

# JB SCIENCE INSTRUMENTS

## Dissection Microscope

### Specification

Code: JBDM-01

- Round base with precisely designed body and Base Heavy Focusing Sensitive focusing, done by rack and pinion arrangement.
- Revolving arm provided for moving magnifying lens over full stage area.  
Stage 100mm x 100mm with glass plate.
- Illumination A Plano-concave lens fitted in fork for light reflection.  
Optics Huygens 10x & 20x Eyepieces



## Student Microscope

### Specification

Code: JBDM-05

- 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 Glass Lenses and metal components are engineered for years of reliable performance.



## Junior Dissection Microscope

### Specification

Code: JBJM-02

- Round base with precisely designed body and base heavy.
- Focusing sensitive focusing, done by rack and pinion arrangement.
- Revolving arm provided for moving magnifying lens over full stage area.
- Stage 85mm x 75mm with glass plate.
- Illumination A Plano-concave lens fitted in fork for light reflection.
- Optics Huygens 10x & 20x Eyepieces



## Student School Microscope

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# JB SCIENCE INSTRUMENTS

## Specification

Code: JBSM-04

- 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 Glass Lenses and metal components are engineered for years of reliable performance.



## Student Microscope

### Specification

Code: JBSM-06

- Monocular tube, Straight, with body inclinable through 90°
- Monocular, frame inclines back to 90°
- Huygenian eyepiece 10x & 15x
- Triple revolving Nosepiece
- SA series Achromatic objectives 10x, 40x (SL)
- Stage plate size 124 x 120mm
- Separate coarse and fine focus controls
- Coarse movement by Rack & Pinion and fine movement by Screw Lever Mechanism
- Sub-stage Fixed condenser, aperture selection through a Disc Diaphragm turret
- Plano concave reflector mirror mounted at the base



## Research Microscopes

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### Specification

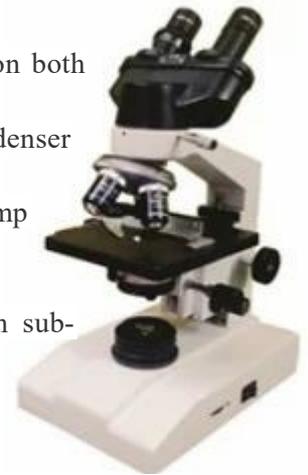
Code: JBRM-09

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- Series of Research Microscopes are most advanced for education, training, analytical and research work in colleges, laboratories, hospitals and research laboratories.
- It has a flat structure of body & base for stability and sturdiness and is fitted as standard with quadruple revolving nose-piece.
- Stage size 140x120mm, low co-axial controls for easy slide manipulation on both the axis, with graduation and verniers; range of movement 80x50mm.
- The condenser unit is having rack & pinion movement with Abbe condenser N.A.1.25, iris diaphragm and filter holder.
- The electronic built-in base illumination system is fitted with a Halogen lamp of 6V 20W operated on 220 volts or 110 volts.
- Built in transformer is controlled by variable solid state electronic knob.
- Plano-concave attachment reflector attachment can be easily replace with sub-stage illumination assembly making it great for field work too.

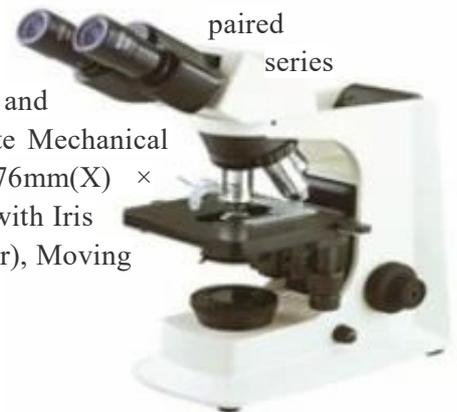


## Research Compound

### Specification

Code: JBRC-16

- Research Binocular Compound Microscope with Infinity Optical System L Shape Sturdy stand with plastic hand rests Siedentopf Binocular tube, 30° inclined, 360° rotatable with IPD 50-75 mm and Dioptic adjustment.
- Antifungus Treated Wide Field eyepiece WF 10x/20mm Inward Tilt Quadruple Nosepiece (Ball bearing type) ISA DIN Infinity PLAN Achromatic objectives 4x, 10x, 40x (SL) and 100x (Spring loaded, oil immersion) Graduated Double Plate Mechanical Sliding Stage Area: 145mm×140mm Moving Range: 76mm(X) × 50mm(Y) with co-axial Controls Abbe Condenser N.A-1.25 with Iris Diaphragm and swing out Filter Holder (Blue Day Light Filter), Moving Up and Down



## Advance Co-Axial Research Microscopes

### Specification

Code: JBAM-14

- Series Microscopes are designed with outstanding technological expertise of LABSUN, which extends the capabilities for education and research work.

# JB SCIENCE INSTRUMENTS

- The quality assurance throughout the manufacturing process ensures demanding performance standards which are matched with exceptional economy in cost.
- Extra clarity and contrast is provided through our new high performance colour corrected infinity optical system.
- Optical components in the viewing head and objectives are protected with an anti mould system to ensure proper performance in unusually hot and humid environment.
- Monocular, Binocular & Trinocular heads 45° inclined, 360°. Interpupillary Distance 55-75mm, 360° rotatable and Dioptric adjustment Anti fungus Treated Wide Field eyepiece WF



## Tissue Culture

### Specification

Code: JBTC-18

- Inverted Trinocular Microscope Ergonomically designed sturdy stand of anti rust material Trinocular 30° inclined, 360° rotatable, IPD 48-75mm, with Dioptric adjustment on left ocular Wide Field eyepiece WF 10x/22mm paired Quintuple Reverse angle nosepiece (Ball bearing type). IB Series LWD Plan Achromatic Objectives 4X, 10x, 20X & 40X Double layers mechanical stage Stage size: 160mm x 250mm Moving range: 120mm x 78mm Glass Insert Auxiliary Stage 70 x 180mm Terasaki Holder, 38 Diapetri dish holder, 54mm Slide Glass holder Long working distance condenser NA0.30, (WD72mm) 45 mm Dia Blue, green and ground glass Coaxial Coarse and fine adjustment, Vertical objective movement. Transmitted Illumination system 6V-30W Halogen with intensity control .Power supply 220V AC.



## Co-Axial Research Microscopes

### Specification

Code: JBAM-20

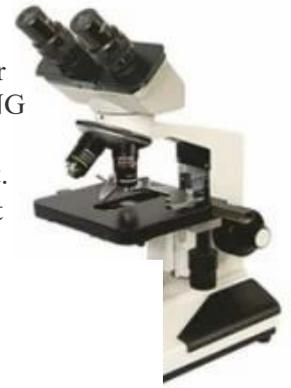
- Series Microscopes are latest and most advanced for research and analytical work in Colleges, Laboratories, Hospitals and Research Institutions.

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- Microscopes are equipped with Co-axial focusing system and halogen illumination for bright and sharp images.
- A robust arm with focusing knobs on both sides base on a 4-stage gear reduction system travelling on Ball guides, the COAXIAL 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 V or 110 V light source with ON/OFF switch and the light intensity regulator.

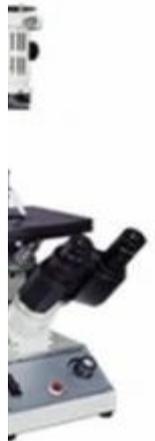


## Inverted Tissue Culture

### Specification

Code: JBIC-13

- Binocular Inverted Tissue Culture Microscope with quadruple revolving nosepiece, equipped with Binocular Observation Head assembled from coated prisms and best quality optical components having full prismatic optical path, large specimen stage with extension plates, coarse & graduated slow motion knobs, variable intensity controlled built in base solid-state transformer, fitted with 6V 20 watts halogen bulb and illumination based on Keoler's system.
- Supplied with following optical combination in storing cabinet. 5X, 10X, LWD 20X, & LWD 40X Eye pieces WF10X (Paired)



## Stereo Microscope

### Stereo-Zoom Microscope

#### Specification

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# JB SCIENCE INSTRUMENTS

## Code: JBSZ-11

- The special character of a Stereo-Zoom Microscope is that one can observe the object in three dimensions in the field of view with a continuously variable Magnification (Zoom).
- It is ideally suited for industries as well as biological research where high precision, maximum working distance & field of view is required.
- The flat field Para focal zoom objectives provide continuously variable magnification up to 200X depending upon the eyepieces and auxiliary lenses used.



## Stereo Microscope

### Specification

#### Code: JBSM-21

- 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.
- Student Stereo Microscope for Dissection and Inspection of Specimen in Biology Fixed Achromatic Objectives 2x or 3x & wide field eyepieces WF 10x or WF 15x (paired) are available.
- The Microscope is also available on pillar stand, with dioptric correction & trans illumination base as optional.
- Supplied complete in a wooden storing cabinet at an affordable price. Observation Head - Straight Binocular head with interpupillary adjustment & hand grip. Stage - Stage with clips and reversible black & white plate.
- Objectives - Fixed Achromatic Objectives 2X or 3X. Eyepieces – Wide field Eyepiece WF 10X or 15X.
- Optional - Available with different stands and dioptré adjustments.



## Metallurgical Microscope

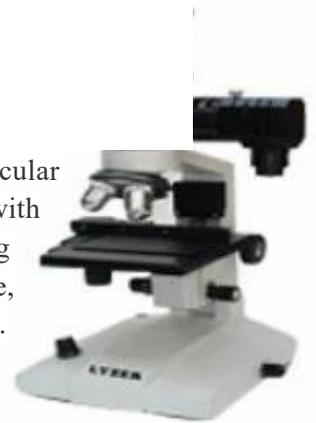
# JB SCIENCE INSTRUMENTS

## Metallurgical Microscope

### Specification

Code: JBMM-23

- Inclined Monocular Metallurgical Microscope : Fitted with Monocular observation tube inclined at 45°, Bright field horizontal illuminator with centering provision, field and aperture diaphragm and slots for dropping filter, Quadruple revolving nose piece, Special graduated mechanical stage, supplied with variable light control transformer and following optics in box.

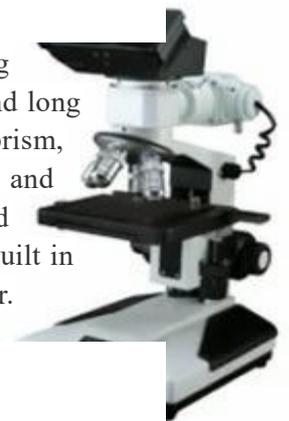


## Co-Axial Metallurgical

### Specification

Code: JBCM-25

- Binocular Co-Axial Metallurgical Microscope :New improved model having Co-axial coarse and fine focusing system travel on ball guides for smooth and long life movement is fitted with Binocular head assembled from hard coated prism, Bright field horizontal 6v/20W illuminator is equipped with iris diaphragm and slot for dropping filter, Quadruple revolving BALL BEARING assembled nose piece, special graduated Low Drive co-axial mechanical stage, having built in base variable light control transformer, supplied with two filters & Dust Cover.



## Advance Co-Axial Metallurgical

### Specification

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# JB SCIENCE INSTRUMENTS

## Code: JBAM-28

- Ergonomically designed sturdy stand of anti-rust material Binocular 30 degree inclined, 360 degree rotatable, IPD 48-75mm with Interpupillary & Dioptic adjustments. Wide Field eyepiece 10x/20mm paired Quintuple Nosepiece (Ball bearing type) True Colour, Infinity Plan Achromatic objectives 4x, 10x, 20x, 40x Magnification: 40X - 400X COAXIAL focusing system, with slides travelling on ball bearing guide ways, for frictionless motion. Large size Plain stage 142X132mm with Attachable mechanical stage, X-Y coaxial control, moving range 120x78mm and Auxiliary stage 70 x 180mm Kohler Illumination system 6V-30W Halogen with intensity control. Solid State transformer power supply 220v AC.



## Inverted Metallurgical

### Specification

## Code: JBIM-30

- Inverted Metallurgical Microscope: Fitted with binocular head assembled from hard coated prisms. Bright field horizontal 12V/50W illumination with iris diaphragm and slots for dropping filters, separate camera port for photographically, providing magnification from 50x to 1000x, Quadruple ball bearing revolving nose piece, special graduated triple layer co-axial mechanical stage for X-Y movement , with variable light intensity control transformer built in the large sturdy base, in plywood Box.



## Projection Microscope

### Projection Microscope

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# JB SCIENCE INSTRUMENTS

## Specification

### Code: JBPM-31

- The Projection of micro-slides can be observed by a group of students on a round screen, diameter 100mm. The microscope is equipped with triple revolving nosepiece, coarse & fine motion knobs. Built-in base transformer with solid-state variable light control arrangements, Bulb halogen 6V-20Watts, Complete in carrying case
- Ach. Objectives: 10X & 45X  
Huy. Eyepieces: 10X & 15X



## Senior Projection Microscope

### Specification

### Code: JBPM-33

- It is an advanced versatile projection microscope for measurement of specimen, equipped with bright Halogen Lamp 12 V, 100 Watts solid state variable light control arrangement workable on 220V A.C mains, inter locked with electronic fuse system. Quadruple revolving nosepiece, approximate 200 mm dia. Graduated screen rotatable through 360o, built in Fresnel lens, loop and arrow arrangement and co-axial mechanical stage, magnification from 125X to 1000X with 5X,10X,20X & 40X objectives.



## Other Products

### Tool Maker Microscope

### Specification

### Code: JBPM-35

- Tool maker's Microscope: With X-Y movement on ball bearing slides.

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- Having Micro meter (50mm dia) L.C. 0.01mm with 360 degree gounometer.
- Fixed magnification 30x having 15x WF eyepiece with 90 degree cross hair line for angle measurement, With 150 X150mm ROTARY bed for X-Y movement is traveling on ball bearing slides with travel up to 25 X 25 mm with Micrometre heads (50mm dia) least count of 0.01mm for length, width & depth measurement, Having both contour (6V/20W) lamp and two surface Flurosent lamps) lamps Having both transmitted and incident light in wooden box.

