEIGHT BOX

PT-4130
ANALYTICAL WEIGHT BOX

Made of brass, chrome plated packed in polished wooden box with fractional weights and forcep. Class 'A' as per I.S. specifications, with works certificate having value of each weight.

HSN 84239010

MODEL	DESCRIPTION	RATE
PT-4130/10	Cap. 1 mgm to 50 gms	₹ **2,300**
PT-4130/15	Cap. 1 mgm to 100 gms	₹ **2,500**
PT-4130/20	Cap. 1 mgm to 200 gms	₹ **3,750**

PT-4140
PHYSICAL WEIGHT BOX

Made of brass, nickel plated with forceps and polished wooden case.

HSN 84239010

MODEL	DESCRIPTION	RATE
PT-4140/05	Cap. 1 mgm to 100 gms	₹ **1,500**
PT-4140/10	Cap. 1 mgm to 200 gms	₹ **2,100**
PT-4140/15	Cap. 1 mgm to 500 gms	₹ **4,450**
PT-4140/20	Cap. 1 mgm to 1000 gms	₹ **7,500**
PT-4140/25	Cap. 1 mgm to 2000 gms	₹ **13,950**

PT-4150

ANALYTICAL FRACTIONAL WEIGHTS

Class 'A' in a round plastic box without forcep.

HSN 84239010 ₹ **1,300**

PT-4155

ANALYTICAL FRACTIONAL WEIGHTS

Class 'B' in a round plastic case.

HSN 84239010 ₹ **400**

PT-9020
MOISTURE METER

Micro controller based Agro type, with rugged mechanical construction accurate moisture content is direct readable on 3 digit L.E.D. display. Temperature and conductivity are automatically compensated for final moisture percentage reading. No conversion table is needed. The whole instrument is protected in wooden box.

SPECIFICATION	
Range	8-40%
Accuracy	+ 0.2 %
Dimension	31 x 18 x 19 cm.
Weight	10 kg. without box
Workable on 220V 50 Hz or Battery operated	₹ **27,500**

PT-9030
DIGITAL MOISTURE METER

DIGITAL MOISTURE METER (Die Cast Aluminum Body): Micro controller based universal type, with rugged mechanical construction, accurate moisture content is direct readable on 3 digit L.E.D. display. Temperature and conductivity results are automatically compensated for final moisture percentage reading.
No conversion table is needed.

SPECIFICATION	
Range	8-40%
Accuracy	+ 0.2 %
Dimension	40 x 32 x 17 cm.
Weight	22 kg.
Mains 230 V, 50 Hz or Battery operated	₹ **42,950**



PT-9030
DIGITAL MOISTURE METER

PT-9050
DIGITAL MOISTURE METER FOR WOOD

Microprocessor based, Digital, high accuracy portable instrument, workable on battery cells, complete with probe automatic temperature compensation.

SPECIFICATION	
Range	8-40%
Accuracy	± 0.3%
Operating	6 Battery cells
	₹ **18,950**

PT-9060
MOISTURE METER FOR SOIL DIGITAL

The instrument is for detecting saturation percentage of water in soil. It is workable on 9 V battery, with 3.5 digit display, complete with 20 cm electrode and wooden box.

SPECIFICATION	
Range	0 - 100 Saturation%
Accuracy	± 0.5%
Dimension	22 x 10 x 10cm.
Operation	Battery 9v x 2
Electrode Size	20 cm
Display	L.C.D. 3.5 Digit
	₹ 9,950



PT-9050
DIGITAL MOISTURE METER FOR WOOD



PT-9060
MOISTURE METER FOR SOIL DIGITAL

PT-463
ABBE REFRACTOMETER

Designed for accurate and quick examination of the Refractive index, Mean dispersion of liquids, solids and powder

Range	ND 1.300 to ND 1.700 in step of 0.001
Accuracy	± 0.0002
Sugar (Percentage)	0 to 95% in steps of 1 division
Accuracy	0.5%
Temperature	0 - 100°C

The body of the instrument is fixed having a leaning of 60°, correct refractive index and sugar percentage can be read directly in the field. It consists of a Abbe double prism compensator, telescope mirror limb, graduated, sector, reading, magnifier and a radial arm which carries a vernier. Abbe's double prisms leaves a narrow space (about 0.1 mm.) between the adjoining faces of prisms and compensator consists of the Amici prisms which serves for rendering the line of achromatic separation. A thermometer is fitted on the double prism.

HSN 90275020 ₹ **16,950**

PT-463/05
CIRCULATED WATER BATH WITH DIGITAL TEMPERATURE CONTROLLER

Abbe double prisms are heated by a double jacketed water bath in which warm water under 70°C circulates. The temperature of the water can be adjusted and read by the thermometer fitted on the double prism.

HSN 84198990 ₹ **15,950**



PT-463/05
CIRCULATED WATER BATH



PT-463
ABBE REFRACTOMETER

PT-464
BUTYRO REFRACTOMETER

This instrument can be used for measurement of fats in ghee and other such products giving a reading directly in terms of the oil scale also known as butyro scale. The micrometer eye-piece allows an accuracy on this scale of 0.1 and the oil scale may also be converted into a refractive index scale using conversion tables. This allows measurements on materials with index of refraction in the range of 1.42 to 1.49 with an accuracy of 0.0002 as tables are supplied for converting oil scale reading into index of refraction, relative to mean sodium lines. The prism box is water jacketed for temperature control and a sample achromatising device enables the removal of all colours from the border line thus enabling the instrument to be used with white light. The instrument is provided with a test liquid for checking and resetting the scale if necessary and is encased in a portable wooden box. Refraction range from 1.42 to 1.49 with accuracy of 0.0002 fitted with sugar and oil scale, sugar scale 50-80% and oilscale 0-100%.

HSN 90275020 **₹ 14,950**

PT-465
HAND REFRACTOMETER

(ERMA MADE IN JAPAN)

HSN 90275090

CATALOGUE NO.	DESCRIPTION	RATE (₹)
PT-465/05	0-32 %	₹ **2,895**
PT-465/10	0-50 %	₹ **2,995**
PT-465/15	28-62 %	₹ **3,150**
PT-465/20	58-92 %	₹ **3,350**



PT-465
HAND REFRACTOMETER



PT-464
BUTYRO REFRACTOMETER

PT-470
STUDENT POLARIMETER

Consists of Laurent half shade, polariser, analyser, brass scale graduated from 0 to 360° or 0 - 180° with vernier reading 6" and accommodates a 200 mm. glass tube. It is packed in a cardboard box.

HSN 90275030 **₹ 6,950**

PT-480
RESEARCH POLARIMETER

Used in medical, pharmaceutical and chemical research laboratories. Consists of an imported half shade nicol polariser, analyser, 100 mm. diameter circular scale divided in degrees 0-360° × 1° and a sugar scale divided -30° to + 130° x 1° ISS, a divided micrometer drum is given to read 0.05° (3 minutes) and 0.1° ISS, the scale is properly illuminated for taking readings, the body is very sturdy and separate sodium lamp stand is provided. Complete with polarimeter tube, bubble traps at the centre, 200mm sodium lamp with stand and transformer.

HSN 90275030 **₹ 49,950**

PT-490
RESEARCH POLARIMETER (400 MM TUBE)

Same as PT-480 but with 400 mm. tube with sodium lamp, stand and transformer.

HSN 90275030 **₹ 88,950**



PT-480
RESEARCH POLARIMETER

PT-500 POLARIMETER TUBES

Screw Caps and cover glasses, packed in velvet case.

HSN 70179090

CATALOGUE NO.		DESCRIPTION	RATE (₹)
PT-500/05	Length	100 mm, with centre bulb	₹ 1,275
PT-500/10	Length	200 mm, with centre bulb	₹ 1,375
PT-500/20	Length	400 mm, with centre bulb	₹ 1,475
With centre opening, with metallic screw caps and cover glasses. Packed in velvet case.			
PT-505/05	Length	100 mm, with centre cup	₹ 1,325
PT-505/10	Length	200 mm, with centre cup	₹ 1,425
PT-505/20	Length	400 mm, with centre cup	₹ 1,525

PT-550 CARBON AND SULPHUR APPARATUS

CATALOGUE NO.	DESCRIPTION	RATE (₹)
PT-550	Consisting of a transformer 20 AMP (Series Model), S.S. furnace insulated with ceramic fibre and a wooden frame for glass parts.Thermo - couple Pt/Re, Pyrometer etc. (HSN 90279020)	₹ 54,950
PT-552	With digital temperature indicator (HSN 84198990)	₹ 68,950
SPARE GLASS PARTS HSN 70179090		
PT-555/05	Absorption vessel with 3 valves of KOH	₹ 3,950
PT-555/10	Carbon Burette Double Walled inner tube is permanently graduated with one valve at the top of the burette Size 0.25 %	₹ 3,950
PT-555/15	Size 0.5 %	₹ 3,950
PT-555/20	Size 1.5 %	₹ 3,950
PT-555/25	Size 4.5 %	₹ 3,950
PT-555/30	Stopcock C bore, T shape	₹ 850
PT-555/35	Stop cock L shaped Long glass tube with twin bore stopper	₹ 850
PT-555/40	Oxygen purifying assembly	₹ 850
PT-555/45	View Bulb for combustion tube	₹ 90
PT-555/50	Spiral Cooling condenser	₹ 750
PT-555/55	Aspirator Bottle (Levelling Bottle) for carbon burette cap. 1 litre	₹ 1,495
PT-555/60	Thermometer alcohol filled up to 50 °C	₹ 100
PT-555/65	Sulphur Burette 4 ml	₹ 1,300
PT-555/70	Titration Vessel 100 ml	₹ 1,350
PT-555/75	Silicon Carbide Rod	₹ 1,100
PT-555/80	Combustion Tube 24 x 600 mm	₹ 1,295
PT-555/85	Combustion Tube 22 x 600 mm	₹ 1,295
PT-555/90	Combustion Boats	₹ 20

LABORATORY EQUIPMENT

PT-1105
CONICAL PERCOLATOR (STAINLESS STEEL) HSN 9018
Capacity 1000 ml with lid, drain cock, stainless steel sieve on 3-legged stand, jointless. **₹ 1,350**

PT-1110
TINCTURE PRESS HSN 9018
Extra heavy for making tinctures, decoction, infusions etc., capacity 1 litre, stainless steel disc with screw drive and a stainless steel inner perforated vessel. **₹ 5,950**

PT-1115
HAND GRINDING MILL HSN 8210
Table fixing with hardened grinding discs, provision for coarse and fine grinding. **₹ 3,450**

PT-1125
BALL MILL MOTOR DRIVEN HSN 90181100
Capacity 2 kg, a compact unit built on a metal platform, with geared motor which revolves a drum and contains a stainless steel vessel (capacity 2 kg) and the drum rotates on brackets. Complete with set of balls, main lead and plug. Works on 220 volts AC. **₹ 19,950**

PT-1130
TABLET MAKING MACHINE (HAND OPERATED
Single punch for making tablets up to 1000 mg. as per size of die and punch 6,9 and 12mm. Automatic compression and ejection device with each revolution of the wheel drive, automatic feed and removal of tablets. Built on a heavy cast body with eccentric pressure system, stainless steel hopper provided and connected by a rubber tube, easy setting for thickness and hardness of tablets with nuts and locknuts and set of two spanners. Die and set of punches are of chromium steel, fitted on stand. HEAVY MODEL.
HSN 90279020 **₹ 42,500**

PT-1131
TABLET MAKING MACHINE (ELECTRICALLY OPERATED)
Tablet making machine (electrically operated)
HSN 90279020 **₹ 69,950**

PT-1135
SPARE DIE & PUNCHES HSN 8479
Extra die and punches of chrome steel of sizes 6,9 and 12 mm. are provided at an extra cost (any one size). **₹ 3,000**

PT-1140
TABLET COATING PAN HSN 902730
12" dia., stainless steel, the machine is worked by oil immersed gear box with F.H.P. motor drive. Air blower is operated independently and air is thermostatically controlled to give temperature 30 to 100 degree C. Switches for motor, blower, heater and thermostat are fixed on a panel with neon indicators. Also mains lead with 15 Amp plug provided. **₹ 34,950**

PT-1145
POLISHING PAN HSN 9018
Detachable polishing pan for use with coating pan made of mild steel provided with inner lining of superior canvas cloth. Inner dia. 12", high 8" with opening 7" dia neck. **₹ 7,950**

PT-1150
TABLET HARDNESS TESTER (MONSANTO TYPE)

A fairly handy instrument for taking quick readings for the hardness of tablets. It is made of brass turned parts, heavily chrome plated, the scale is of 0 to 20 kg and the index mark and division is in 1 kg reading. Scale adjustable for zero setting as per size of the tablets.

HSN 90248099 **₹ 5,450**

PT-1151
TABLET HARDNESS TESTER (PFIZER TYPE)

A handy, tough and direct dial reading type tablet hardness tester, working as pair of pliers, generates breaking force in single grip. The instrument offers accurate and reproducible results much faster than other conventional hardness testers.

HSN 90248099 **₹ 15,950**

SPECIFICATIONS

Accuracy	±0.2 kg
Least Count	0.2 kg
Safe testing force	20 kg
Maximum tablet diameter	25 mm



PT-1150
TABLET HARDNESS TESTER (MONSANTO TYPE)



PT-1151
TABLET HARDNESS TESTER (PFIZER TYPE)

PT-1155
DISINTEGRATION APPARATUS

I.P Standard, USP and B.P Standard.
This apparatus is provided with double basket and water bath with digital temperature controller and digital time totalizer (9 hour 59 min 59 sec). The guide discs & strokes are conforming to pharmacopoeial standards.

HSN 84798200 **₹ 89,000**

SPECIFICATIONS

Displacement	50 to 60 mm
RPM	28 to 32 RPM
Motor Single	1/6 HP
Water Bath	Digital

MODEL	DESCRIPTION	RATE
PT-1155 F	Spare Basket with disk and glass tubes	**₹ 4,950**
PT-1155 G	Spare Glass Tubes	**₹ 110**
PT-1155 H	Spare Disk	**₹ 150**



PT-1155
DISINTEGRATION APPARATUS

PT-1167

BULK DENSITY APPARATUS

The bulk density apparatus offers a simple and standard means of measuring the bulk density of powders, granules and similar products.

HSN 90278090

₹ 39,500

SPECIFICATIONS

RPM Display	Manual
Motor	1/6 HP
Measuring Cylinder	50 ml
Power	AC/230 Volts/ Single Phase

PT-1167 A
BULK DENSITY APPARATUS PROVIDED WITH DIGITAL REVOLUTION COUNTER

Bulk density apparatus provided with digital revolution counter **₹ 58,000**

HSN 90278090



PT-1167
BULK DENSITY APPARATUS

PT-1170

DIGITAL DISSOLUTION TEST APPARATUS

(AS PER IP/BP/USP STANDARD)

The apparatus is suitable for testing of dissolution rate of tablets & capsules. It consists of main transparent acrylic tank, housing thermostatically controlled immersion heater, drain cock & transparent hemispherical unbreakable vessel. The base unit is made of chemical resistant powder coated sturdy frame, housing control panel, which includes digital rpm indicator with electronic regulator & microprocessor drive.

An electronic motor is mounted on chrome plated rod, operates paddle/basket at preset rpm.

HSN 8479

₹ 42,950

SPECIFICATIONS

RPM Display	3 digit LED
RPM Accuracy	±2 %
Motor	Electronic Motor
Heater	500 Watts
Temp.	37 ± 0.5 °C
Power	AC/230 Volts/ Single Phase



PT-1170
DIGITAL DISSOLUTION TEST APPARATUS

PT-1175
TABLET FRIABILITY TEST APPARATUS

This apparatus is designed to determine the abrasion rate & impact hardness of tablet. Transparent acrylic drums rotated by superior quality constant speed sturdy motor, mounted in painted sheet metal cabinet with chemical resistant powder coating. **₹ 31,000**

HSN 90275090

SPECIFICATIONS

Speed	25 ±1 rpm
Motor	1/8 HP
Power	AC/230 Volts/50 Hz/ Single Phase

MODEL	DESCRIPTION	RATE
PT-1175 A	Tablet friability test apparatus provided with two transparent acrylic drum.	**₹ 45,000**
PT-1175 B	Tablet friability test apparatus provided with digital revolution counter with single drum (HSN 84798200)	**₹ 51,000**
PT-1175 C	Tablet friability test apparatus provided with digital counter with double drum	**₹ 65,000**

PT-1180
COLLAPSIBLE TUBE FILLING MACHINE

HSN 9018

Stroke type, barrel and piston arrangement with stroke setting for various capacity of filling of tubes (from 5 gms to 50 gms) and a detachable nozzles provided for each separate capacity. All contact parts are of stainless steel, built on cast iron body and hand lever operated. **₹ 14,950**



PT-1175
TABLET FRIABILITY TEST APPARATUS

PT-1185
TUBE CRIMPING AND SEALING MACHINE

Hand lever sliding movement with toothed jaws, spring action release of jaws and a robust construction.

HSN 9018 **₹ 5,500**

PT-1190
AMPULE WASHING DEVICE

Jet needle type, consists of 6 stainless steel needles, jet fixed on a stainless steel pipe of 12.5 mm. dia. with side tap and serrations for fixing rubber tube with tap water. Spring loaded ampule holding arrangement for various sizes of ampules and a stainless steel bottom tray on the stand. **₹ 8,500**

PT-1196
AMPULE FILLING AND SEALING DEVICE MOTOR OPERATED

Motor operated spring type device is provided with automatic in take and out flow of fluid and all contact parts of borosil glass, giving ten ampules per minute capacity of filling adjustable from 1 ml to 50 ml fitted with gas burner but without gas cylinder.

HSN 84223000 **₹ 19,950**

PT-1197
BOTTLE WASHING MACHINE

Bottle washing machine is made of sturdy mild steel sheet and covered with thick layer of epoxy based powder coating paint. It is having variable control up to 1500 RPM. A drill chuck is fitted for the alignment. A special acrylic cover and enamel tray is provided for protection. It can wash up to 2000 ml bottle.

HSN 84223000 **₹ 18,950**

PT-1200
SINTERED GLASS CRUCIBLES

HSN 70179090

Made from Borosilicate Glass, capacity 30 ml.

MODEL	GRADE	RATE
PT-1200/05	G-3	₹ 95
PT-1200/10	G-4	₹ 95
PT-1200/15	G-5	₹ 95

PT-1205
ASEPTIC CABINET

Size 95 x 50 × 50 cms. M.S. structure with sloping front, acrylic front and side doors (fully visible, transparent), 3' germicidal ultra-violet tube and 2' fluorescent tube for white light, with necessary choke ballast, starter and switches. Also mains lead, plug and two holes with rings and sleeves for insertion of arms are provided.

HSN 9018 ₹ **28,950**

PT-1210
ASEPTIC CABINET

Same as above but of smaller size with 1½' (15 watt U.V tube).

HSN 9018 ₹ **15,500**

PT-1225
CLARITY TEST EQUIPMENT FOR AMPULES

Milk white and black screen fitted on a base board with diffused light arrangement, overall dimensions are 24 x12 × 18, a stainless steel upright with adjustable slide arm and clamp for holding a magnifier is provided. Complete with magnifier, mains cord and plug for light.

HSN 9027 ₹ **5,950**

PT-1227
CAPSULE FILLING & SEALING MACHINE

HSN 843880

For 100 capsules ₹ **44,950**

PT-1230
LEAK TEST APPARATUS

This mechanism is suitable for leakage test in medicine strips and sachet of tablets, capsules or powders.

CONSTRUCTION

The unit is made of 304 grade stainless steel sheet provided with vacuum desiccator oil free vacuum pump, vacuum gauge with stop cock and timer switch. Working chamber 8". ₹ **29,950**

HSN 90279090

PT-1231 LEAK TEST APPARATUS WITH WORKING AREA 12" ₹ **38,950**

PT-1235
SUPPOSITORY MOULDS

HSN 90279090

Made from brass/gun-metal, machine made perfect shapes, smooth and polished cavities, nickel plated and various capacities with a number of moulds in each set.

MODEL	CAPACITY		RATE
PT-1235/05	1 gm (15.4 grain)	4-moulds set	₹ 1,100
PT-1235/10	1 gm (15.4 grain)	6-moulds set	₹ 1,300
PT-1235/15	1.5 gm (23.1 grain)	4-moulds set	₹ 1,100
PT-1235/20	1.5 gm (23.1 grain)	6-moulds set	₹ 1,300
PT-1235/25	2 gm (30.9 grain)	4-moulds set	₹ 1,200
PT-1235/30	2 gm (30.9 grain)	6-moulds set	₹ 1,400

PT-1240
OINTMENT SPATULA OR DRUG SPATULA

Made from imported stainless steel, 6" x 1" wide blade, stout, flexible and with handle. ₹ **120**

PT-1250
DISPENSING BALANCE

Cap. 50 gms., with S.S. pans. ₹ **2,150**



PT-1230
LEAK TEST APPARATUS



PT-1285
FLOCCULATOR ALUM JAR TEST APPARATUS

PT-1280 & PT-1285

Applications of Jar Test Apparatus:

- **Water Treatment**
  Determines the best coagulant dose.
- **Industry**
  Optimizes chemical use in process water.
- **Research**
  Develops and studies new treatment methods.
- **Wastewater Treatment**
  Evaluates contaminant removal efficiency.
- **Environmental Monitoring**
  Tests water quality and treatment.

PT-1252
DISPENSING BALANCE

Same as PT-1250, cap. 100 gms. ₹ **2,250**

PT-1255
FILTRATION APPARATUS

Consisting of sintered funnel fitted in a filtration flask, with vacuum pump and pressure rubber tube.
₹ **23,950**

PT-1275
ANTIBIOTIC ZONE READER

Antibiotic zone reader is very sturdy model. It is very compact and designed for measuring the diameter of finished zone in a Petri dish, for determining the strength of antibiotic materials. This antibiotic zone reader measures the diameter of the inhibited zone within range of 0 to 35mm with an accuracy of 0.2mm. The light from the inside source of the base passes up through the transparent and semitransparent of the agar then to a glass prism mounted at the magnified image of the zone of inhibition is clearly visible on the prism.

HSN 90314900 ₹ **24,950**

PT-1280
FLOCCULATOR ALUM JAR TEST APPARATUS

Designed for flocculator formation tests in water treatment plant with variable speed from 25 to 100RPM with FHP geared motor. Special Light arrangement at Bottom capacity 6 stirrier for 1 liter vessel.

HSN 90318000 ₹ **29,950**

PT-1285
FLOCCULATOR ALUM JAR TEST APPARATUS (DIGITAL)

Designed for flocculator formation tests in water treatment plant with variable speed from 25 to 100RPM with FHP geared motor. Special Light arrangement at Bottom capacity 6 stirrier for 1 liter vessel with digital RPM and digital timer.

HSN 90318000 ₹ **39,950**



PT-455
PORTABLE AUTOCLAVE



PT-457A
AUTOCLAVE, DIGITAL
WING NUT LOCKING

PT-457 SPECIFICATIONS

MOC Exterior	SS 304 (mirror finish)
Number of walls	Double
Lid	SS 304
Interior	SS 304 with silicone gasket
Working Pressure	15 to 20 psi
Working Temperature	121 °C
Pressure Display	Analog Dial Gauge
Basket	Stainless Steel Basket
Power Supply	220 Volts 50 Hz
Standard Fittings	• Steam release valve • Water outlet valve • Spring loaded safety valve • Power cable with three pin top • Wing nut locking
Optional Accessories	• Low water indicator • Automatic pressure switch • Radial locking • Pedal lifting device • Digital PID controller with timer • (factory-fitted versions listed as PT-457A / PT-458A)

STERILIZATION & CLEAN AIR

PT-455
PORTABLE AUTOCLAVE

HSN 84192010

It is made of 304 grade jointless stainless steel vessel, capacity 25 Lt. (300 × 300 mm), designed as per pressure cooker type.

₹ 19,950

PT-457
AUTOCLAVE, WING NUT LOCKING

HSN 84192010

Vertical autoclave with wing nut locking, supplied with analog dial pressure gauge. Specifications as listed on the facing page.

CATALOGUE NO.	SIZE (MM)	CAPACITY (LTR.)	RATE (₹)
PT-457/05	300 X 550	40	₹ **36,950**
PT-457/10	350 X 550	50	₹ **41,950**
PT-457/15	400 X 600	75	₹ **69,950**
PT-457/20	450 X 600	100	₹ **99,500**
PT-457/25	500 X 750	150	₹ **1,99,500**

PT-457A
AUTOCLAVE, DIGITAL (WING NUT LOCKING)

HSN 84192010

Specifications same as PT-457, supplied complete with a digital P.I.D. temperature controller with timer and an automatic pressure control switch factory fitted.

CATALOGUE NO.	SIZE (MM)	CAPACITY (LTR.)	RATE (₹)
PT-457A/05	300 X 550	40	₹ **69,500**
PT-457A/10	350 X 550	50	₹ **74,500**
PT-457A/15	400 X 600	75	₹ **1,05,000**
PT-457A/20	450 X 600	100	₹ **1,45,000**
PT-457A/25	500 X 750	150	₹ **2,50,000**

Note: PT-457A rates include the P.I.D. temperature controller with timer (PT-459/15) and the automatic pressure control switch (PT-459/05).

13



PT-458 / PT-458A
AUTOCLAVE,
RADIAL LOCKING

PT-458 SPECIFICATIONS

MOC Exterior	SS 304 (mirror finish)
Number of walls	Double
Lid	SS 304
Interior	SS 304 with silicone gasket
Working Pressure	15 to 20 psi
Working Temperature	121 °C
Pressure Display	Analog Dial Gauge
Basket	Stainless Steel Basket
Power Supply	220 Volts 50 Hz
Standard Fittings	• Steam release valve • Water outlet valve • Spring loaded safety valve • Power cable with three pin top • Radial locking
Optional Accessories	• Low water indicator • Automatic pressure switch • Pedal lifting device • Digital PID controller with timer • (factory-fitted version listed as PT-458A)

STERILIZATION & CLEAN AIR

PT-458
AUTOCLAVE, RADIAL LOCKING

HSN 84192010

CATALOGUE NO.	SIZE (MM)	CAPACITY (LTR.)	RATE (₹)
PT-458/05	300 X 550	40	₹ **52,950**
PT-458/10	350 X 550	50	₹ **66,950**
PT-458/15	400 X 600	75	₹ **99,500**
PT-458/20	450 X 600	100	₹ **1,29,500**
PT-458/25	500 X 750	150	₹ **2,23,500**

PT-458A
AUTOCLAVE, DIGITAL (RADIAL LOCKING)

HSN 84192010

Specifications same as PT-458, supplied complete with a digital P.I.D. temperature controller with timer and an automatic pressure control switch factory fitted.

CATALOGUE NO.	SIZE (MM)	CAPACITY (LTR.)	RATE (₹)
PT-458A/05	300 X 550	40	₹ **84,950**
PT-458A/10	350 X 550	50	₹ **99,500**
PT-458A/15	400 X 600	75	₹ **1,37,500**
PT-458A/20	450 X 600	100	₹ **1,72,500**
PT-458A/25	500 X 750	150	₹ **2,75,000**

PT-459
OPTIONAL ACCESSORIES FOR AUTOCLAVE

CATALOGUE NO.	DESCRIPTION	RATE (₹)
PT-459/05	Pressure control switch for 40, 50 or 100 litres (HSN-90328990)	₹ **14,950**
PT-459/15	P.I.D temperature controller for 40, 50 or 100 litres with timer (HSN-90328990)	₹ **14,500**
PT-459/25	Silicone gasket for 300 x 550 Autoclave (HSN-40169340)	₹ **1,950**
PT-459/30	Silicone gasket for 350 x 550 Autoclave (HSN-40169340)	₹ **2,250**
PT-459/35	Silicone gasket for 400 x 600 Autoclave (HSN-40169340)	₹ **2,650**
PT-459/40	Heating element ISI mark for 40 or 50 litre (HSN-84198990)	₹ **1,550**
PT-459/45	Heating element ISI mark for 100 litre (HSN-84198990)	₹ **2,450**

Note: PT-457A and PT-458A already include PT-459/05 and PT-459/15.

PT-6700

LAMINAR AIR FLOW (HORIZONTAL)

HSN 84213920

Made of thick ply board covered with white sunmica and epoxy painted inside. Workbench covered with 304 grade S.S. Sheet. Switches for blower, fluorescent light and U.V. Light.

MODEL	DESCRIPTION	SIZE	RATE
PT-6700/05	Laminar Air Flow (Horizontal) with S.S workbench	60 x 60 x 60 cm	₹ **59,000**
PT-6700/10	Laminar Air Flow (Horizontal) with S.S workbench	90 x 60x 60cm	₹ **73,000**
PT-6700/15	Laminar Air Flow (Horizontal) with S.S workbench	120 x 60x 60 cm	₹ **84,000**
PT-6700/20	Laminar Air Flow (Horizontal) with S.S workbench	180 x 60 x 60 cm	₹ **1,12,000**

PT-6700 A

LAMINAR AIR FLOW (HORIZONTAL)

HSN 84213920

Made of 304 grade S.S. Workbench covered with 304 grade S.S. Sheet. Microprocessor control Digital Display for Blower, U.V. Light and LED Light. Digital Manometer with filter failure alarm.

MODEL	DESCRIPTION	SIZE	RATE
PT-6700 A /05	Laminar Air Flow (Horizontal) Complete S.S	60 x 60 x 60 cm	₹ **1,65,000**
PT-6700 A /10	Laminar Air Flow (Horizontal) Complete S.S	90 x 60x 60cm	₹ **1,95,000**
PT-6700 A /15	Laminar Air Flow (Horizontal) Complete S.S	120 x 60x 60 cm	₹ **2,15,000**
PT-6700 A /20	Laminar Air Flow (Horizontal) Complete S.S	180 x 60 x 60 cm	₹ **2,95,000**

PT-6700 B

LAMINAR AIR FLOW (HORIZONTAL)

HSN 84213920

Made of Mild Steel duly epoxy powder coated and Workbench covered with 304 grade S.S. Sheet. Microprocessor control digital display for Blower, U.V. Light (with timer) and LED Light. Digital Manometer with filter failure alarm.

MODEL	DESCRIPTION	SIZE	RATE
PT-6700 B /05	Laminar Air Flow (Horizontal) Mild Steel	60 x 60 x 60 cm	₹ **88,000**
PT-6700 B /10	Laminar Air Flow (Horizontal) Mild Steel	90 x 60x 60cm	₹ **1,05,000**
PT-6700 B /15	Laminar Air Flow (Horizontal) Mild Steel	120 x 60x 60 cm	₹ **1,30,000**
PT-6700 B /20	Laminar Air Flow (Horizontal) Mild Steel	180 x 60 x 60 cm	₹ **1,75,000**

STERILIZATION & CLEAN AIR

PT-6710

LAMINAR AIR FLOW (VERTICAL)

HSN 84213920

Made of thick ply board covered with White sunmica and epoxy painted inside. Workbench covered with 304 grade S.S. Perforated sheet. Switches for Blower, U.V. Light & LED light.

MODEL	DESCRIPTION	SIZE	RATE
PT-6710/05	Laminar Air Flow (Vertical) with S.S workbench	60 x 60 x 60 cm	₹ **73,000**
PT-6710/10	Laminar Air Flow (Vertical) with S.S workbench	90 x 60x 60cm	₹ **84,000**
PT-6710/15	Laminar Air Flow (Vertical) with S.S workbench	120 x 60x 60 cm	₹ **1,05,000**
PT-6710/20	Laminar Air Flow (Vertical) with S.S workbench	180 x 60 x 60 cm	₹ **1,50,000**
PT-6710/25	Laminar Air Flow (Vertical) with S.S workbench		**P.O.R**

PT-6710 A

LAMINAR AIR FLOW (VERTICAL)

HSN 84213920

Made of 304 grade S.S. Workbench covered with 304 grade S.S. Perforated Sheet Microprocessor control digital display for Blower, UV Light & LED light. Digital Manometer with filter failure alarm

MODEL	DESCRIPTION	SIZE	RATE
PT-6710 A /05	Laminar Air Flow (Vertical) Complete S.S	60 x 60 x 60 cm	₹ **1,80,000**
PT-6710 A /10	Laminar Air Flow (Vertical) Complete S.S	90 x 60x 60cm	₹ **2,12,000**
PT-6710 A /15	Laminar Air Flow (Vertical) Complete S.S	120 x 60x 60 cm	₹ **2,28,000**
PT-6710 A /20	Laminar Air Flow (Vertical) Complete S.S	180 x 60 x 60 cm	₹ **3,50,000**

PT-6710 B

LAMINAR AIR FLOW (VERTICAL)

HSN 84213920

Made of Mild Steel duly epoxy powder coated and Workbench covered with 304 grade SS. Perforated Sheet. Microprocessor control digital display for Blower, UV Light & LED light. Digital Manometer with filter failure alarm

MODEL	DESCRIPTION	SIZE	RATE
PT-6710 B /05	Laminar Air Flow (Vertical) Mild Steel	60 x 60 x 60 cm	₹ **1,12,000**
PT-6710 B /10	Laminar Air Flow (Vertical) Mild Steel	90 x 60x 60cm	₹ **1,38,000**
PT-6710 B /15	Laminar Air Flow (Vertical) Mild Steel	120 x 60x 60 cm	₹ **1,75,000**
PT-6710 B /20	Laminar Air Flow (Vertical) Mild Steel	180 x 60 x 60 cm	₹ **2,30,000**

STERILIZATION & CLEAN AIR



PT-6800
BIOSAFE CABINET

PT-6800

Biosafety cabinets are used for:

- **Microbiological Research**
  Handling and manipulating microorganisms under sterile conditions to prevent contamination.
- **Cell Culture Work**
  Providing a sterile environment for cultivating and maintaining cell lines.
- **Pharmaceutical Production**
  Ensuring sterility when working with sensitive pharmaceutical products.
- **Laboratory Safety**
  Protecting personnel and the environment from exposure to hazardous biological agents.
- **Biomedical Testing**
  Handling samples and materials safely in diagnostic and research laboratories.
- **Biocontainment**
  Preventing the escape of infectious agents or allergens during handling and processing.

PT-6800
BIOSAFE CABINET

HSN 90189099

Made of thick ply board covered with sunmica and epoxy painted inside. Fitted with HEPA Filter, UV light and Fluorescent light. 70% Air recirculate & 30% Air Exhaust. Fitted with Virus Burnout unit. Switches for Blower, UV & LED Light.

MODEL	DESCRIPTION	SIZE	RATE
PT-6800 /05	Biosafe Cabinet (Wooden), Class II, A-2	60 x 60 x 60 cm	₹ **85,000**
PT-6800 /10	Biosafe Cabinet (Wooden), Class II, A-2	90 x 60x 60cm	₹ **1,15,000**
PT-6800 /15	Biosafe Cabinet (Wooden), Class II, A-2	120 x 60x 60 cm	₹ **1,32,000**
	Steriflow Portable Laminar Air Flow for Field use		**P.O.R**

PT-6800 A
BIOSAFE CABINET (A-2)

HSN 90189099

Made of 304 grade Stainless Steel. Fitted with HEPA Filter UV light and LED light. 70% Air recirculate& 30% Air Exhaust. Fitted with Virus Burnout unit. Microprocessor Control Digital Display for Blower, U.V. Light & LED light. Digital Manometer with Filter Failure Alarm.

MODEL	DESCRIPTION	SIZE	RATE
PT-6800 A /05	Biosafe Cabinet (Stainless Steel), Class II, A-2	60 x 60 x 60 cm	₹ **2,15,000**
PT-6800 A /10	Biosafe Cabinet (Stainless Steel), Class II, A-2	90 x 60x 60cm	₹ **2,30,000**
PT-6800 A /15	Biosafe Cabinet (Stainless Steel), Class II, A-2	120 x 60x 60 cm	₹ **2,70,000**

PT-6800 B
BIOSAFE CABINET (A-2)

HSN 90189099

Made of Mild Steel duly epoxy powder coated. Fitted with HEPA Filter, UV light and LED light. 70% Air recirculate & 30% Air Exhaust. Fitted with Virus Burnout unit. Microprocessor Control Digital Display for Blower, U.V. Light & LED light. Digital Manometer with Filter Failure Alarm.

MODEL	DESCRIPTION	SIZE	RATE
PT-6800 B /05	Biosafe Cabinet (Mild Steel), Class II, A-2	60 x 60 x 60 cm	₹ **1,50,000**
PT-6800 B /10	Biosafe Cabinet (Mild Steel), Class II, A-2	90 x 60x 60cm	₹ **1,73,000**
PT-6800 B /15	Biosafe Cabinet (Mild Steel), Class II, A-2	120 x 60x 60 cm	₹ **2,25,000**

PT-6900
FUME HOOD

HSN 84198990

Fume Hood made of S.S 304 Grade with Granite Working Platform, Polypropylene Sink, Water tap & Exhaust System.

MODEL	DESCRIPTION	SIZE	RATE
PT-6900/05	Fume Hood (Stainless Steel)	90 x 60 x 60 cm	₹ **2,75,000**
PT-6900/10	Fume Hood (Stainless Steel)	120 x 60x 60cm	₹ **3,00,000**
PT-6900/15	Fume Hood (Stainless Steel)	120 x 75x 75 cm	₹ **3,75,000**
PT-6900/20	Fume Hood (Stainless Steel)	150 x 75 x 75 cm	₹ **5,30,000**

PT-6900 A
FUME HOOD

HSN 84198990

Made of mild steel duly epoxy powder coated with Granite Working Platform, Polypropylene Sink, Water tap & Exhaust System.

MODEL	DESCRIPTION	SIZE	RATE
PT-6900 A /05	Fume Hood (Mild Steel)	90 x 60 x 60 cm	₹ **1,65,000**
PT-6900 A /10	Fume Hood (Mild Steel)	120 x 60x 60cm	₹ **2,00,000**
PT-6900 A /15	Fume Hood (Mild Steel)	120 x 75x 75 cm	₹ **2,38,000**
PT-6900 A /20	Fume Hood (Mild Steel)	150 x 75 x 75 cm	₹ **2,80,000**

PT-6900 B
FUME HOOD

HSN 84198990

Made of 19mm thick Plyboard covered with sunmica & Epoxy painted from inside.
Granite Working Platform, Polypropylene Sink, Water tap & Exhaust System.

MODEL	DESCRIPTION	SIZE	RATE
PT-6900 B /05	Fume Hood (Wooden with Granite Working Platform)	90 x 60 x 60 cm	₹ **90,000**
PT-6900 B /10	Fume Hood (Wooden with Granite Working Platform)	120 x 60x 60cm	₹ **1,20,000**
PT-6900 B /15	Fume Hood (Wooden with Granite Working Platform)	120 x 75x 75 cm	₹ **1,45,000**

THERMOMETERS

PT-7000
CHEMICAL THERMOMETERS MERCURY FILLED PACKED IN CASE

HSN 90251190

MODEL	RANGE	DIVISION	RATE/PIECE
PT-7000/05	0-50 °C	1/1	₹ **1,100**
PT-7000/10	0-50 °C	1/2	₹ **1,100**
PT-7000/15	-10-110 °C	1/1	₹ **600**
PT-7000/20	-10-110 °C	1/2	₹ **600**
PT-7000/25	0-150 °C	1/1	₹ **650**
PT-7000/30	0-200 °C	1/1	₹ **650**
PT-7000/35	0-250 °C	1/1	₹ **650**
PT-7000/40	0-300 °C	1/1	₹ **700**
PT-7000/45	0-360 °C	1/1	₹ **700**
PT-7000/50	0-220 °C	1/1	₹ **700**

PT-7010
PRECISION THERMOMETERS MERCURY FILLED PACKED IN CASE.

HSN 90251190

MODEL	RANGE	DIVISION	RATE/PIECE
PT-7010/05	0-50 °C	1/5	₹ **1,350**
PT-7010/10	0-50 °C	1/10	₹ **1,450**
PT-7010/15	0-110 °C	1/5	₹ **1,500**
PT-7010/20	0-110 °C	1/10	₹ **1,600**

PT-7020
THERMOMETER WITH CONE ENCLOSED TYPE

HSN 90251190

MODEL	RANGE	CONE SIZE	RATE/PIECE
PT-7020/05	0-50 °C	B 10	₹ **525**
PT-7020/10	-10-110 °C	B 10	₹ **575**
PT-7020/15	0-250 °C	B 10	₹ **575**
PT-7020/20	0-360 °C	B 10	₹ **595**
PT-7020/25	-10-110 °C	B 14	₹ **625**
PT-7020/30	0-250 °C	B 14	₹ **650**
PT-7020/35	0-360 °C	B 14	₹ **650**
PT-7020/40	-10-110 °C	B 19	₹ **725**
PT-7020/45	0-250 °C	B 19	₹ **750**
PT-7020/50	0-360 °C	B 19	₹ **750**

THERMOMETERS

PT-7030

LONG IMMERSION THERMOMETERS MERCURY FILLED PACKED IN CASE
HSN 90251190

MODEL	RANGE	IMMERSION LENGTH (CM)	TOTAL LENGTH (CM)	RATE/ PIECE
PT-7030/05	0-110 °C	15	45	₹ **1,200**
PT-7030/10	0-250 °C	15	45	₹ **1,200**
PT-7030/15	0-360 °C	15	45	₹ **1,200**
PT-7030/20	0-110 °C	30	60	₹ **1,800**
PT-7030/25	0-250 °C	30	60	₹ **1,800**
PT-7030/30	0-360 °C	30	60	₹ **1,800**

PT-7040

STRAIGHT INDUSTRIAL THERMOMETERS ENCLOSED TYPE **P.O.R**
HSN 90251190

PT-7050

OVEN/INCUBATOR THERMOMETERS L shaped size 200 mm. x 200 mm. mercury in glass
HSN 90251190

MODEL	RANGE	DIVISION	RATE/PIECE
PT-7050/05	0-110 °C	1 °C	₹ **1,100**
PT-7050/10	0-250 °C	2 °C	₹ **1,200**
PT-7050/15	0-300 °C	2 °C	₹ **1,200**

THERMOMETERS

PT-7060

MAXIMUM AND MINIMUM THERMOMETER ₹ **1,200**

PT-7070

WET AND DRY THERMOMETER
HSN 90251190 ₹ **1,200**

PT-7080

WALL THERMOMETER to show room temperature with scale in °C and °F on wooden board.
HSN 90251190 ₹ **750**

PT-7090

WALL THERMOMETER Half meter long. ₹ **1,475**

PT-7110

SOIL THERMOMETER Scale 0-60 °C fitted on wooden body with metal cone at bottom.
HSN 90251190

MODEL	LENGTH OF CONE	RATE/PIECE
PT-7110/10	5	₹ **1,200**
PT-7110/15	15	₹ **1,975**
PT-7110/20	30	₹ **3,300**

SILICA WARE

PT-7300

SILICA CRUCIBLE to stand temperature upto 800°C without lid.
HSN 70171000

MODEL	CAPACITY IN ML	RATE/PIECE
PT-7300/05	15	₹ **425**
PT-7300/10	25	₹ **475**
PT-7300/15	50	₹ **850**
PT-7300/20	80	₹ **1,575**
PT-7300/25	100	₹ **1,875**
PT-7300/30	150	₹ **2,450**

PT-7400

SILICA CRUCIBLE to stand temperature upto 800°C with lid.
HSN 70171000

MODEL	CAPACITY IN ML	RATE/PIECE
PT-7400/05	15	₹ **825**
PT-7400/10	25	₹ **950**
PT-7400/15	50	₹ **1,650**
PT-7400/20	80	₹ **3,100**
PT-7400/25	100	₹ **3,700**
PT-7400/30	150	₹ **4,850**

PT-7500

SILICA BASIN (Dish) with spout to withstand temperature upto 800°C.
HSN 70171000

MODEL	CAPACITY IN ML	DIAMETER IN MM	RATE/PIECE
PT-7500/05	35	50-55	₹ **1,075**
PT-7500/10	70	70-75	₹ **1,425**
PT-7500/15	100	80-85	₹ **2,750**
PT-7500/20	150	90-95	₹ **3,250**
PT-7500/25	200	98-103	₹ **4,250**
PT-7500/30	250	107-110	₹ **4,750**

DESICCATORS

PT-8000

DESICCATOR with cover with suitable porcelain plate (Borosilicate Glass).
HSN 70179090

MODEL	SIZE IN MM	RATE/PIECE
PT-8000/05	100	₹ **975**
PT-8000/10	160	₹ **1,325**
PT-8000/15	210	₹ **2,350**
PT-8000/20	240	₹ **3,625**
PT-8000/25	300	₹ **6,950**

PT-8010

DESICCATOR VACUUM with suitable porcelain plate (Borosilicate Glass).
HSN 70179090

MODEL	SIZE IN MM	RATE/PIECE
PT-8010/05	160	₹ **1,995**
PT-8010/10	210	₹ **3,495**
PT-8010/15	240	₹ **4,995**
PT-8010/20	300	₹ **9,995**

MUSEUM JARS

PT-8200

RECTANGULAR MUSEUM JAR with cover (Borosilicate Glass).
HSN 70179090

MODEL	SIZE IN MM	RATE/PIECE
PT-8200/05	250 x 250 x 150	₹ **5,500**
PT-8200/10	225 x 225 x 125	₹ **3,900**
PT-8200/15	210 x 170 x 130	₹ **2,975**
PT-8200/20	220 x 140 x 140	₹ **3,200**
PT-8200/25	215 x 100 x 140	₹ **2,750**

PT-8300

BEAKERS Low Form Graduated Accuracy of graduation ±5%

HSN 70179090

MODEL	CAPACITY IN ML	GRADUATION INTERVAL ML.	RATE/PIECE
PT-8300/01	50	10	₹ **70**
PT-8300/02	100	25	₹ **70**
PT-8300/03	150	50	₹ **75**
PT-8300/04	250	50	₹ **85**
PT-8300/05	500	100	₹ **135**
PT-8300/06	1000	200	₹ **275**
PT-8300/07	2000	400	₹ **725**

PT-8400

FLASK ERLENMEYER (Conical) Narrow Mouth Graduated.

HSN 70179090

MODEL	CAPACITY IN ML	GRADUATION INTERVAL ML.	RATE/PIECE
PT-8400/01	50	10	₹ **85**
PT-8400/02	100	25	₹ **85**
PT-8400/03	150	50	₹ **110**
PT-8400/04	250	50	₹ **135**
PT-8400/05	500	100	₹ **190**
PT-8400/06	1000	200	₹ **325**
PT-8400/07	2000	500	₹ **1,000**
PT-8400/08	3000	500	₹ **1,550**
PT-8400/09	5000	500	₹ **2,525**

PT-8500

PETRI DISHES Borosilicate Glass **P.O.R**

PT-8520

TEST TUBES round or flat bottom with rim or without rim, plain Borosilicate Glass(3.3)

HSN 70179090

MODEL	CAPACITY IN ML	MM	RATE/PIECE
PT-8520/05	3	10 X 75	₹ **7.75**
PT-8520/10	5	12 X 75	₹ **8.25**
PT-8520/15	8	12 X 100	₹ **9.75**
PT-8520/20	10	15 X 125	₹ **13.75**
PT-8520/25	12	15 X 150	₹ **15.75**
PT-8520/30	25	18 X 150	₹ **17.50**
PT-8520/35	50	25 X 150	₹ **27**
PT-8520/40	75	25 X 200	₹ **35**

PT-8530

TEST TUBES neutral hard glass resistant with rim or without rim, round bottom

HSN 70179090

MODEL	SIZE IN MM	RATE/PIECE
PT-8530/05	10 x 75	₹ **5**
PT-8530/10	12 x 100	₹ **6**
PT-8530/15	15 x 125	₹ **8**
PT-8530/20	15 x 150	₹ **9.50**
PT-8530/25	18 x 150	₹ **11**
PT-8530/30	25 x 150	₹ **15**
PT-8530/35	25 x 200	₹ **20**



PT-134/55
VACUUM FILTER HOLDERS MANIFOLD





PT-134/05
VACUUM FILTER HOLDERS

PT-134/60
FILTER FUNNEL MANIFOLD STERILITY TEST

PT-134

Vacuum filter holders are used for:

- **Laboratory Filtration**
  Separating solids from liquids.
- **Microbiology**
  Filtering culture media and solutions.
- **Industrial Processes**
  Ensuring product purity.
- **Sample Preparation**
  Removing particulates from samples.
- **Environmental Monitoring**
  Testing water samples for pollutants.

PT-134

VACUUM FILTER HOLDER

These are used in microbiological quality control e.g. of water, beer, wine , soft drinks & other laboratory reagents. Analytical determination e.g. of metal particles in lubrication oil & iron oxides in boiler water. Stainless steel and borosilicate glass frit filter support gives optionally uniform distribution of retained bacteria or particles on the membrane filter surface. It can be flamed to sanitize between samples without membranes.

HSN 84212900

PT-134/05
STAINLESS STEEL VACUUM FILTER HOLDER

Consists of lid with Teflon sealing ring, 250ml funnel. Base clamp to connect filter section, detachable 47mm filter disk, silicone gasket ring with rubber cork to connect with 1000 ml. borosilicate filter flask.

HSN 84212900

₹ 6,250

PT-134/10
VACUUM FILTER HOLDER, SYRINGE PATTERN

For filtering & cleaning small volumes of liquids, 25mm disk without membrane.

HSN 84212900

₹ 1,450

PT-134/15
BOROSILICATE GLASS VACUUM FILTER HOLDER

Consisting of funnel reservoir graduated in increments fixed sintered disk in filtration section with special grinding to support membrane, anodized aluminium clamp & heavy wall filter flask.

HSN 70179090

	DISK DIA MM	FUNNEL CAP ML	FILTER FLASK CAP ML	STANDARD JOINT/RUBBER FITTING	Rate
PT-134/35	25	25	250	Standard	₹ **2,995**
PT-134/40	25	50	500	Standard	₹ **3,150**
PT-134/45	47	300	1000	Standard	₹ **5,750**
PT-134/50	47	300	2000	Standard	₹ **6,750**

PT-134/55
FILTER FUNNEL MANIFOLD FOR STERILITY TEST

This mechanism accepts up to three 47 mm dia filter funnels. This mechanism can be connected in series to the same vacuum source to expand capacity if required. Large support base provides excellent stability each of the three vacuum outlets has leak-proof, two-way stopcock & a vent to accept filter funnel through silicon rubber cork.

HSN 84212900

₹ 34,500

PT-134/60
FILTER FUNNEL MANIFOLD STERILITY TEST

Accepts up to six 47mm Dia filter funnels in series with six stainless steel funnels.

HSN 84212900

₹ 56,950

PT-135
SODIUM WIRE PRESS

For extruding sodium and other alkali metals. This is made of heavy iron casting and mild steel. The press fits on a bench by a single half inch bolt with two legs over hanging the edge of a bench to prevent rotation of the press. The plunger is machined integral with the operating screw and OK. The receiver bottle can be placed on a table which is fixed to the press and is adjustable in height. The machine is supplied with one stainless steel die for extruding sodium into wire of 1 mm. dia. HSN 90279090 **₹ 13,950**

OPTIONAL ACCESSORIES FOR PT - 135
PT-135/05

Stainless steel die with 1 mm. hole for sodium **₹ 1,250**

PT-138
FLOW CUP VISCOMETERS

It consists of a cup having different viscosity range. It is used for measuring the viscosity of paints, varnishes, lacquers and other viscous products, complete with stand. As per I.S. specifications.

HSN 90278010

	TYPE	VISCOSITY RANGE (APPROX.) STOCKS	USED FOR	Rate
PT-138/15	B-4	0.8 - 2.5	Heavy Liquids	**₹ 4,950**



PT-135
SODIUM WIRE PRESS



PT-138
FLOW CUP VISCOMETERS

PT-140
LABORATORY JACKS

An all purpose constructed from stainless steel, aluminum or mild steel. Suitable for hot plates, burners, baths, glassware & many other items. It is a knob operated scissor action lifting mechanism for quick, easy & accurate height adjustment. Aluminum & mild steel jacks are finished with a thick layer of expoxy based polyester paint, which provides a strong highly scratch & chemical resistant surface

HSN 84254900 **₹ 2,150**

	MATERIAL	HEIGHT	TOP PLATE SIZE	RATE
PT-140/10	Mild Steel	230 mm	15x15 cm	**₹ 1,750**
PT-140/15	Mild Steel	330 mm	20x20 cm	**₹ 2,495**
PT-140/20	Mild Steel	400 mm	25x25 cm	**₹ 3,350**
PT-140/50	Stainless Steel 304 grade	230 mm	15x15 cm	**₹ 4,500**
PT-140/55	Stainless Steel 304 grade	330 mm	20x20 cm	**₹ 5,895**
PT-140/60	Stainless Steel 304 grade	400 mm	25x25 cm	**₹ 7,950**



MS BODY



SS BODY

PT-140 LABORATORY JACKS

CLAMPS AND BOSS HEADS

CATALOGUE NO.	DESCRIPTION	RATE (₹)
	(SUITABLE FOR HOLDING GLASSWARE)	
PT-3300	Brass moulded with steel, rod chrome plated, to grip upto 30mm, circle and jaws lined with cork sheet. Suitable for holding burette. (HSN 90279090)	₹ **750**
PT-3305	Similar to PT-3300 but made of aluminium alloy, wrinkle finish and with steel rod.	₹ **275**
PT-3310	Fisher type double. For holding two burettes without obstructing the view of graduation and with secure gripping mechanism for mounting on any iron stand finished with powder coating	₹ **250**
PT-3315	Fisher type single.	₹ **150**
	CONDENSER LAMP	
PT-3320	Brass moulded, oxidised, with steel rod chrome plated, to grip 20 to 65 mm. circles and jaws lined with cork sheet.	₹ **750**
PT-3330	Cross pattern, brass chrome plated, with steel rod, cork lined and jaws to grip 20 mm. to 65 mm. circles.	₹ **750**
PT-3325	Made of aluminium alloy, cork lined jaws, brass thumb screw and chrome plated rod to grip 20 mm. to 65 mm. circles.	₹ **295**
PT-3335	With three prongs, brass chrome plated, arms covered with asbestos or rubber sleeving to hold upto 75 mm circles and with M.S. rod 12" × 3/8" long.	₹ **750**
PT-3340	With three prongs, aluminium alloy, arms covered with asbestos or rubber sleeving to hold upto 75mm circles and with M.S rod 12" x 3/8" long.	₹ **295**
	JUMBO CLAMP	
PT-3350	With 3 or 4 fingers, made of brass, to hold upto 125 mm. circles, arms covered with asbestos or rubber sleeving and total length 370 mm. with 12" × 3/8" M.S. Rod.	₹ **2,750**
PT-3355	Same as PT-3350 Made of aluminium alloy.	₹ **875**
	UNIVERSAL CLAMP	
PT-3360	Made of mild steel sheet, die pressed, cork lined spring controlled jaws, 6" M.S. rod, all chrome plated or powder coated paint to hold upto 40 mm dia. circles.	₹ **160**
	BOSS HEADS	
PT-3400	Made of cast iron, with T-screw, finish, to hold upto 12 mm. dia. rod.	₹ **120**
PT-3405	Made of aluminium alloy, with T-screw, finish, to hold upto 12 mm. dia. rod.	₹ **120**
PT-3410	Made of brass, crome plated to hold upto 12 mm. dia. rod.	₹ **400**
PT-3415	Boss head large size heavy: made of cast iron, to hold upto 25mm rod.	₹ **450**
PT-3420	Made of thick mild steel strip, with T-screw, to hold upto 18 mm. dia. rod, chrome plated.	₹ **120**

PT-3450
RETORT STAND

The base is made of cast iron, adjusted for standing evenly on plain surface and finished with textured Siemens grey finish. The rod is made from turned steel, dull nickel plated finish, with interchangeable threading and tested for mounting perpendicular to bases.

HSN 90279090

MODEL	SHAPE	BASE SIZE (MM)	ROD LENGTH (MM)	ROD DIA. (MM)	RATE
PT-3450/10	Rectangular	200 x 125	600	12	₹ **750**
PT-3450/15	Rectangular	225 x 150	750	12	₹ **1,100**
PT-3450/20	Rectangular	300 x 175	900	12	₹ **1,650**

PT-3500
TRIPOD STANDS

TRIPOD STAND
Made of mild steel, with three legs, powder coated.

HSN 90279090

MODEL	SHAPE	LEG SIZE X TOP (MM)	RATE
PT-3500/10	Triangular	200 x 100	₹ **195**
PT-3500/20	Triangular	200 x 120	₹ **220**

PT-3525
RETORT RINGS

RETORT RINGS WITH BOSS HEAD
For use with retort stands, powder coated.

HSN 90279090

MODEL	DIAMETER	RATE
PT-3525/05	50 mm (2")	₹ **130**
PT-3525/10	75 mm (3")	₹ **145**
PT-3525/15	100 mm (4")	₹ **160**
PT-3525/20	125 mm (5")	₹ **195**
PT-3525/25	150 mm (6")	₹ **250**

PT-3650
CRUCIBLE TONGS

HSN 90279090

MODEL	LENGTH SIZE	MATERIAL	RATE
PT-3650/05	150 mm	Stainless Steel	₹ 125
PT-3650/10	150 mm	Mild Steel, Nickel plated	₹ 40
PT-3650/20	200 mm	Stainless Steel	₹ 165
PT-3650/25	200 mm	Mild Steel, Nickel plated	₹ 50
PT-3650/35	250 mm	Stainless Steel	₹ 220
PT-3650/40	300 mm	Stainless Steel	₹ 300
PT-3650/45	375 mm	Stainless Steel	₹ 450
PT-3650/50	450 mm	Stainless Steel (Furnace tong)	₹ 650
PT-3650/55	600 mm	Stainless Steel	₹ 1,275

PT-3670
TONGS FOR HOLDING FLASK

250 mm. long, made of stainless steel, jaws lined with asbestos or cork sheet.

HSN 90279090 ₹ 350

PT-3675
TONGS FOR HOLDING BEAKER

250 mm. long, made of stainless steel, jaws lined with asbestos or cork sheet.

HSN 90279090 ₹ 350

PT-3680
TEST TUBE HOLDERS

Chrome Plated

HSN 90279090 ₹ 30

PT-3685
FORCEPS

Made of stainless steel 200 mm long

HSN 90279090 ₹ 160



PT-3650
CRUCIBLE TONGS

SPATULAS

HSN 90279090

MODEL	LENGTH SIZE	SHAPE	RATE
PT-3690 - Stainless steel with both ends flat. Made from 16 SWG sheet highly polished			
PT-3690/10	125 mm	Both ends flat	₹ 45
PT-3690/15	150 mm	Both ends flat	₹ 55
PT-3690/20	200 mm	Both ends flat	₹ 65
PT-3690/25	250 mm	Both ends flat	₹ 110
PT-3690/30	300 mm	Both ends flat	₹ 140
PT-3700 - Stainless steel with one end spoon. Made from 16 SWG sheet highly polished			
PT-3700/10	125 mm	One end spoon	₹ 45
PT-3700/15	150 mm	One end spoon	₹ 55
PT-3700/20	200 mm	One end spoon	₹ 65
PT-3700/25	250 mm	One end spoon	₹ 110
PT-3700/30	300 mm	One end spoon	₹ 140
PT-3710 Stainless steel with wire form			
PT-3710/05	150 mm	Wire form with flat ends	₹ 40
PT-3710/10	200 mm	Wire form with flat ends	₹ 50

PT-3785
CONE AND SOCKET CLIP

PT-3785 Clip to Hold Cone & Socket: Made of nylon		
PT-3785/05	For B-19 Joint	₹ 45
PT-3785/10	For B-24 Joint	₹ 60
PT-3785/15	For B-29 Joint	₹ 70

PT-3800

BALL JOINT CLIPS

CLIP FOR SPHERICAL BALL JOINTS CHROME PLATED

HSN 73269099

PT-3800/05	Quickfit No.	S-13	₹ **140**
PT-3800/10	Quickfit No.	S-19	₹ **150**
PT-3800/15	Quickfit No.	S-29	₹ **175**
PT-3800/20	Quickfit No.	S-35	₹ **250**

PT-3850

CORK BORERS

Made from thick metal pipe, with strong handle, packed in cardboard box. Set of 6 borers.

HSN 90279090 ₹ **950**

TEST TUBE STAND

MODEL	HOLE DIAMETER (MM)	NO. OF HOLES	RATE
Made of thick aluminium sheet with three tiers, anodised. (HSN 76069190)			
PT-3880/05	12	12	₹ **225**
PT-3880/10	12	24	₹ **250**
PT-3880/15	12	36	₹ **290**
PT-3880/20	18	12	₹ **250**
PT-3880/25	18	24	₹ **290**
PT-3880/30	18	36	₹ **400**
PT-3880/35	25	12	₹ **260**
PT-3880/40	25	24	₹ **400**
PT-3880/45	25	36	₹ **525**
PT-3890	Aluminium 6” x 6” (HSN 73269099)		₹ **550**
TEST TUBE STAND STAINLESS STEEL 304 GRADE (HSN 73269099)			
PT-3895/05	15	12	₹ **325**
PT-3895/10	15	24	₹ **425**
PT-3895/15	18	12	₹ **375**
PT-3895/20	18	24	₹ **475**

15

LABORATORY BURNERS

All standard size laboratory burners are fitted with 75 mm. dia. heavy cast iron base. Surface is finished with black, red or grey finish.

GAS JET: Turned from hard brass rod with bore adjusted for pressure of any type of gas used.

NOZZLE: The gas inlet is made tapered for easy slipping on to 8 mm. rubber tubing connections.
The burners are suitable for use with petrol gas, kerosene gas and coal gas LPG (Mention gas to be used).

HSN 84198990

MODEL	DESCRIPTION	RATE
	STANDARD BUNSEN BURNER	
PT-3950	Giving narrow, pointed, long flame, mounted on a heavy base is a brass pipe height 150 mm. and tube dia. 12 mm.	₹ **275**
PT-3955	Similar to PT-3950 but with leak proof stopcock.	₹ **425**
	MECKER BURNER	
PT-3970	For short but wide flame and high temperature, height 160 mm. and top 25 mm. dia.	₹ **1,100**
PT-3975	With gas control valve	₹ **1,250**

PT-4050

WATER TAP SWAN NECK

All brass, chrome plated. Leak Proof

HSN 84818020

MODEL	DESCRIPTION	RATE
PT-4050/05	One way	₹ **2,150**
PT-4050/10	Two way	₹ **3,150**
PT-4050/15	Three way	₹ **3,750**



PT-4050
WATER TAP SWAN NECK

15

PT-5500
DIGITAL VARIABLE VOLUME MICRO PIPETTES

This pipette has a streamlined tip ejector an adjustment of volume by turning the plunger with two step operation.

HSN 90318000

MODEL	CAPACITY	STEPS/ µl	RATE
PT-5500/05	0.5-10 µl	0.1	₹ **4,595**
PT-5500/10	5-50 µl	1.0	₹ **4,595**
PT-5500/15	20-200 µl	1.0	₹ **4,595**
PT-5500/20	200-1000 µl	10.0	₹ **4,595**



PT-5500
DIGITAL VARIABLE VOLUME MICRO PIPETTES

PT-5510
DIGITAL FIXED VOLUME MICRO PIPETTES

(STREAM LINED) HSN 90318000

MODEL	CAPACITY/ µl	RATE
PT-5510/05	5	₹ **2,475**
PT-5510/10	10	₹ **2,475**
PT-5510/15	20	₹ **2,475**
PT-5510/20	25	₹ **2,475**
PT-5510/25	50	₹ **2,475**
PT-5510/30	100	₹ **2,475**
PT-5510/35	200	₹ **2,475**
PT-5510/40	500	₹ **2,475**
PT-5510/45	1000	₹ **2,475**

PT-5525
DIGITAL MULTI CHANNEL (EIGHT) MICRO PIPETTES

This pipette has streamlined tip ejector and adjustment of volume by turning the plunger with two step operation.

HSN 90319000

MODEL	CAPACITY	RATE
PT-5525/05	5-40 µL	₹ **15,950**
PT-5525/10	40-200 µL	₹ **15,950**

PT-5530
TIPS FOR MICRO PIPETTES

(PACK OF 1000)

MODEL	CAPACITY	RATE
PT-5530/05	Yellow tip (0-200) µL	₹ **950**
PT-5530/10	Blue tip (200-1000) µL	₹ **1,250**
PT-5530/15	Stand for micro pipette	₹ **950**

GENERAL LABORATORY ACCESSORIES



PT-6500
LABORATORY RUBBER TUBING

PT-6500 & PT-6510

Rubber tubes have various applications, including:

- **Laboratory Use**
  Transporting liquids or gases between apparatus in scientific experiments.
- **Medical Devices**
  Connecting medical instruments and equipment in healthcare settings.
- **Automotive Industry**
  Used in engines and fuel systems for fluid transfer.
- **Industrial Machinery**
  Transferring fluids, chemicals and gases in manufacturing processes.
- **Household Applications**
  Used in plumbing and irrigation systems for water transport.
- **Construction**
  Used in construction projects for pneumatic systems and water transport.

15

PT-6500

LABORATORY RUBBER TUBING

It is extremely soft and conforms to the Govt. specifications. In addition to softness it is resistant to dilute Acid, Alkalies, Ammonia etc.

HSN 40091100

MODEL	APPROX. BORE (MM)	WALL THICKNESS (MM)	PRICE/10 METER
PT-6500/05	5	1.5	₹ **350**
PT-6500/10	6	1.5	₹ **450**
PT-6500/15	7	1.5	₹ **500**
PT-6500/20	8	1.5	₹ **595**
PT-6500/25	9	2	₹ **695**
PT-6500/30	10	2	₹ **850**
PT-6500/35	12	2.5	₹ **975**

PT-6510

PRESSURE RUBBER TUBING

Superior quality (minimum packing 10 meter)

HSN 40091100

MODEL	APPROX. BORE (MM)	WALL THICKNESS (MM)	PRICE/10 METER
PT-6510/05	6	3	₹ **750**
PT-6510/10	6	5	₹ **975**
PT-6510/15	8	3	₹ **795**
PT-6510/20	8	5	₹ **1,100**
PT-6510/25	9	5	₹ **1,250**
PT-6510/30	9	3	₹ **900**
PT-6510/35	10	6	₹ **1,995**
PT-6510/40	12	6	₹ **2,150**

15

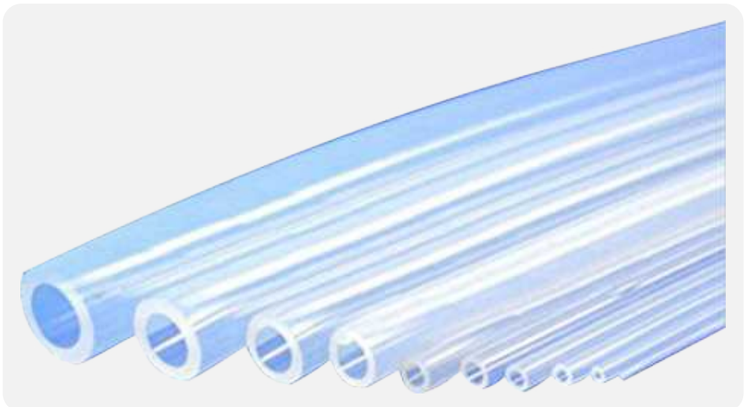
PT-6520

SILICONE TUBING
(MINIMUM PACKING 5 METER)

Silicone tubing is suitable from -50 °C to 250 °C. It is autoclavable and odourless, so it is suitable for transfer of pharmaceutical liquids beverages and other food preparations.
It is not irritant to skin. Due to highly elasticity it is also useful with peristaltic pumps.

HSN 40091100

MODEL	INNER DIA. (MM)	OUTER DIA. (MM)	WALL THICKNESS (MM)	PRICE/METER
PT-6520/05	2	4	1.0	₹ **65**
PT-6520/10	3	5	1.0	₹ **95**
PT-6520/15	4	6	1.0	₹ **120**
PT-6520/20	5	7	1.0	₹ **150**
PT-6520/25	4	7	1.5	₹ **150**
PT-6520/30	6	8	1.0	₹ **195**
PT-6520/35	6	9	1.5	₹ **220**
PT-6520/40	7	10	1.5	₹ **275**
PT-6520/45	6	10	2.0	₹ **275**
PT-6520/50	8	11	1.5	₹ **295**
PT-6520/55	7	11	2.0	₹ **295**
PT-6520/60	8	12	2.0	₹ **335**
PT-6520/65	10	14	2.0	₹ **500**
PT-6520/70	12	16	2.0	₹ **550**
PT-6520/75	14	20	3	₹ **750**
PT-6520/80	16	22	3	₹ **995**



PT-6520
SILICONE TUBING

PT-6530

RUBBER CORKS
(MINIMUM 100 PIECES)

HSN 40169990

MODEL	TOTAL DIA. (MM) ±0.2	BOTTOM DIA. (MM) ±0.2	HEIGHT (MM) ±0.2	NO.	RATE PER 100 NOS.
PT-6530/05	9	6	16	000	₹ **250**
PT-6530/10	13.0	9.0	15.5	0	₹ **295**
PT-6530/15	14.0	11.0	18.5	1	₹ **350**
PT-6530/20	16.5	13.0	20.0	2	₹ **395**
PT-6530/25	19.0	14.0	21.0	3	₹ **495**
PT-6530/30	21.0	15.0	22.0	4	₹ **550**
PT-6530/35	22.5	17.5	23.0	5	₹ **600**
PT-6530/40	24.5	20.0	24.0	6	₹ **795**
PT-6530/45	26.0	20.0	27.5	7	₹ **890**
PT-6530/50	26.5	21.0	27.5	8	₹ **995**
PT-6530/55	28.0	21.5	31.0	9	₹ **1,275**
PT-6530/60	30.0	26.0	33.0	10	₹ **1,595**
PT-6530/65	33.5	30.0	33.5	11	₹ **1,795**
PT-6530/70	34.5	30.0	34.5	12	₹ **1,995**
PT-6530/75	38.5	31.0	37.0	13	₹ **2,800**
PT-6530/80	41.5	32.0	42.5	14	₹ **3,150**
PT-6530/85	43.5	34.0	40.5	15	₹ **3,995**
PT-6530/90	45.0	35.0	36.5	16	₹ **4,250**
PT-6530/95	49.5	40.0	40.5	17	₹ **4,950**
PT-6530/100	53.5	48.0	33.5	18	₹ **5,750**
PT-6530/105	58.0	44.0	45.0	19	₹ **6,950**
PT-6530/110	60.0	51.0	56.5	20	₹ **9,500**

PT-6540
SILICONE RUBBER CORKS (TRANSLUCENT)

HSN 40169980

MODEL	NO.	BOTTOM DIA. (MM) ±0.2	TOP DIA. (MM) ±0.2	HEIGHT (MM) ±0.2	RATE PER PIECE
PT-6540/05	9	9	11.5	20	₹ **19**
PT-6540/10	11	11	14	24	₹ **25**
PT-6540/15	13	14	16	24	₹ **30**
PT-6540/20	15	15	18	24	₹ **40**
PT-6540/25	17	17	20	26	₹ **50**
PT-6540/30	18	18	21	26	₹ **58**
PT-6540/35	19	19	22.5	28	₹ **65**
PT-6540/40	23	23	25.5	28	₹ **85**
PT-6540/45	25	25	28.5	28	₹ **100**
PT-6540/50	27	27	31	32	₹ **125**
PT-6540/55	29	29	33	32	₹ **160**
PT-6540/60	31	31	36	35	₹ **210**
PT-6540/65	33	33	38.5	38.5	₹ **295**

PT-6550
RUBBER CONES FOR BUCHNER FUNNEL

HSN 40169990

MODEL	SIZE SUITABLE FOR	RATE
PT-6550/05	250 ml flask	₹ **85**
PT-6550/10	500 ml flask	₹ **85**
PT-6550/15	1000 ml flask	₹ **165**
PT-6550/20	2000 ml flask	₹ **165**
PT-6550/25	5000 ml flask	₹ **230**
PT-6550/30	10,000 ml flask	₹ **425**

PT-6560
SUB SEAL STOPPERS

Rubber autoclavable with turn-over flange and serrations for test tube.

HSN 40169990

MODEL	TEST TUBE O.D mm	RATE
PT-6560/05	12	₹ **26**
PT-6560/10	15	₹ **29**
PT-6560/15	18	₹ **45**
PT-6560/20	25	₹ **55**

PT-6570
PIPETTE BULB (BEST QUALITY RUBBER)

HSN 40169980

MODEL	DESCRIPTION	RATE
PT-6570/05	Pipette Bulb Small	₹ **50**
PT-6570/10	Pipette Bulb Large	₹ **60**
PT-6570/15	Pipette Filler	₹ **175**

PT-6580
CHLOROFORM BELLOW WITH COTTON NET

₹ **350**

PT-6590
ATOMIZER BULB (WITH LONG TUBE)

HSN 40169980

₹ **175**

Notes:

Terms of Contract for Customers and Dealers

1. Order Placement and Acceptance
   - All orders must be submitted in writing via email, or our mobile number.

2. Pricing and Payment Terms
   - Prices are subject to change without prior notice. The applicable price is the one in effect at the time of order confirmation.
   - Payment terms are 30 days from the date of invoice, unless otherwise agreed in writing.
   - Late payments may incur interest charges of 18% per month, compounded monthly.

3. Delivery and Shipping
   - Delivery dates are estimates only and not guaranteed. We are not liable for any delays beyond our control.
   - Risk of loss passes to the customer upon delivery of goods to the carrier.

4. Returns and Cancellations
   - Return of goods is only accepted with prior written approval and must be requested within 15 days of receipt.
   - Returned goods must be in original condition and packaging.
   - Cancellations must be requested in writing and may incur cancellation fees if the order is already in production or has been shipped.

5. Warranty and Liability
   - We warrant that our products are free from defects in material and workmanship for a period of 12 months from the date of delivery.
   - Our liability is limited to the repair, replacement, or refund of defective products, at our discretion. We are not liable for any consequential or incidental damages.

6. Dealer Responsibilities
   - Dealers are responsible for promoting and selling our products within their designated territories.
   - Dealers must adhere to our brand guidelines and pricing policies.
   - Unauthorized use of our trademarks, logos, or intellectual property is prohibited.

7. Confidentiality
   - All parties agree to keep confidential any proprietary or sensitive information exchanged during the course of business.

8. Governing Law and Jurisdiction
   - This contract shall be governed by and construed in accordance with the laws of Ambala Cantt.
   - Any disputes arising from this contract shall be resolved in the courts of Ambala Cantt.

9. Force Majeure
   - We are not liable for failure to perform any obligation under this contract due to events beyond our control, such as natural disasters, war, strikes, or other force majeure events.

10. Amendments and Modifications
   - Any amendments or modifications to these terms must be agreed upon in writing by both parties.

11. Entire Agreement
   - These terms, along with any attached documents, constitute the entire agreement between the parties and supersede all prior agreements, whether written or oral.

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