

SENIOR DISSECTING MICROSCOPE

MC505 ::



MC505

Specifications/Details :

Heavy round base with a precisely designed body, providing convenience for easy lifting and movement. Sensitive focussing is done by rack & pinion moving on a lapped dovetailed guideway with a stopper to limit the downward movement. A joint Revolving Arm is provided for moving high eye point lenses over full area of the stage. It is easily replaceable by a special BULL EYE LENS 83mm diameter, to increase the field of vision. A plano-concave mirror fitted in fork for light reflection, sturdy removable hand-rests and arrangement for inserting white or black plate for respective background, help easy working on the Specimen. Complete packed in a sturdy wooden carrying cabinet, with provision for placing the hand-rests, Bull Eye lens and the Magnifying Glass.

- > **Optics:** 10x & 20x Eyepiece & Special Bull Eye Lens 83mm diameter.
- > **Object Stage Size :** 100mm x 100mm with glass plate.

ELEMENTARY MICROSCOPE

MC510 ::

Specifications/Details :

The school microscope is designed for younger students of elementary education. It meets the needs of Science Teaching and demonstration to beginners at school level. Being light weight & handy, it helps carrying around and is simple to use, yet having features of a Compound Microscope. Precision optical system features achromatic, Optical Glass Lenses and metal components are engineered for years of reliable performance. Complete packed in strong Cardboard box.

Vertical Monocular Body Height - 275mm, Mechanical Tube Length - 160mm, Fixed Square Stage - 75x85mm, Rack and Pinion Motion for focussing, Plan & Concave Mirror 38mm. Complete packed in Strong Cardboard box.

- > **Optical Combination:** Achromatic Objectives - 10x
Huygenian Eyepiece - 10x or 15x
- > **Magnification:** 100x or 150x
- > **Optional:** Wooden storing carrying case (with extra charges. Please see price list).



Mc510

JUNIOR SCHOOL MICROSCOPE

MC520 ::



MC520

Specifications/Details :

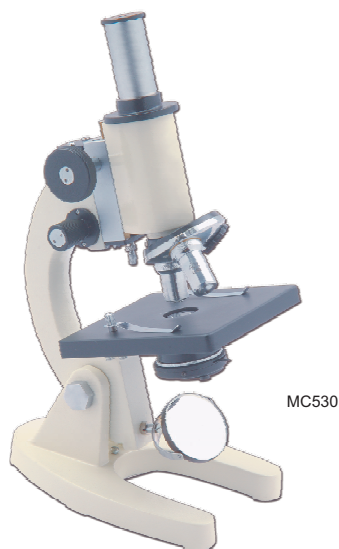
- > **Stand :** Stable and robust, assembled from Aluminium Metal parts. Heavy Metal Base Stand of cast iron for body stability. Total Height 285mm.
- > **Body :** Monocular Tube inclinable upto 90°, Mechanical Tube length 160mm.
- > **Stage :** Fixed Square Stage Size 100x100mm with Stage Clips.
- > **Nosepiece :** Triple revolving nosepiece with positive centering & click stops.
- > **Condenser :** Adjustable variable Iris Diaphragm with Filter-holder.
- > **Focussing :** By Vertical movement of body tube through coarse motion knobs having Rack-Pinion movement.
- > **Safety Device :** Adjustable down movement stopper for preventing accidental damage to slides.
- > **Illumination :** Plano-Concave Mirror diameter 50mm mounted on gimbal mount.
- > **Objectives :** Achromatic 4x, 10x & 40x SL.
- > **Eyepieces :** Huygenian 10x and 15x.
- > **Accessories :** Vinyl Cover, Duster, Cleaning Brush, Filter & Operating Manual.
- > **Packing :** In full mould Styrofoam/Thermocol Container.
- > **Optional :** Mechanical Stage, Wooden Storing Cabinet, Pointer Eyepiece, Spare Objectives, Sub-Stage Lamp for 220V/110V. (With extra charges).

MC519 : All specifications are as per Model MC520 but, with single objective 10x and without fitting of a Nosepiece.

MC521 : All specifications are as per Model MC520 but, with the addition of an inclined Eyepiece Tube for comfortable & convenient observation.

SENIOR SCHOOL MICROSCOPE

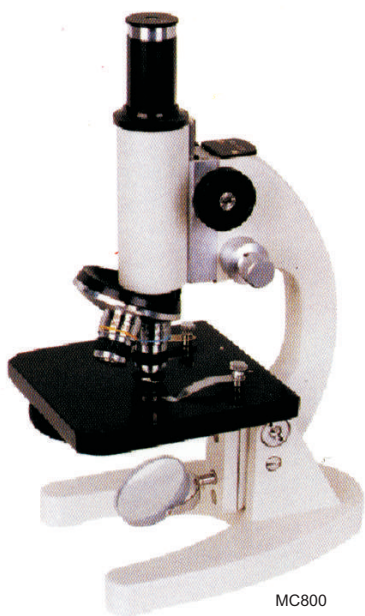
MC530 ::



Specifications/Details :

- > **Stand** : Stable and Robust, assembled from Aluminium Die- Cast parts.
- > **Body** : Monocular Tube inclinable upto 90°, Mechanical Tube length 160mm.
- > **Stage** : Fixed Square Stage Size 120x120mm with stage Clips.
- > **Nosepiece** : Triple revolving nosepiece with positive centering & click stops.
- > **Condenser** : Fixed Condenser (N.A. 1.2) with Iris diaphragm & filter holder.
- > **Focussing** : By vertical movement of body tube, coarse adjustment by rack-pinion movement and fine by screw lever mechanism.
- > **Safety Device** : Adjustable down movement stopper for preventing accidental damage to slides.
- > **Illumination** : Plano-Concave Mirror diameter 50mm mounted on gimbal mount.
- > **Objectives** : Achromatic 10x & 40x.
- > **Eyepieces** : Huygenian 5x, 10x, 15x (Any two) or Wide field 10x.
- > **Accessories** : Vinyl Cover, Duster, Cleaning Brush, Filter.
- > **Packing** : In full mould Styrofoam/Thermocol Container.
- > **Optional** : Mechanical Stage, Wooden Storing Cabinet with Lock and Key, Draw Tube, Spare Objectives, Sub-Stage Lamp for 220V / 110V. (With extra charges).

STUDENT BIOLOGICAL MICROSCOPES



MC800



MC803



MC806

	Specification STUDENT BIOLOGICAL MICROSCOPES	Item Code		
		MC800	MC803	MC806
Eyepiece	H5X, H10X, H12.5X	✓		
	H5X, H10X, H16X		✓	✓
Objective	35mm Objective 10X, 40X (S)	✓	✓	
	35mm Objective 10X, 40X (S), 100X (S, Oil)			✓
Stage	Plain Stage with Slide clips, 110X120mm	✓	✓	
	With Attachable Mechanical Stage, 110X120mm/60X30mm			✓
Condenser	Disc Diaphragm	✓		
	Iris Diaphragm		✓	
	Abbe NA1.25 with Iris Diaphragm and Filter			✓
Illumination	Plan-concave Mirror	✓	✓	✓

MODERN ACADEMIC BIOLOGICAL MICROSCOPES



Specification MODERN ACADEMIC BIOLOGICAL MICROSCOPES		Item Code					
		MC830	MC832	MC834	MC836	MC838	MC840
Viewing Head	Monocular Head 45°, 360°	✓	✓		✓	✓	
	Binocular Head 30°, 360°			✓			✓
Nosepiece	Triple Nosepiece	✓					
	Quadruple Nosepiece		✓	✓	✓	✓	✓
Eyepiece	Wide Field Eyepiece WF10X	✓	✓	✓	✓	✓	✓
Objective Achromatic	35mm Objective 4X, 10X, 40X (S)	✓					
	35MM Objective 4X, 10X, 40X(S), 100X(S,Oil)		✓	✓			
	Objective (DIN) 4X, 10X, 40X (S), 100X (S,Oil)				✓	✓	✓
Stage	Plain 125X120mm	✓					
	With Attachable Mechanical Stage Moving Range 60x30mm		✓	✓	✓		
	Double Layers Mechanical Stage 120x120mm/60x30mm					✓	✓
Focusing	Coarse	✓					
	Separate Coarse & Fine Adjustment		✓	✓			
	Coaxial Coarse & Fine Adjustment, Range 13mm, Fine Divisin 0.002mm				✓	✓	✓
Condenser	Single Lens W/Iris	✓					
	Abbe Condenser NA1.25with Iris Diaphragm & Filter, Sprial up & down		✓	✓	✓		
	Abbe NA 1.25 W/Iris, Rack & Pinion Adjustment					✓	✓
Illumination	Fluorenscent Lamp 7W, 220V	✓	✓	✓			
	Halogen Lamp 220V * Brightness Adjustable				✓	✓	✓
Optional Accessories	Mirror, Demenstration Head, Eyepiece P16X	✓	✓	✓	✓	✓	✓

STUDENT BIOLOGICAL MICROSCOPE



MC815



MC817



MC819

	Specification	Item Code		
		MC815	MC817	MC819
	STUDENT BIOLOGICAL MICROSCOPES			
Viewing Head	Monocular Head, at 45°, 306° Rotatable	✓	✓	✓
Eyepiece	Wide Field Eyepiece WF 10X	✓	✓	✓
Objective	Achromatic DIN 4X, 10X, 40X (S)	✓	✓	
	Achromatic DIN 4X, 10X, 40X (S), 100X (S,Oil)			✓
Stage	Plain Stage with Slide clips, 120X130mm	✓	✓	
	With Attachable Mechanical Stage, 120X130mm/60X30mm			✓
Focusing	Separate coarse & Fine Adjustment with Tension Control	✓	✓	✓
Condenser	Single Lens with Disc Diaphragm	✓	✓	
	Abbe NA1.25 with Iris Diaphragm and Filter			✓
Illumination	Plan-concave Mirror	✓		
	Built- in Illumination, Incandescent Lamp 220V/15W*		✓	✓

*110V available on request.

ADVANCE RESEARCH MICROSCOPE

MC855 ::



MC855

ADVANCE RESEARCH MICROSCOPE

MC850 ::



MC850

Specifications/Details :

- > Viewing Head : Binocular head
- > Eyepiece: Eyepiece WF10X, P16X
- > Objective : 4X, 10X, 40X(S), 100X (S,Oil)
- > Nosepiece : Quadruple Nosepiece
- > Stage : Mechanical Stage 140 x 140mm/75x 50mm
- > Condenser : NA1.25 Abbe Condenser
- > Illumination : Halogen Lamp Illumination 220V/6V20W*
- > High Level Microscope with High Resolution and Transmission.
- > Big Operating Space with Backward Nosepiece, Sharp Image with High Quality Objective.
- > Easier Comparing Test with Dual Slides Finger of Mechanical Stage.
- > Comfortable handling with Precise Focusing System.

Specifications/Details :

- > Viewing Head : Binocular Head
- > Eyepiece : Eyepiece WF10X & P16X
- > Objective : Achromatic 4X, 10X, 40X, 100X
- > Bright Field Condenser
- > Collector

*110V available on request.

MONOCULAR RESEARCH MICROSCOPE

MC610 ::

Specifications/Details :

- > **Observation Head** : Monocular 45 degree inclined tube rotatable through 360 degree for any professional operation and can be locked in any direction.
- > **Stand** : One piece die cast arm and large size rectangular, heavy stable base with Transformer and electrical fittings concealed inside.
- > **Nosepiece** : Precise Quadruple revolving Nosepiece with precise centring and positive click stops ensuring accurate position of objectives.
- > **Stage** : Built-in graduated mechanical stage of size 135x120mm is controlled by convenient low co-axial positioned knobs for easy and smooth scan of the specimen slides over entire range of 50x75mm.
- > **Focussing** : By vertical movement of stage, coarse adjustment by rack-pinion and fine movement by screw lever mechanism driven by graduated knob.
- > **Condenser** : Bright field, Abbe N.A. 1.25 with Iris-diaphragm and swing out filter holder can be moved through rack-pinion. The Condenser unit incorporates high efficiency optical system for optimum utilization of light from low to high magnification. It is interchangeable with professional accessories.
- > **Illumination** : V-20W Halogen Lamp fitted directly under the field lenses operated through solid state variable controlled transformer 220 Volts. Reflector attachment for working in day light is also provided.
- > **Objectives**: Achromatic 4x, 10x, 40x SL and 100x SL Oil Immersion.
- > **Eyepieces** : Wide Field Wf10x.
- > **Packing** : In full mould Styrofoam/Thermocol Container.
- > **Accessories** : Vinyl Cover, Duster, Cleaning Brush, Filter, 25ml of Immersion Oil, a roll of Lens paper, 100ml of lens cleaning solution and Operating Manual.



MC610

MC611 :All specifications are as per Model MC610 but, with Achromatic Hard Coated Standard Objectives 4x, 10x, 40x SL and 100x SL Oil Immersion.
MC612 :All specifications are as per Model MC610 but, with DIN Size Achromatic Hard Coated Objectives 4x, 10x, 40x SL and 100x SL Oil.

BINOCULAR RESEARCH MICROSCOPE

MC620 ::

Specifications/Details :

- > **Observation Head** :Binocular Head is equipped with Standard 45 degree inclined observation tubes, rotatable through 360 degree and can be fixed in any direction with a clamp screw. Interpupillary distance from 53 to 75mm and Diopter adjustments are provided.
- > **Stand** : One piece die cast arm and large size rectangular, heavy stable base with Transformer and electrical fittings concealed inside.
- > **Nosepiece** : Precise Quadruple revolving Nosepiece with precise centring and positive click stops ensuring accurate position of objectives.
- > **Stage** : Built-in graduated mechanical stage of size 135x120mm is controlled by convenient low co-axial positioned knobs for easy and smooth scan of the specimen slides over entire range of 50x75mm.
- > **Focussing** : By vertical movement of stage, coarse adjustment by rack-pinion and fine movement by screw lever mechanism driven by graduated knob.
- > **Condenser**: Bright field, Abbe N.A. 1.25 with Iris-diaphragm and swing out filter holder can be moved through rack-pinion. The Condenser unit incorporates high efficiency optical system for optimum utilisation of light from low to high magnification. It is interchangeable with professional accessories.
- > **Illumination** : 6V-20W Halogen Lamp fitted directly under the field lenses operated through solid state variable controlled transformer 220 Volts. Reflector attachment for working in day light is also provided.
- > **Objectives** : Achromatic 4x, 10x, 40x SL and 100x SL Oil Immersion.
- > **Eyepieces** : Wide Field Wf10x.
- > **Packing** : In full mould Styrofoam/Thermocol Container.
- > **Accessories** : Vinyl Cover, Duster, Cleaning Brush, Filter, 25ml of Immersion Oil, a roll of Lens paper, 100ml of lens cleaning solution and Operating Manual.



MC620

MC621:All specifications are as per Model MC620 but, with Achromatic Hard Coated Standard Objectives 4x, 10x, 40x SL and 100x SL Oil Immersion.
MC622:All specifications are as per Model MC620 but, with DIN Size Achromatic Hard Coated Objectives 4x, 10x, 40x SL and 100x SL Oil Immersion.

BINOCULAR MICROSCOPE

MC859 ::

Specifications/Details :

- > New machining facility and advanced alignment technology.
- > Complete functions and outfit of binocular microscope.
- > Comfortable operation with updated and ergonomic design.

Specification

Viewing Head	Compensation Free Binocular Head, Inclined at 30°, Interpupillary Distance 48-75mm
Eyepiece	WF10x/18
Objective	Achromatic Objective 4X, 10X, 40X, 100X
Nosepiece	Backward Quadruple Nosepiece
Stage	Double Layer Mechanical Stage 132 142mm/ 75 40mm
Focusing	Coaxial Coarse & Fine Adjustment, Moving Range 24mm, Fine Division 0.004mm
Condenser	Abbe NA 1.20 with Iris Diaphragm & Filter
Illumination	S-LED, Brightness Adjustable

Optional Accessories : Phase Contrast Kit, Dark Field Attachment, Polarization Attachment



MC859

www.kiransurgicalsystems.com www.kiranmedicareequipments.com, www.kisusy.com, www.d4h.co.in, www.d4s.co.in

ECONOMY MICROSCOPES



MC880



MC875



MC888

ECONOMY MICROSCOPE

Specifications/Details :

- > Eyepiece : Wide Field Eyepiece WF10X
- > Objective : Achromatic Objective DIN 4X, 10X, 40X(S), 100X(S,Oil)
- > Stage : With Attachable Mechanical Stage, 110X120mm/60X30mm
- > Focusing : Separate Coarse & Fine Adjustment with Tension Control
- > Condenser : Abbe NA1.25 with Iris Diaphragm and Filter.
- > Built-in Illumination : Halogen Lamp 220V/6V20W*

- MC880 : Monocular Research Microscope
- MC881 : Binocular Research Microscope
- MC882 : Trinocular Research Microscope

ECONOMY MICROSCOPE

MC875	MC888
Viewing Head : 45°, 360° Monocular Head, at 45°, 360° Rotatable	
Eyepiece : WF10X, Wide Field Eyepiece WF10X	
Objective : DIN 4X, 10X, 40X(S) Achromatic Objective DIN 4X, 10X, 40X (S)	
Stage : Plain Stage with Slide with Slide Clips, 120x130mm	
Single Lens with Disc Diaphragm	Abbe NA1.25 with Iris Diaphragm and Filter
Buil-in Illumination : Incandescent Lamp 220V / 15W, Brightness Adjustable*	

*110V available on request.

RESEARCH MICROSCOPE CO-AXIAL

MC613 ::



This is the latest and most advanced Microscope for analytical and research work in Colleges, Laboratories, Hospital and Research Institution. Microscopes are equipped with Co-axial focussing system and halogen illumination for bright and sharp image. A robust are with focussing knobs on both sides based on a 4-stage gear reduction system travelling on Ball-guides, the CO-AXIAL FOCUSING SYSTEM provides the highest degree of working convenience. Large base with built-in hand rest contours provides stability to the instrument, having built-in base 6V-20W Halogen operates on 220 volts or 100volts. Light source with on/off switch and the light intensity regulator.

A large stage (145x125mm) fitted with Mechanical stage having low drive Co-axial knobs for X-Y movement in horizontal plan and a movable Sub-stage Condenser NA 1.25 with iris diaphragm and filter holder. A low-friction and par-focal standard quadruple nosepieces. Turret on a dust proof carrier provides a lifelong smooth rotation. The built-in click stop, brings each objective to a perfect alignment for common field centre. High degree performance and resolution is provided through observation heads inclined at 45°.

The Monocular, Binocular and Trinocular versions are available with a 360° rotatable, locked on the stand. The Microscope system gives maximum resolution and color fidelity when used with DIN size hard coated Achromatic Objectives and Wide Field eye-pieces.

- Having following DIN size Optical combination :
- Ach. Objective : 4x, 10x, 40x and 100x Oil Immersion.
 - Eye-pieces : WF 10x & H 15x (Paired).
 - > Achromatic Objectives.
 - > Hard Coated Semi Plan Objectives for anti reflection.

- MC613a : Monocular Microscope
- MC613b : Binocular Microscope
- MC613c : Trinocular Microscope

INVERTED TISSUE CULTURE MICROSCOPE

MC614 ::

Specifications/Details :

Binocular Inverted Tissue Culture Microscope with quadruple revolving nosepiece, equipped with Binocular Observation Head and best quality optical components having full prismatic optical path, large co-axial mechanical stage of size 165mm x 180mm, co-axial coarse & fine focussing knobs with adjustable tension control ring, variable intensity controlled built in base solid-state transformer, fitted with 6V 20 watts halogen bulb and illumination based on Keohler's system. Supplied with following optical combination in a storing box.

Ach. Objectives : 4x 10x LWD, 20x & LWD 40x.
Eye Pieces : WF 10x (Paired)



STUDENT STEREO MICROSCOPES

MC560 ::



MC560

Specifications/Details :

The student stereo microscope has been designed for Dissection/Inspection of Specimens in Biology. Precisely designed long working distance objectives & wide field eyepieces produce an extremely large, brilliant & bright images. It is light in weight having sturdy base, stage with clips and reversible black & white plate, straight Binocular Head with Interpupillary adjustment & hand grip on stand for safe handling. Fixed Achromatic Objectives 2x or 3x & wide-field eyepieces WF 10x or WF 15x (paired) are available.

> **Packing** : In full mould Styrofoam/Thermocol Container.

MC561 : All specifications are as per Model MC560 but, with transillumination base suitable for artificial transmitted light with detachable elbow hand rest.

STEREOSCOPIC MICROSCOPE

MC566 ::



MC566

Specifications/Details :

The significant advantage of Stereoscopic Microscope is that by using two optical systems, an erect image of the object can be seen in three dimensions in the field of view with high resolution. Stereo Microscopes are being used in every field of Education, Electronics, Watch Industry, Tool Industry, Food Industry, Dissection of Organism, Medical Science, Inspection & Research purposes.

- > **Observation Head** : Binocular Head inclined at 45°, rotated through 360°, can be locked in any position by using thumb screws. The interpupillary distance is adjustable between 55 to 75 and the right eye tube has dioptric focusing adjustment.
- > **Objective** : The Microscope has a set of two standard Objectives 2X & 4X. The low & high powered objectives are selected by rotating the nosepiece through 90°, having parfocal magnification.
- > **Eyepieces** : The standard extra wide field eyepieces WF 10x is provided.
- > **Magnification** : Standard Magnification 20x & 40x with flat field.
- > **Image** : Erect, Three dimensional, Crisp and sharp image.
- > **Focusing** : By Rack and Pinion mechanism with adjustable tension collar.
- > **Illumination** : With Integral Illuminator, two lamps are fitted to provide both transmitted & incident illumination. The lamps can be switched on separately or together. Complete with a glass plate having two stage clips.
- > **Power Supply** : 220V-240V AC or 110V-120V AC, 50-60 Hz.
- > **Accessories** : Vinyl Cover, Dust Covers, Duster & Cleaning Brush.
- > **Packing** : In full mould Styrofoam/Thermocol Container.
- > **Optional Accessories** : An array of different stands, stages and attachments designed to fit a variety of specific requirements. Choice of two objective combination 1x-2x or 1.5x-3x. Spare Eyepieces WF10x and Dark Field attachment.

MC567 : All specifications are as per Model MC566 but, without Illumination.

BINOCULAR STEREO ZOOM MICROSCOPE (Education to Research Use)

MC568 ::

Specifications/Details :

- > **Observation Head** : 45-degrees inclined Binocular head can be rotated through 360-deg.
- > **Focussing** : Rack and Pinion focussing system, single stroke upto 50mm.
- > **Magnification** : Standard magnification from 10x to 50x (zooming ratio 1:5)
- > **Illumination** : incident and transmitted illumination 20W, halogen lamps.
- > **Eyepieces** : High point Wide Field Eyepiece HWF 10x in pair.



STUDENT DOOM PROJECTION MICROSCOPE

MC550 ::

Specifications/Details :

- > **Stand** : Stable and robust, assembled from Aluminium Die-Cast parts.
- > **Body** : Monocular Fixed Straight Tube, Mechanical Tube length 160mm.
- > **Stage** : Fixed Square Stage Size 115 x 115mm with graduated detachable mechanical stage for convenient adjustment of Slide manipulation upto 40 x 75mm.
- > **Nosepiece** : Triple revolving nosepiece with positive centering & click stops.
- > **Condenser** : Fixed built-in lamp condenser N.A. 0.65.
- > **Focussing** : Separate knobs are provided for coarse and fine focussing. Coarse adjustment can be made through rack-pinion & fine movement by screw-lever mechanism.
- > **Safety Device** : Upper stopper for preventing accidental damage to slides.
- > **Illumination** : 20W Halogen Bulb is provided with solid state variable light control knob, for adjusting the intensity of light, along with ON/OFF Switch. Lamp slots are provided for natural cooling of the illuminator. The Transformer is built in the base operates on 220V / 110V.
- > **Screen** : 150mm diameter round Glass Projection Screen is provided for relaxed fatigue-free viewing over long period, can be rotated through 360° on microscope tube.
- > **Objectives** : Achromatic 5x, 10x & 45x SL.
- > **Eyepieces** : Huygenian 10x and 15x.
- > **Accessories** : Vinyl Cover, Duster, Cleaning Brush and spare bulb.
- > **Packing** : In full mould Styrofoam/Thermocol Container.

MC549 : All specifications are as per Model MC 550 but...

has only two objectives 10x & 45x Screen Size 100mm and without Detachable Mechanical Stage.



SLIDES & COVER SLIPS

Minimum order quantity 3000 box assorted



Microscope Slides, Size 1" x 3", Thickness 1 - 1.2 mm, Box of 50 pcs

Code	Description
MA100	Plain slides, cut edge
MA105	Frosted one end, one side, cut edge
MA110	Plain slides, ground edge
MA115	Frosted one end, one side, ground edge



Minimum order quantity 5000 box assorted

Microscope Cover Slips	Thickness 0.13 - 0.17mm	Thickness 0.17 - 0.25mm	Packing
12 x 12 mm	MA200	MA250	100 pcs / Box
14 x 14 mm	MA203	MA254	100 pcs / Box
16 x 16 mm	MA206	MA258	100 pcs / Box
18 x 18 mm	MA209	MA262	100 pcs / Box
20 x 20 mm	MA212	MA266	100 pcs / Box
22 x 22 mm	MA215	MA270	100 pcs / Box
24 x 24 mm	MA218	MA274	100 pcs / Box
24 x 32 mm	MA221	MA278	100 pcs / Box
24 x 40 mm	MA224	MA282	100 pcs / Box
24 x 50mm	MA227	MA286	100 pcs / Box
24 x 60 mm	MA230	MA290	100 pcs / Box

CENTRIFUGE AUTO STOP



CENTRIFUGE AUTO STOP MODEL		
Code	CNT-415	CNT-615
Type	4 x 15ml	6 x 15ml
Capacity	4 No. of Tubes (Swing Out head)	6 No. of Tubes (Swing Out head)
Mains Input	220v, 50Hz. (110V, 60 Hz. available on request)	220v, 50Hz. (110V, 60 Hz. available on request)
Max. Speed	3100 RPM	3100 RPM
Max. R.C.F.	1750 x g	1750 x g
Timer	0 to 30 min.	0 to 30 min.
Motor	Universal (AC/DC Carbon Brush Type)	Universal (AC/DC Carbon Brush Type)
W x D x H	300x300x245mm	300x300x245mm
Weight	3.4 Kg Net	3.45Kg Net

HEMATOCRIT CENTRIFUGE (with digital timer & digital RPM)



HEMATOCRIT CENTRIFUGE (with digital timer & digital RPM)		
Code	CNT-12	CNT-13
Capacity	12 Nos. of Capillary Tubes	24 Nos. of Capillary Tubes
Mains Input	220v, 50Hz. (110V, 60 Hz. available on request)	220v, 50Hz. (110V, 60 Hz. available on request)
Max. Speed	12000 RPM (Digital)	12000 RPM (Digital)
Timer	0 to 60 min.(Digital)	0 to 60 min.(Digital)
Motor	Universal (AC/DC Carbon Brush Type)	Universal (AC/DC Carbon Brush Type)
Lock	Electrical Lock	Electrical Lock
RPM Indicator	Digital upto 5 digits	Digital upto 5 digits
Speed Regulator	Step Less	Step Less
W x D x H	354x454x230mm	354x454x230mm
Weight	12.0 Kg Net	12.0 Kg Net



Hot Air Sterilizer - upto 250°C

(Laboratory Electric Oven Universal Type)

Temperature thermostatically controlled by hydraulic thermostat from 50°C to 250°C with a sensitivity of +/- 1°C in bare oven. Beaded heating elements are placed in ribs at the bottom and sides. Built in I-shape thermometer. Double walled, inside made of aluminium or stainless steel & outside mild steel sheet painted with attractive stove enamel with adjustable wire mesh nichol plated trays, on/off rocker switch with indicator & thermostat indicator, to work on 220/230 volts AC.

No.	Size (Width x Height x Depth)	Litres (Approx.)	Trays	Aluminium Chamber (CODE)	S.S. Chamber (CODE)
A	300x300x300mm = 12"x12"x12"	27	2	SE901	SE902
B	350x350x350mm = 14"x14"x14"	43	2	SE903	SE904
C	450x450x450mm = 18"x18"x18"	91	2	SE905	SE906
D	450x600x450mm = 18"x24"x18"	122	2	SE907	SE908
E	600x600x600mm = 24"x24"x24"	216	2	SE909	SE910
F	600x900x450mm = 24"x36"x18"	243	3	SE911	SE912
G	600x900x600mm = 24"x36"x24"	324	3	SE913	SE914



Hot Air Sterilizer

(Laboratory Electric Oven Universal Type)

Triple wall with air circulating system upto 250°C : in this system there is one path of circulating hot air in between the inner chamber and insulation. Forced air, moved by the motorized blower results in minimum temperature variation at any point in working space.

Temperature controlled by digital indicator cum controller pid based with safety alarm from 50°C to 250°C with a sensitivity of +/- 1°C or better in bare oven. Working chamber is made of stainless steel 304 grade and outside made of mild steel painted with good stoving enamel with adjustable wire mesh nickel plated trays. To work on 220/230 volts AC supply.

No.	Size (Width x Height x Depth)	Litres (Approx.)	Trays	S.S. Chamber (Code)
A	350x350x350mm = 14"x14"x14"	43	2	SE925
B	450x450x450mm = 18"x18"x18"	91	2	SE926
D	450x600x450mm = 18"x24"x18"	122	2	SE927
E	600x600x600mm = 24"x24"x24"	216	2	SE928
F	600x900x450mm = 24"x36"x18"	243	3	SE929

Optional Accessories (Order Separately):

- SE915 Air circulating fan.
- SE916 Mechanical timer of 2 hours.
- SE918 Digital indicator cum controller PID based with safety alarm with air circulating fan without thermometer & thermostat.
- SE920 Digital Controller cum Indicator PID Based with safety alarm with air circulation fan cum digital timer with alarm system after set time.
- SE930 Digital controller dual display.

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Laboratory Rectangular Heating Plate with Cast Iron Top

This is very useful for continuous heating upto 350°C. The body is made of specially designed with perforated P.C.R.C. sheet painted with attractive stove enamel.

NOTE : Accuracy with Digital Controller cum Indicator will be 2°C ± or Better.

No.	Size (B x L x H)	Rating	With Energy Regulator	With Thermostat upto 300°C	With Digital Controller PID Based
A	25 x 30 x 18 cm. (10"x12"x7")	1.2 K.W.	SE810	SE820	SE830
B	25 x 40 x 18 cm. (10"x16"x7")	1.5 K.W.	SE813	SE823	SE833
C	30 x 45 x 18 cm. (12"x18"x7")	2.0 K.W.	SE816	SE826	SE836

NOTE : Accuracy with Digital Controller cum Indicator will be 2°C ± or Better.



Laboratory Round Heating Plate

The Body is made of P.C.R.C. sheet painted with attractive stove enamel. The top of plate is 20.5 cm dia. fitted with an indicating lamp. This type of heating plate is very useful for fast heating upto 500°C. To work on 220/230 Volts A.C.

NOTE : Accuracy with Digital Controller cum Indicator will be 2°C ± or Better.

Size	Rating	With Energy Regulator	With Digital Controller PID Based
20.5 cm. (8")	1.5 K.W.	SE811	SE821

NOTE : Accuracy with Digital Controller cum Indicator will be 2°C ± or Better.

□ OTHER LABORATORY PRODUCTS



Laboratory Incubator Universal Type

Temperature Thermostatically controlled by hydraulic thermostat 5°C above ambient to 70°C with a sensitivity of $\pm 0.5^\circ\text{C}$ in Bare Incubator. Beaded heating elements are placed in ribs at the bottom and sides. Double walled, inside Aluminium Anodized or Stainless Steel & outside mild steel sheet painted with attractive stove enamel. Door has double glass viewing, built in horizontal L-shape glass thermometer with wire mesh nichol plated adjustable trays, Rocker Switch with Indicator & Thermostat Indicator, to work on 220/230 Volts A.C.



No.	Size inside Chamber Width x Ht. x Depth	Approx. Litres	Trays	Aluminium Chamber	Stainless Steel (304G) Chamber
A	300 x 300 x 300mm (12"x12"x12")	27	2	SE100	SE101
B	350 x 350 x 350mm (14"x14"x14")	43	2	SE102	SE103
C	450 x 450 x 450mm (18"x18"x18")	91	2	SE104	SE105
D	450 x 600 x 450mm (18"x24"x18")	122	2	SE106	SE107
E	600 x 600 x 600mm (24"x24"x24")	216	2	SE108	SE109
F	600 x 900 x 450mm (24"x36"x18")	243	3	SE110	SE111
G	600 x 900 x 600mm (24"x36"x24")	324	3	SE112	SE113

Laboratory Incubator with Perfect System

In this system there is one path of circulating Hot Air in between the inner chamber and insulation. Forced Air Moved by the motorised blower is called PERFECT SYSTEM. It results minimum temperature variation at any point in working space.

Temperature controlled by Digital Indicator cum Controller PID Based with Safety Alarm from 5°C above ambient to 70°C with a sensitivity of $\pm 0.1^\circ\text{C}$ in Bare Incubator. Working chamber is made of Stainless Steel 304 Grade and outside made of mild steel painted with good stoving enamel with adjustable wire mesh nichol plated trays. To work on 220/230Volts A.C.supply.

No.	Size inside Chamber Width x Ht. x Depth	Approx. Litres	Trays	Stainless Steel (304G) Chamber
A	350 x 350 x 350mm (14"x14"x14")	43	2	SE120
B	450 x 450 x 450mm (18"x18"x18")	91	2	SE122
C	450 x 600 x 450mm (18"x24"x18")	122	2	SE124
D	600 x 600 x 600mm (24"x24"x24")	216	2	SE126
E	600 x 900 x 450mm (24"x36"x18")	243	3	SE128
F	600 x 900 x 600mm (24"x36"x24")	324	3	SE130

Optional Accessories (Order Separately):

- SE915 Air circulating fan.
- SE916 Mechanical timer of 2 hours.
- SE918 Digital indicator cum controller PID based with safety alarm with air circulating fan without thermometer & thermostat.
- SE920 Digital Controller cum Indicator PID Based with safety alarm with air circulation fan cum digital timer with alarm system after set time.
- SE930 Digital controller dual display.

NOTE :

1. Item should always be placed on shelf & not directly on floor.
2. NPL Tracibility Calibration Certificate of Controller is also provided.



Serological Water Bath Thermostatic Controlled : (without rack and thermometer)

Double walled, inside made of stainless steel 304 grade and outside mild sheet painted with attractive stove enamel. Temperature is controlled by a hydraulic thermostat from 5°C above ambient to 100°C with a sensitivity of ± 0.5°C fitted with ISI mark Tublar Element. Bath consists of 2 pilot lamps & on/off switch, to work on 220/230 Volts A.C.

No.	Size inside Stainless Steel Tank (L x B x D)	Approx. Litres	With Thermostat	With Thermostat & Stirrer with an accuracy of ± 2°C	With Stirrer & PID Based Digital Controller cum Indicator with an accuracy of ± 1°C
A	300 x 250 x 175 mm (for 2 racks)	13	SE170	SE171	SE172
B	325 x 300 x 175 mm (for 4 racks)	17	SE173	SE174	SE175
C	450 x 300 x 175 mm (for 6 racks)	23	SE176	SE177	SE178
D	600 x 300 x 175 mm (for 8 racks)	31	SE179	SE180	SE181

Note : NPL Tracibility & calibration certificate of controller is also provided.

Water Bath Rectangular Double Wall : (without thermometer)

Double walled, inside made of stainless steel 304 grade and out side mild sheet painted with attractive stove enamel. Temperature is controlled by a hydraulic thermostat from 5°C above ambient to 100°C with sensitivity of ± 0.5°C fitted with ISI mark Tublar Element. Bath consists of 2 pilot lamps & on/off switch, to work on 220/230 Volts A.C.

No.	Size inside Stainless Steel Tank (L x B x D)	Codes
A	300 x 250 x 100 mm (6 Holes of 75 mm Dia.)	SE165
B	425 x 325 x 100 mm (12 Holes of 75mm Dia.)	SE167

High Precision Water Bath :

Suitable for all laboratory application requiring constant temperature to high degree of accuracy ± 0.1°C or better. Temperature is controlled by Digital controller cum Indicator PID Based, from 5°C above ambient to 95°C. Double walled, inside made of stainless steel 304 grade and outside mild steel sheet painted with attractive stove enamel fitted with ISI mark Tublar Elements. A Glass window is fixed on the front side. Supplied complete with stirring arrangement and Goval cover. To work on 220/230 Volts. A.c.

Size of inside Stainless Steel Tank L x B x D	Approx. Litres	Code
430 x 230 x 265 mm.	26	SE185

Note : NPL Tracibility calibration certificate of controller is also provided.