

Rac Exports

Manufacturer & Exporters



Company Profile

Rac Exports was incepted in the year 1957 and is located at Ambala Cantt, Haryana. Mr. Chaitanya Aggarwal is the CEO of the company under whose headship we have been scaling new heights in the domain of scientific laboratory optical & research instruments. The company has been conferred Niryat Shiromani Puraskar for its adherence to the quality in all the business processes. The following are some of the salient attributes of the company:

Infrastructure

The company has invested considerable amount of capital for the development of state of the art infrastructure at its manufacturing unit. The unit is well equipped with modern machineries that are specially designed for the effective manufacturing of Scientific Laboratory Glassware and equipment.

Quality Assurance

Quality is the integral part of our products like Ophthalmic Surgical Instruments ,Anatomy Models, Laboratory Instruments, Laboratory Glassware Suppliers, etc. Our entire range of products is tested on different physical as well as chemical parameters before they are supplied in the market. Continuous up gradation of our products is also the part of our quality control measures.

Network

The company thrives on its well established business network that has enabled us in timely and efficient delivery of the shipment. Our market is expanding in the international markets like Malaysia, Greece, Singapore, Italy, Germany, Nigeria, Australia Bangladesh, Egypt, Belgium, Saudi Arabia, Jordan, and U.S.A. Consequently, we are reckoned as one of the credible Physics Equipment Manufacturers and Exporters from India.

QA/QC Introduction : We are committed to provide quality products to the Customers' satisfaction, promptly responding to the customers' needs and use feedback for continual improvements in our products. We shall strive to provide suitable working environment to achieve performance that consistently conforms to specified and statutory requirements.

| | | |
|-------------------------------|---|--|
| Legal Representative/CEO | : | Mr. Chaitanya Aggarwal |
| Certificate (if any) | : | NIRYAT SHIROMANI PURASKAR |
| No. of Employees | : | Below 20 |
| Year of Establishment | : | 1957 |
| Primary Business Type | : | Manufacturer Exporters |
| Quality Assurance Certificate | : | ISO 9001 : 2000 |
| QEM Service | : | Yes |
| Focus Markets | : | Malaysia, Greece, Singapore, Italy, Germany, Nigeria, Australia Bangladesh, Egypt, Belgium, Saudi Arabia, Jordan, U.S.A Etc |
| Estimated Annual Sales (USD) | : | Rs. 0.5 to 2.5 Crore |
| Product/Service We Offer | : | Plasticware, Survey Instruments, Ophthalmic Instruments, Hospital Equipment, Microscopes, Laboratory Instruments, Laboratory Glassware, Optical Lenses, Anatomical Models, Physics Equipment |

Index

Laboratory Plasticware

Laboratory Glassware

Laboratory Instruments

Advanced Projection Microscope

Inclined Coaxial Microscope

Advance Stereo Binocular Microscope

Advance Stereoscopic Microscope

Stereo Microscope

Student Microscope

Dissecting Microscope

Binocular Metallurgical Microscope

Student Microscopes Triple Nose

Metallurgical Microscope

Medical Microscope

Trinocular Research Microscope

Binocular Microscope

Inverted Tissue Culture Microscope

Portable Microscope

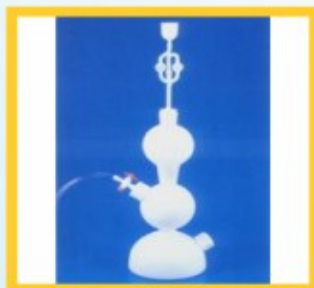
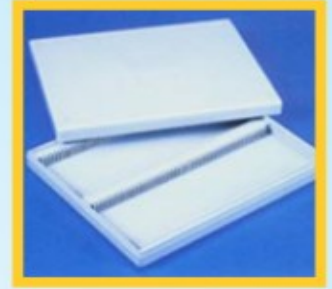
Ophthalmic Instruments

Physics Equipment

Weighing Balance

Physics Instruments

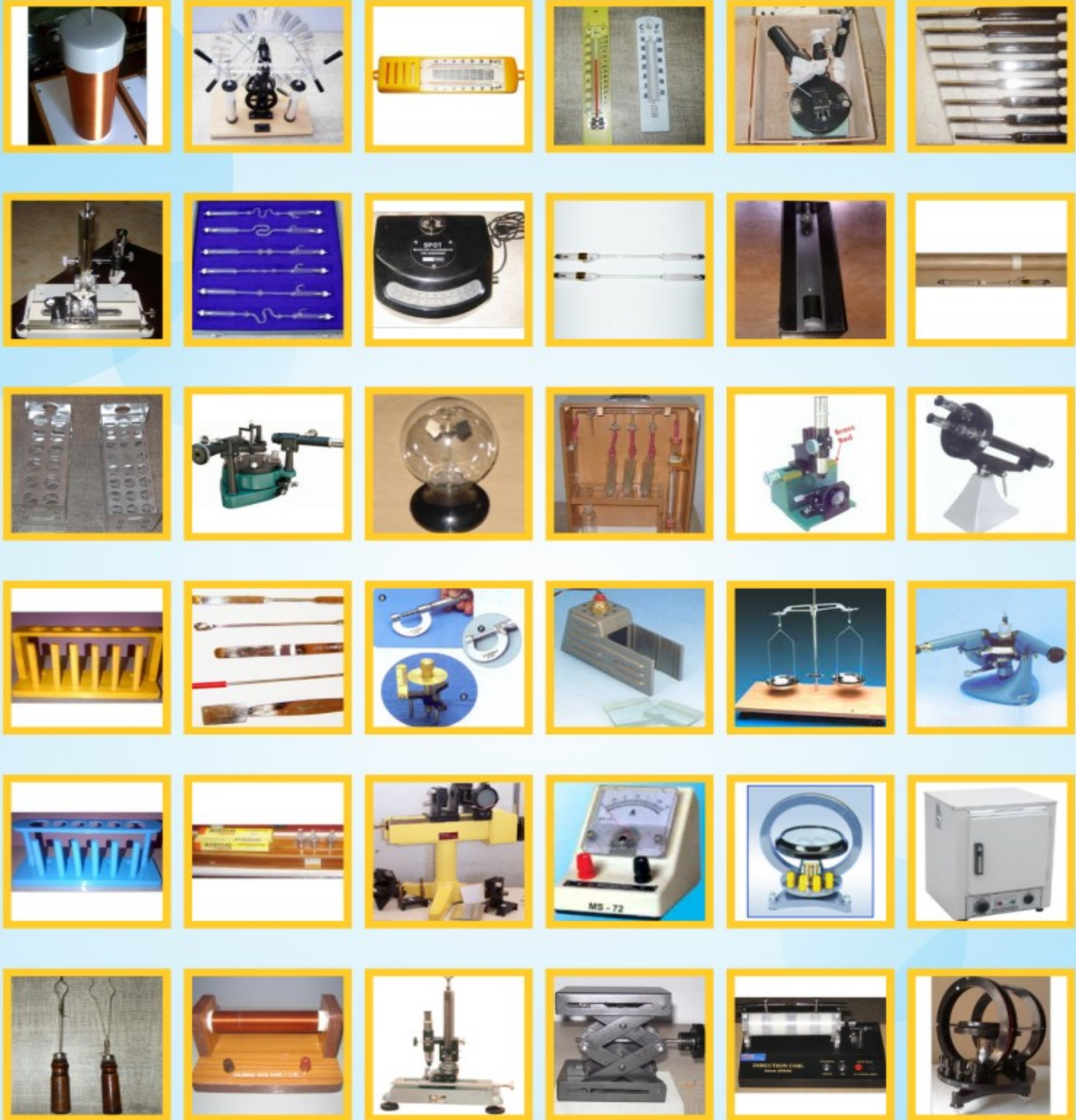
Laboratory Plasticware



Laboratory Glassware

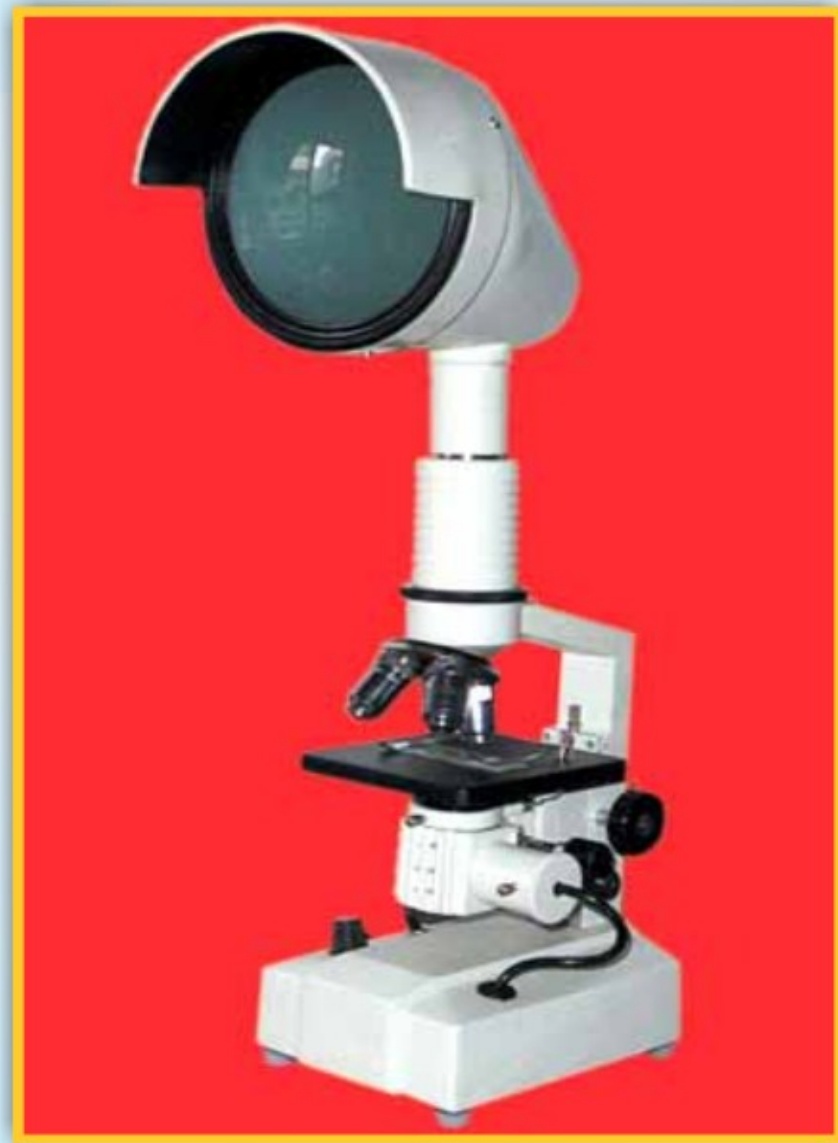


Laboratory Instruments



Advanced Projection Microscope

- Microscope Body is heavy duty, inclined monocular type with sturdy base.
- Equipped with Coarse & Fine Focusing systems with Quadruple revolving Nose Piece.
- Plain stage (120x120mm) with graduated Mechanical Stage for X-Y movements of specimen slide.
- Built in light by 6V-20W halogen lamp with continuously variable light intensity control.
- The whole system of condenser & light arrangement is moveable up & down by rack & pinion to get the optimum results.
- Projection Doom of screen size 150 mm is Rotatable through 360°.
- Objectives: Achromatic 10x & 20x/40x (SL)
- Projection Eye Piece: 10x (Huy)
- Packed in a thick and attractive plywood box.



Inclined Coaxial Microscope

Rack & Pinion system for coarse motion. Sensitive focusing system free from back lash. Built in base illumination with halogen lamp 6V 20W continues variable control. Latest co-axial mechanical stage for an extra large viewing area. Replaceable mirror for natural light. Substage abbe condenser on rack & pinion. Superb in finish & workmanship.

- Eye Piece : WF-10x (Paired)
- Achromatic Objectives : 5x, 10x, 45x or 40x (SL) & 100x(SL) (Oil Imm.)



Advance Stereo Binocular Microscope

Inclined Binocular Head Rotatable to 360° which can be locked at any position. With Interpupillary distance adjustable from 55 to 75 mm and Dioptic adjustment from +6 to 6 on one side.

- Objectives : 2x and 4x OR 1x and 3x on Quick Changing turret.
- Eyepieces : 10x Extra Wide Field (paired) {Optional WF 15x, WF 20x E.P.}
- Magnifications : 20x & 40x OR 10x & 30x
- Fine focus by Rack & Pinion motion.
- Built in illumination for Incident (epi) and sub stage (Transmitted) light.
- Both can be used individually or simultaneously with the help of 3 ways Switch.
- Round glass stage changeable with white Perspex stage plate.
- Packed in Thermocol Box with Instruction Manual, Dust cover, Eye Guards & cleaning cloth.



Advance Stereoscopic Microscope

- Objectives : 2x4x or 3x, 5x, 45x, 10x, 100x.
- Eyepiece : 10x, 15x wide field (Paired) total head rotatable 0-360° and also removable from the body, built-in transformer and solid state intensity control system within the base, complete in wooden box.
- Accessories For Microscopes
- Camera Lucida (prism type)- This can fit eye piece tube of any microscope, in velvet-lined case.
- Camera Lucida (mirror type)- A large mirror with adjustable inclination and its arm is extensible. This can fit eye piece tube of any microscope in a velvet-lined case.
- Double Demonstration Eye Piece- A useful instrument for every biological laboratory. It is convenient for simultaneous viewing by the student and the instructor. The smooth movement of the pointer is covering the entire field, in velvet lined case.
- Microscope Lamp- This lamp can be fixed under the stage of microscope in place of reflector. Supplied with filter, bulb, cord and plug. Workable on 230 volts AC/DC.
- Microscope Lamp- Lamp is fitted on heavy metal base. Lamp is finished in beautiful colour Supplied with condenser, adjustable iris diaphragm, bulb and two filters, workable on 220 volts AC/DC.
- Microscope Lamp- Same as above but with variable light control transformer for high intensity of light. on 220 volts A.C.
- Microscope optics set, consisting of 2 objectives 10x and 45x and 2 eye pieces 10x and 15x total magnification 675x.
- Microscopes Spare Optics.
- Pointer eye Pieces : 10x or 15x in velvet lined box.



Stereo Microscope

Stereo Microscope-1806

- Stereoscopic Binocular Microscope : Fixed objectives 2x or 3x and fixed eye piece 10x (Paired), magnification 20x or 30x complete in wooden box.
- Do as above with one eye piece fixed and other focussable by helical motion.
- Do as above heavy stage, having reflector, elbow rests.
- Do as above inclined at 45° wide field eye pieces 10x, 15x(Paired)
- Objectives : 2x, 4x or 3x, 5x
- Magnification : 20x to 60x or 30x to 75x complete in wooden box.



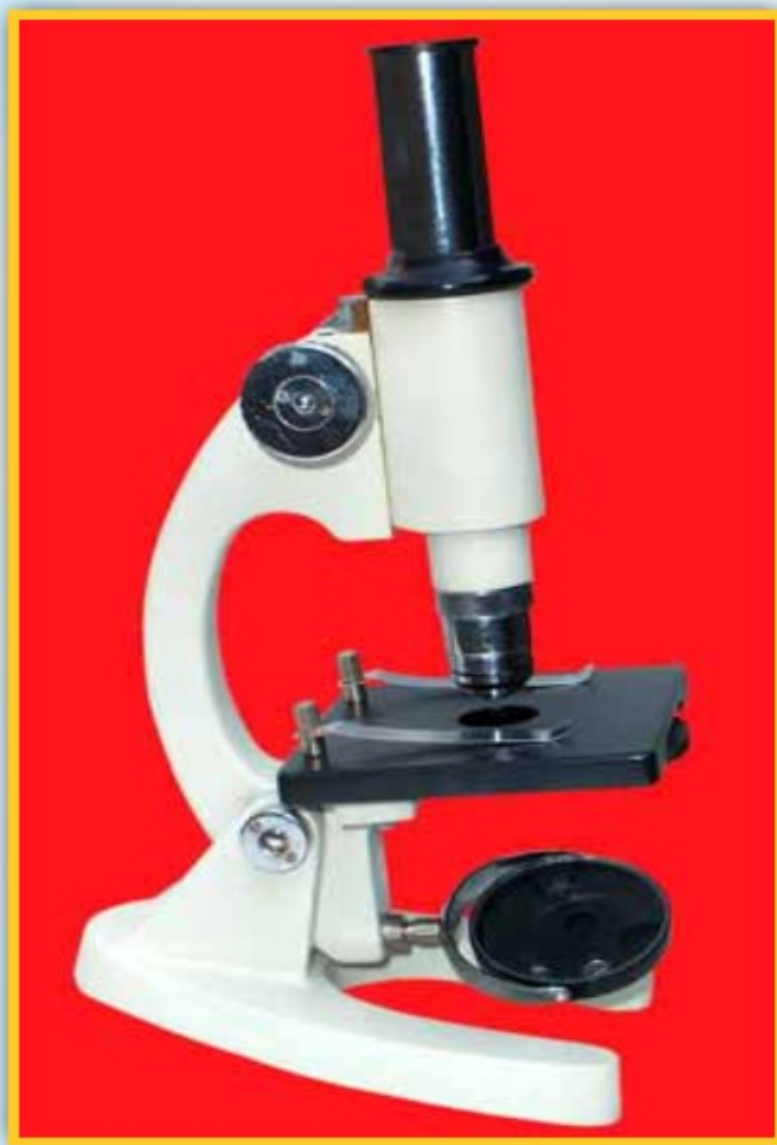
Student Microscope

Student Microscope- 1801

- Straight monocular body with triple revolving nose piece having safety stopper for slides.
- Coarse and fine motion with separate knobs.

Optical Combination :

- Ach. Objectives : 10x and 45x (Spring Loaded)
- Hyg. Eye Pieces : H 10x and H 15x
- Illumination : Substage N.A. 1.25 two lens Abbe condenser with iris diaphragm focussable with rack and pinion.



Dissecting Microscope

Dissecting Microscope-1800

Features :

- A unique base is designed for greater stability and beautiful look.
- Equipped with joint revolving arm for moving the magnifying lense over the stage allowing the whole stage area to be scanned.
- Focusable by rack and pinion.
- Detachable rests on either side of the stage.
- Supplied with high eye point 10x & 20x eye pieces in a wooden box.



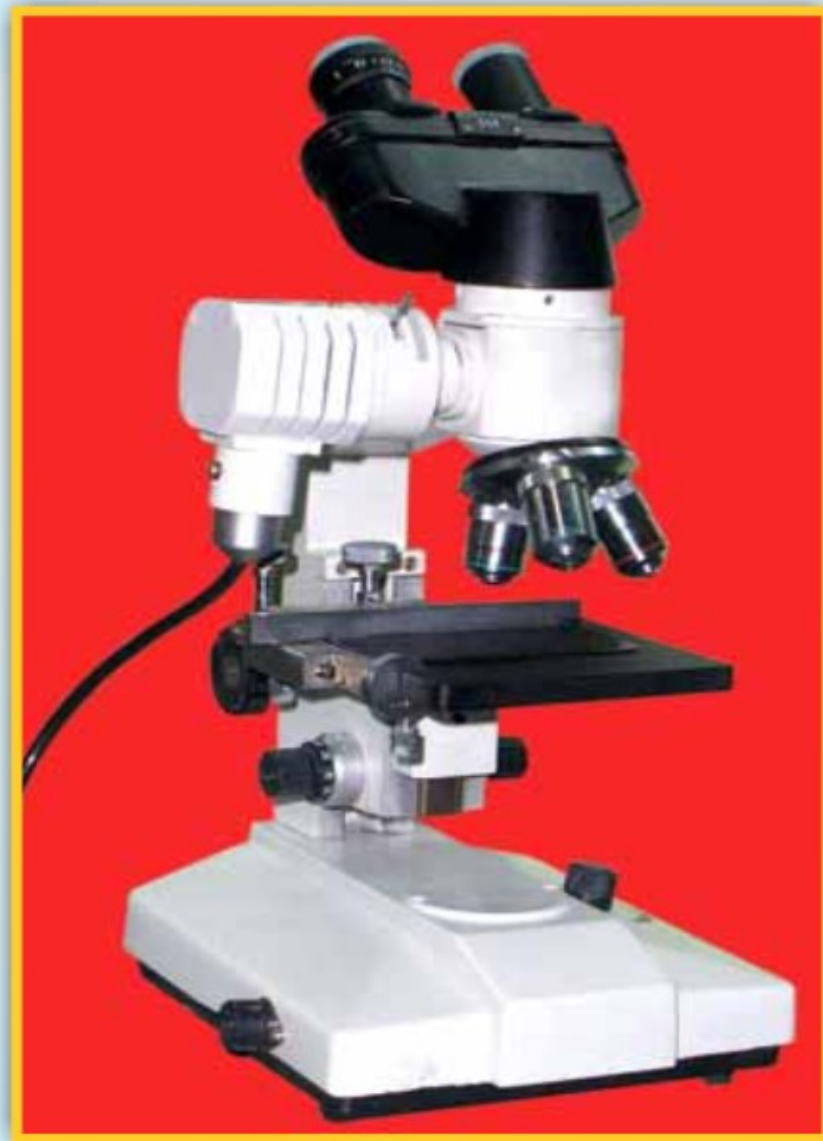
Binocular Metallurgical Microscope

For study of metal micro structure, alloys, semi-conductor device & all opaque materials.

- Fitted with Binocular Head assembled from hard coated prisms.
- Bright field horizontal illuminator with centering provision.
- Quadruple revolving nose piece, Straight Tube for microphotography & special Graduated Mechanical Stage.
- Supplied with variable light control transformer.

Optical Combination

- Objectives : Achromatic M 5x, M10x & M 45x (SL) and 100 x oil immersion
- Eye Pieces : W/F 10x and Huy 5x or 15x (Paired)
-
- Packed in a sturdy wooden cabinet along with all standard accessories



Student Microscopes Triple Nose

Same as above But with Triple Revolving Nose Piece and with Two Achromatic parfocal objectives of 10x and 20x/45x (SL).



Metallurgical Microscope

Metallurgical Microscope-1805

- Microscope stand : Rigid and stable stand with well contoured modular base. Ball bearing guideways and slides provide extra smooth movement.
- Viewing Head : Binocular interchangeable with trinocular head for Microphotography and CCTV
- Projection system, with dioptic and interpupillary adjustment.
- Focussing : Coaxial coarse and fine focussing module.
- Stage : Large size stage with coaxial low drive for convenient viewing of specimens.
- Illumination : Incident light through Epi Illuminator with Field Aperture diaphragm and filter slots. Continuously variable luminosity control through Built in Electronic Transformer.
- Objectives : High fidelity DIN size that field objectives M7.5x, M15x, M30x and M60x.
- Eye pieces : Compensating Wide field HKW 10x and KW 15x Paired.
- Magnification : 75x-900x



Trinocular Research Microscope

Trinocular Research Microscope-1804

Specifications :

Having following optical combination :

- Ach. Objectives : 4x, 10x, 40x SL and 100x SL Oil Immersion.
- Eyepieces : H5x or H6x & WF 10x (Paired) & P7x for photomicrography.
- Achromatic Objectives.
- Standard Achromatic Hard Coated Objectives for anti-reflection.
- DIN size Achromatic Hard Coated Objectives for anti-reflection.



Medical Microscope

Medical Microscope- 1802

- Coarse motion with rack & pinion
- fine motion lever type with graduated drums.
- Monocular body inclinable up to 90°, mechanical tube length 160mm.
- Triple/Quadruple revolving nose piece with accurate click stops.
- Plain stage fixed with detachable mechanical stage having convenient adjustment for slide movement.
- Safety stopper to prevent slides & objectives.
- Sub stage abbe condenser focussable with rack and pinion.
- Concave & plain mirror in fork.
- Pressure die cast parts

Hyg. Eye Pieces : 5x, 10x Ach.

Objectives : 10x, 45x & 100x (S.L.)



Binocular Microscope

Binocular Microscope- 1803

- Rack & Pinion system for coarse motion.
- Sensitive focusing system free from back lash.
- Built-in base illumination with halogen lamp 6V 20W continues variable control.
- Latest co-axial mechanical stage for an extra large viewing area.
- Replaceable mirror for natural light.
- Substage abbe condenser on rack & pinion.
- Superb in finish & workmanship.

Eye Piece : WF-10x (Paired)

Achromatic Objectives : 5x, 10x, 45x or 40x (SL) & 100x(SL) (Oil Imm.)

Optional Accessories :

- Microphotography Attachment
- Dark Field Attachment
- Phase Contrast Equipment
- Video Projection & Image Analysis System
- Dual Viewing Attachment
- Hyg. Eye Pieces 5x or 15x



Inverted Tissue Culture Microscope

Used for examination of live tissue culture, Plankton, Living protozoa etc. in Petridish, culture bottle etc.

- Fitted with Binocular Head assembled from coated prisms.
- Quadruple revolving Nose piece, Coarse & Fine graduated slow motion.
- Large stage with extension plates for large bottles & microfilter work.
- Provided with two stage clips and a removable central insert.
- Koehler's system illumination by a 6V-20W halogen bulb controlled by a built-in base variable intensity solid state transformer

Optical Combination

- Objectives : Achromatic 5x, 10x, LWD 20x & LWD 40x
- Eye Pieces : WF 10x (Paired)
- Supplied in a sturdy plywood box with all standard accessories.



Portable Microscope

- Widely used in Pathological labs and Educational institutes.
- Pressure Die-Cast interchangeable components with robust & sturdy construction.
- Separate Coarse & graduated Fine Motion with sensitivity of 0.002 mm.
- Fitted with attachable graduated Mechanical Stage having X and Y movements.
- Sub stage Abbe Condenser with Iris Diaphragm & filter holder, focussable with rack & pinion.
- Illumination by Plano-concave reflector of dia 50 mm. (Interchangeable for electric illuminator 220 V- 15 W directly workable on mains)
- Scratch proof highly resistant epoxy finish / powder coated.
- Packed in Styrofoam packing inside a Sunmica clad Plywood box.
- Supplied with detailed working manual, Dust Cover, cleaning cloth & lens cleaning paper.

Optical combination :-

- Eye Piece :- Coated WF 10X & Huy 5X
- Objective :- Achromatic 10x , 40x/45x (SL) & 100x (SL) Oil Immersion.



Ophthalmic Instruments

Keratometer - Javal

- 18x Eye Pieces with Adjustable Dioptric Power of +/- 6 Diopters.
- Measuring Range: Dioptric Power 30.0 to 60.0 Diopters in 0.25 Deg Steps Radius of Curvature 5.6 Mm to 11.2 Mm in 0.05 Mm Steps.
- Axis of Corneal Astigmatism is 0 to 180 Deg in 5 Deg Steps.
- Precision Achromatic Objectives Lens.
- 220 V –240 V – 50 Hz Electric Supply.
- Illumination: 6 Watts Transformer.
- Base : Co- Axial with Joystick Control.lateral Movement 100 Mm Right to Left, B/f Movement 120 Mm, Five Movements 20 mm Up to Down, Chin Rest 80 mm Up and Down Movement.



Operating Microscope

- Innovative Design
- Highly Versatile Optical System.
- Head: Zoom Optical System.
- Eye Pieces: 15 X Paired Wide Field.
- Mag: 5 X- 25 X.
- Working Distance: F = 200 Mm.
- Illumination: 15 V/ 150 W Twin Halogen Lamp with Co-axial Through the Lens Fibre Optics.
- Arm: Counter Balanced Pantographic Arm with 3200 Rotation.
- Stand: Mobile Floor Stand On Five Caster Wheels for Easy Handling and Absolute Stability.
- Power Supply: ac 220- 240 Volts (110 On Request).



Slit Lamp

- Binocular Microscope:
- Eye Pieces: 10 X and 15 X.
- Objectives: 1 X and 1.6 X.
- Total Magnifications: 10x, 16x and 25 X.
- Illumination Section: Sleet Width Adjustment 0 to 12 Mm with Out Step.
- Slit Length Adjustment: 0 to 12 Mm Continuos.
- Sleet Image Rotation 0 to 180 Deg Diameter of Diaphramme Disc: 12 mm, 7 mm, 5 mm, 3mm, 1mm, 0.2 mm.
- Filter Discs: Cobalt Filter, Green Filter, Yellow Filter, Neutral Density and Heat Absorbing.
- Light Source: 6 Volts 20 Watt Halogen Lamp.
- Base Section:Co-axial with Joystick Control, Lateral Movement 100 mm Right to Left, Back and Forward Movement is 120 mm, Five Movements is 20 mm Up to Down, Chin Rest 80 mm Up and Down.



Ophthalmic Instruments

Lens Meter

- Type : Occular Type External Reading System
- Vertex Power Range : $\pm 25d$ Step : $0.25d$ Step upto $\pm 10d$
 $0.50 D$ Step Beyond $\pm 10d$
- Cylindrical Axis Scale : 0 to 180° (1° Step)
- Prismatic Power Range : 5 in the Viewfield (1 Step)
- Target : Pinhole Corona
- Eye Piece Focussing : $+3d$ to $-5d$
- Diameter of Lens Accomodated is 30 to 80 mm.
- Tilting Angle is 30 Deg to 90 Deg.
- Electric Supply is $220 V$ Ac $-3 W$ Led.



Keratometer Black

- Coincidence Focusing System 1
- $15x$ eye pieces
- One position instrument: Measures both meridians without changing optical system
- Simple vertical adjustable head to fit patient.
- Astigmatic axis: 0 to 180 degree.



Keratometer - BL Type

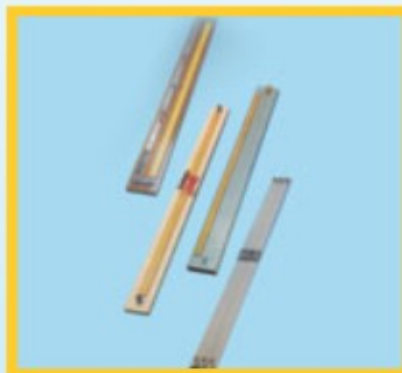
- Bausch and Lamb Type.
- $15 X$ Eye Pieces with Adjustable Diopetric Power of ± 5 Diopters.
- Measuring Range: diopetric Power 36.0 to 52.0 Diopters in 0.25 Steps. radius of Curvature is 6.4 to 9.5 Mm in 0.05 Step.
- Dual Eye Level Sighting System.
- Axis of Corneal Astigmatism is 0 to 180 in 5 Deg Steps.
- Precisiocce Achromatic Objectives Lens.
- Adjustable Head and Chin Rest with Ocular.
- $220 V - 240v$ $50hz$ Electric Supply.
- Paint Fianish is White or Black.



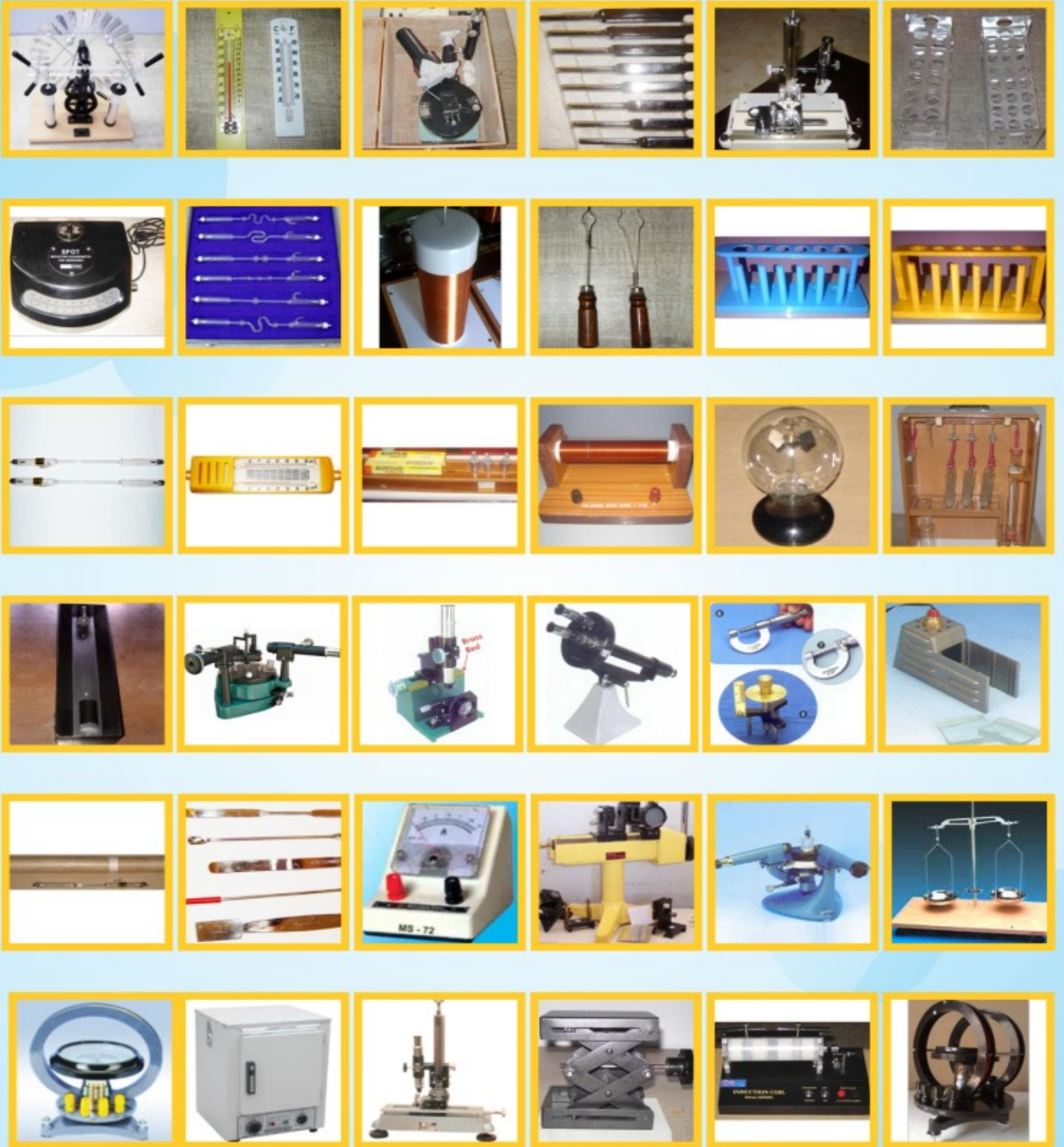
Weighing Balance



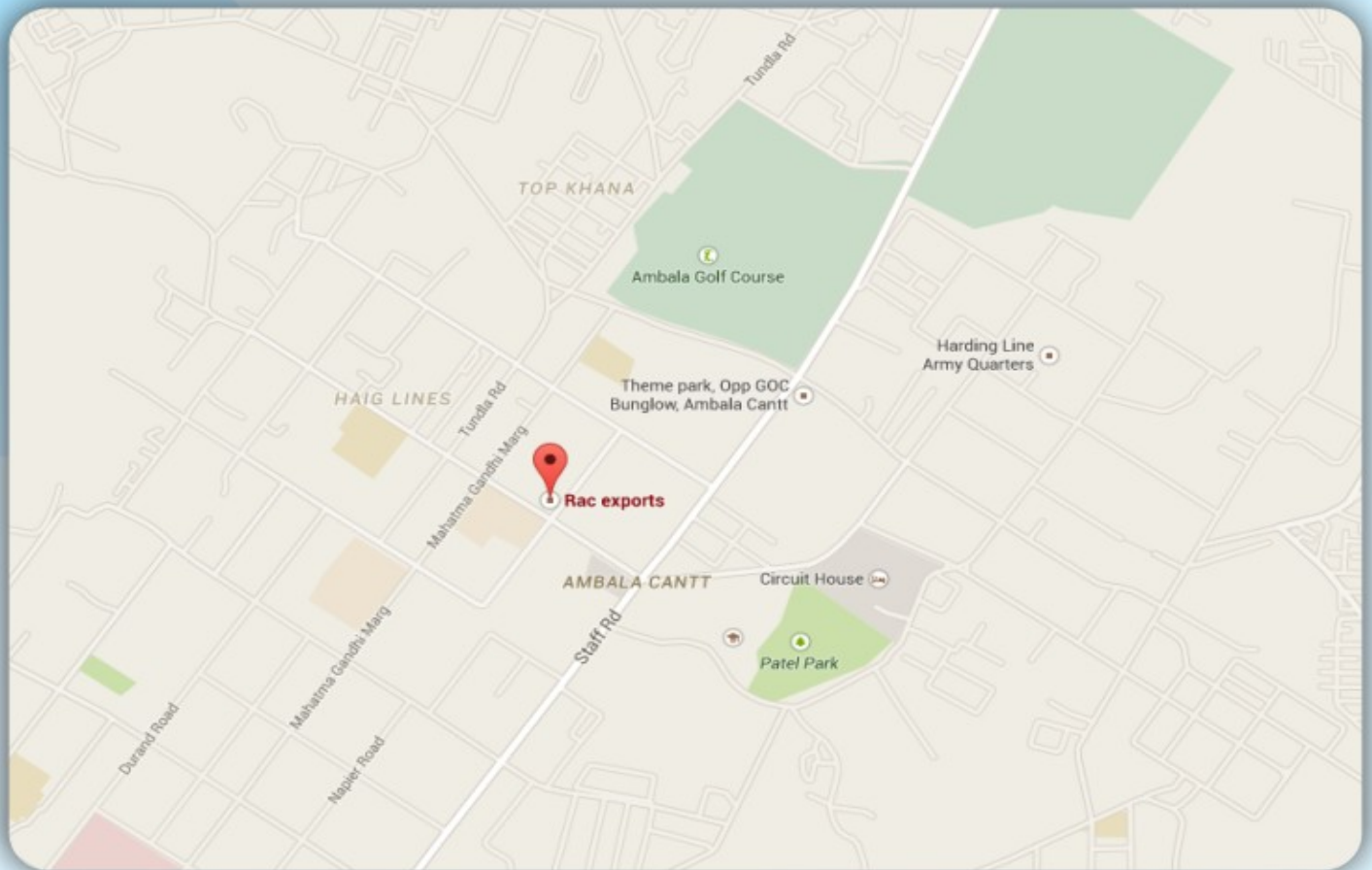
Physics Equipment



Physics Instruments



Contact us



RAC EXPORTS

Contact Person : Mr. Chaitanya Aggarwal

Address : 14 Pooja Vihar, Kardhan Road, Ambala Cantt.

State : Haryana

Country : India

Pin Code : 133001

Phone : +91-171-6535762

Fax : +91-171-2699559

Mobile : +09315100690

Web Site : <http://www.racexports.net>

Call Us : 08043693044

Rac Exports