



**STUDENT
MICROSCOPES**



**RESEARCH
MICROSCOPES**

**DIGITAL
MICROSCOPES**



**METALLURGICAL
MICROSCOPES**



**WATER BATHS
& CENTRIFUGE
MACHINES**



**IMAGING
CAMERAS
&
SOFTWARES**

**HEATING &
REFRIGERATION
INSTRUMENTS**



**BIO SAFETY
CABINETS,
FUME HOODS
& LAMINARS**



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Monocular



Binocular



Trinocular



Transmitting
Illumination



Abbe
Condenser



360° Rotatable
Head



LED
Illumination



Infinity System



Incident
Illumination



Halogen
Illumination



Zoom
Magnification



Fluorescence
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Polarising Unit

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Pictograms



Android



Windows



USB Interface
3.0



USB Interface
2.0



Software



SD Card



HDMI Interface



Integrated
Scale



Mains adapter



Battery operation



Power supply



ISI Marked



Package
shipment

DISSECTING & EDUCATIONAL MICROSCOPES

Dissecting and Student microscopes serve important purposes in the educational sector. Dissecting microscope allows students to examine larger specimens in detail, making it ideal for anatomy and morphology studies. It aids in dissecting organisms like insects, plants, and small vertebrates, facilitating the observation of intricate structures and systems. On the other hand, a Student microscope is designed for general microscopic observations. It helps students study microscopic organisms, cells, and tissues, fostering a deeper understanding of biology. Both microscopes promote hands-on learning, critical thinking, and the development of scientific skills, enabling students to explore the diverse world of biology from macroscopic to microscopic levels.



MD-1 Dissecting Microscope is used for demonstration, close study of small organisms and fine dissection work. The high-eye point lenses 10x & 20x have alternative use of a jointed arm allowing the whole stage area to be scanned .

The stage (85mm x 75mm) is provided with spring stage clips, has a glass plate with arrangement for inserting white/black metal plate for respective background substage piano-concave mirror reflects sufficient daylight and artificial light on the object.

The Rack & Pinion mechanism is enclosed within the stage support pillar, and is operated by knob on either side. Detachable hand rests on both sides of the stage providing for a steady support during dissection.

Packaging: Inner Thermocol/Styrofoam Packing and Outer Cardboard Box.



This microscope have well designed heavy and sturdy pressure die casted monocular body inclinable to 90° to meet the requirements of School and college students

Eye Piece: Wide-Field 10X Eye-piece or set of 10x & 15x Huygenian Eye-pieces.

Nosepiece: Triple revolving nosepiece with click stops.

Stage: High quality S.S. Stage clips provided to hold the slide.

Focussing: By vertical movement of the observation tube, with coarse adjustment using rack-pinion movement and fine motion by screw level mechanism.

Condenser: Abbe condenser having numerical aperture of 1.25 with iris diaphragm and swing out filter holder can be moved through rack and pinion. This condenser unit incorporates high efficiency optical system for optimum utilisation of light.

Illumination: Arc-Reflector set for using natural light to study the slide.

Objective: Achromatic 10x and 45x.

Packaging: Inner Thermocol/Styrofoam Packing and Outer Cardboard Box.

COMPOUND STUDENT MICROSCOPE BM-4



LABORATORY MICROSCOPES

We are a leading laboratory microscopes manufacturer, dedicated to providing cutting-edge optical solutions for scientific research and analysis. With a commitment to precision and innovation, our company offers a diverse range of high-quality microscopes tailored to meet the specific needs of various scientific disciplines. Our products are engineered with advanced features and state-of-the-art technology, ensuring exceptional imaging capabilities and accurate results. We prioritize the highest standards of manufacturing, incorporating rigorous quality control processes to deliver reliable and durable microscopes that empower scientists and researchers worldwide. With our expertise and passion for scientific advancement, we are your trusted partner in the pursuit of knowledge and discovery.



ISI Marked Medical Microscope has a well designed heavy and sturdy die casted monocular body inclinable to 90° to meet the needs of school and college students

- > Observation tube with mechanical tube length 160mm with triple nose piece.
- > Separate coarse and fine motion.
- > Fixed Co-axial horizontal graduated mechanical stage 120mm x 120mm with convenient adjustment for slide movement.
- > Double lens bright field abbe condenser NA 1.25 is fixed below the stage with iris diaphragm and swing out filter holder , can be moved through rack-pinion.
- > Adjustable down stopper for preventing accidental damages to slide
- > Illumination by piano concave mirror

Also available without ISI mark

Packaging: Inner Thermocol/Styrofoam Packing and Outer Cardboard Box.

MEDICAL MICROSCOPE BM-5





Pathological Monocular Microscope

- > One 10x Wide Field Eye -piece.
- > 4 nos. Objectives, Parafoal Achromatic, 4x, 10x, 40x SL and 100x SL Oil immersion.
- > Stage : Horizontal Mechanical of size 120 X 125mm min.
- > Illumination : LED Light with on/off switch, light intensity regulator and Plano concave mirror attachment suitable for 220V, 50 Hz. AC supply.

Also available without ISI mark

Packaging: Inner Thermocol/Styrofoam Packing and Outer Cardboard Box.

PATHOLOGICAL MONOCULAR MICROSCOPE BM-6mo





Pathological Binocular Microscope

- > Two 10x Wide Field Eye -piece.
- > 4 nos. Objectives, Parafoal Achromatic, 4x, 10x, 40x SL and 100x SL Oil immersion.
- > Stage : Horizontal Mechanical of size 120 X 125mm min.
- > Illumination : LED Light with on/off switch, light intensity regulator and Plano concave mirror attachment suitable for 220V, 50 Hz. AC supply.
- > Eye Pieces for Binocular Microscope confirm to IS : 8275:1976

Also available without ISI mark

Packaging: Inner Thermocol/Styrofoam Packing and Outer Cardboard Box.

PATHOLOGICAL BINOCULAR MICROSCOPE BM-6bi



BM-6TR





Pathological Binocular Microscope

- > Two 10x Wide Field Eye -piece.
- > 4 nos. Objectives, Parafoal Semi-Plan Achromatic, 4x, 10x, 40x SL and 100x SL Oil immersion.
- > Stage : Horizontal Mechanical of size 120 X 125mm min.
- > Illumination : LED Light with on/off switch, light intensity regulator and Plano concave mirror attachment suitable for 220V, 50 Hz. AC supply.
- > Eye Pieces for Binocular Microscope with coaxial focussing control confirm to IS : 8275:1976

Also available without ISI mark

Packaging: Inner Thermocol/Styrofoam Packing and Outer Cardboard Box.



BM-8TR

PATHOLOGICAL BINOCULAR MICROSCOPE **BM-8bi**





- > Ergonomic Design
- > Exceptional Precision
- > Accurate Measurements
- > Highest Industry Standard
- > Outstanding Optical Performance

The BM-9bi reflects friendly design suitable for both the classroom and laboratory environment. Embodied with sturdy C-shaped aluminum alloy die-cast stand, high quality optics and optical coatings, and brass gears, all of the which compose the BM-9bi to resist the toughest of user environments.

- > Binocular Head having Hard coated prisms
- > Quadruple revolving Ball Bearing Nose piece
- > Co-axial Focussing system
- > Double layered mechanical stage with low positioned coaxial knobs
- > Bright LED Light with Solid state power supply circuitry.
- > Semi-Plan Achromatic objectives, Extra Wide Field Eye Piece {Hard Coated} along with high quality condenser lens for better results for all magnifications.

Objectives: 4x, 10x, 40x, 100x (oil)

Eye pieces : EWF 10x (18mm Paired)

Also available without ISI mark

Packaging: Inner Thermocol/Styrofoam Packing and Outer Cardboard Box.

BINOCULAR MICROSCOPE BM-9bi



BM-9TR

XL SERIES MICROSCOPES

As a premier manufacturer of high-quality laboratory microscopes, we pride ourselves on delivering exceptional precision and performance. Our advanced XL Series Microscopes are engineered with utmost care and attention to detail.

With cutting-edge technology and rigorous quality control, our microscopes ensure accurate and reliable results, empowering scientists and researchers in their quest for discovery. Trust us for uncompromising quality and unparalleled imaging capabilities.



RESEARCH BINOCULAR MICROSCOPE AXL-Bino

The excellent appearance
in accord with ergonomic design

Integrated body design
makes products maintains
long-term stability.

High quality 3W LED lamp
and long usage life.

Head: Binocular Head, Inclined at 30°, 360° Rotatable,
Interpupillary Distance 54-75 mm, Diopter Adjustable
± 5 On Left Tube

Eyeiece: Wide Field Eyepiece WF 10X/18mm

Objective : Plan Achromatic Objectives 4x, 10x, 40xs, 100xs(oil)

Viewing Head : Articulated Free Trinocular Head, 30°inclined,
Interpupillary Distance 54-75mm

Nosepiece : Reverse Quadruple Nosepiece (inward facing)

Focusing System : Coaxial Coarse and Fine Adjustments, Fine
Division 0.002mm, Coarse Stroke 36mm Supplied With An
Adjustable Rack Stop To Prevent Damage To Sample And
Objectives, The Coarse Adjustment Are Equipped With Friction
Control

Stage: Double Layer Mechanical Stage 110x125mm,
Moving Range 30x75mm

Illumination : 3W LED, Brightness
Adjustable, Powered by 110-240V Adapter

Inbuilt Battery Backup Facility

Packaging: Inner Thermocol/Styrofoam
Packing and Outer Cardboard Box.





The excellent appearance
in accord with ergonomic design

Integrated body design
makes products maintains
long-term stability.

High quality 3W LED lamp
and long usage life.

Head: Trinocular Head, Inclined at 30°, 360° Rotatable,
Interpupillary Distance 54-75 mm, Diopter Adjustable
± 5 On Left Tube

Eyepiece: Wide Field Eyepiece WF 10X/18mm

Objective : Plan Achromatic Objectives 4X, 10x, 40xs,
100xs(oil)

Viewing Head : Articulated Free Trinocular Head,
30°inclined, Interpupillary Distance 54-75mm

Nosepiece : Reverse Quadruple Nosepiece (inward
facing)

Focusing System : Coaxial Coarse and Fine Adjustments,
Fine Division 0.002mm, Coarse Stroke 36mm Supplied
With An Adjustable Rack Stop To Prevent Damage To
Sample And Objectives, The Coarse Adjustment Are
Equipped With Friction Control

Stage: Double Layer Mechanical Stage 110x125mm, Moving
Range 30X75mm

Illumination : 3W LED, Brightness Adjustable, Powered By
110-240V Adapter

Adapter: Eyepiece Tube Adapter

Inbuilt Battery Backup Facility

Packaging: Inner Thermocol/Styrofoam Packing and
Outer Cardboard Box.

RESEARCH TRINOCULAR MICROSCOPE AXL-Trino





RESEARCH BINOCULAR MICROSCOPE FXL-Bino

The excellent appearance
in accord with ergonomic design

Integrated body design
makes products maintains
long-term stability.

High quality 3W LED lamp
and long usage life.

Head: Binocular Head, Sidentoph at 30°, 360° Rotatable,
Interpupillary Distance 50–75 mm, Diopter Adjustable
± 5 On Left Tube

Eyepiece: Wide Field Eyepiece WF 10X/20mm

Objective : SP Plan Achromatic Objectives 4x, 10x, 40x,
100x(oil)

Viewing Head : Articulated Free Trinocular Head, 30°inclined,
Interpupillary Distance 50–75mm

Nosepiece : Reverse Quadruple Nosepiece (inward facing)

Focusing System : Coaxial Coarse and Fine Adjustments,
Fine Division 0.002mm, Coarse Stroke 37.7mm Supplied With
An Adjustable Rack Stop To Prevent Damage To Sample And
Objectives, The Coarse Adjustment Are Equipped With
Friction Control

Stage: Double Layer Mechanical Stage 140x140mm,
Moving Range 50x75mm

Illumination : 3W LED, Brightness
Adjustable, Powered by 110–240V Adapter

Packaging: Inner Thermocol/Styrofoam Packing and Outer
Cardboard Box.





RESEARCH TRINOCULAR MICROSCOPE FXL-Trino

The excellent appearance
in accord with ergonomic design

Integrated body design
makes products maintains
long-term stability.

High quality 3W LED lamp
and long usage life.

Head: Trinocular Head, Sidentoph at 30°, 360° Rotatable,
Interpupillary Distance 50–75 mm, Diopter Adjustable
± 5 On Left Tube

Eyeiece: Wide Field Eyepiece WF 10X/20mm

Objective : SP Plan Achromatic Objectives 4x, 10x, 40x,
100x(oil)

Viewing Head : Articulated Free Trinocular Head, 30°inclined,
Interpupillary Distance 50–75mm

Nosepiece : Reverse Quadruple Nosepiece (inward facing)

Focusing System : Coaxial Coarse and Fine Adjustments,
Fine Division 0.002mm, Coarse Stroke 37.7mm Supplied With
An Adjustable Rack Stop To Prevent Damage To Sample And
Objectives, The Coarse Adjustment Are Equipped With
Friction Control

Stage: Double Layer Mechanical Stage 140x140mm,
Moving Range 50x75mm

Illumination : 3W LED, Brightness
Adjustable, Powered by 110–240V Adapter

Packaging: Inner Thermocol/Styrofoam Packing and Outer
Cardboard Box.





The excellent appearance
in accord with ergonomic design

Integrated body design
makes products maintains
long-term stability.

High quality 3W LED lamp
and long usage life.

Optical System : Finite Optical System

Eyepiece: PL 10X/23mm High Eyepoint Eyepiece,
Diopter Adjustment ± 5

Objective : 45mm DIN Infinity Corrected Plan
Achromatic Objective: 4X, 10X, 40X(S), 100X(S,Oil)

Viewing Head : Articulated Free Binocular Head,
30°inclined, Interpupillary Distance 50-75mm

Nosepiece : Backward Quintuple or Quadruple
Objective Nosepiece

Stage : 220X148mm X-axis Low Hand Position Double
Mechanical Stage(steel wire transmission) ,
76X50mm, Precision 0.1 mm , Damped Double Slide
Clamp

Condenser : Height Adjustable Abbe Condenser Set

Focusing System : Coaxial Coarse and Fine Focus
Knobs, Precision 0.002mm

Illumination : 3W LED Lamp with Kohler Illumination
System

Optional

1. Insert Phase Contrast Apparatus
2. Dry Darkfield Condenser, Oil-darkfield Condenser
3. Polarizing Device
4. Plan Objective Set, Infinity Plan Achromatic Objective Set

Packaging: Inner Thermocol/Styrofoam Packing and
Outer Cardboard Box.

RESEARCH BINOCULAR MICROSCOPE VXL-BINO





RESEARCH TRINOCULAR MICROSCOPE VXL-TRINO

The excellent appearance
in accord with ergonomic design

Integrated body design
makes products maintains
long-term stability.

High quality 3W LED lamp
and long usage life.

Optical System : Finite Optical System

Eyepiece: PL 10x/23mm High Eyepoint Eyepiece, Diopter
Adjustment ± 5

Objective : 45mm DIN Infinity Color Corrected Plan
Achromatic Objective: 4X, 10X, 40X(S), 100X(S,Oil)

Viewing Head : Articulated Free Trinocular Head,
30°inclined, Interpupillary Distance 50–75mm

Nosepiece : Backward Quintuple or Quadruple
Objective Nosepiece

Stage : 220 x 148mm X-axis Low Hand Position Double
Mechanical Stage(steel wire transmission), 76 x 50mm,
Presion 0.1 mm , Damped Double Slide Clamp

Condenser : Height Adjustable Abbe Condenser Set

Focussing System : Coaxial Coarse and Fine Focus
Knobs, Precision 0.002mm

Illumination : 3W LED Lamp with Kohler illumination
System

Optional

1. Insert Phase Contrast Apparatus
2. Dry Darkfield Condenser, Oil-darkfiled Condenser
3. Polarizing Device
4. Plan Objective Set, Infinity Plan Achromatic Objective Set

Packaging: Inner Thermocol/Styrofoam Packing and
Outer Cardboard Box.





RESEARCH TRINOCULAR MICROSCOPE BLXL-plus

BLXL-Plus is designed keeping user comfort in mind. Conveniently placed controls for fast and efficient observations. With multi layer coating on our objectives having FOV upto 26.5mm, reduce chromatic aberration to low levels, resulting bright and high contrast images even for low light applications like Fluorescence dark field etc. With quintuple nose piece user have choice for extra objectives and multiple illumination techniques. Features adding to user comforts are Light preset switch; Light intensity LED indicator, Built-in filters and many more.

Optical system	Universal Infinite optical system, color corrected plan achromatic optics 4x,10x,20x,40x & 100x oil immersion
Koehler's Illumination	S-LED, Koehler illumination, LED intensity Controller, Eco-energy saving auto cut off, fly eye lens, built-in filters
Viewing Head	Inclined, Two/Three position ergo head
Nosepiece	Quintuple nosepiece with slots for POL / DIC
Eyepiece	Super wide field 23mm
Mechanical Stage	Double Layer, Rackless Ceramic Hard Coated, Stage Lock, Double Slide Holder
Condenser	Swing-out abbe, universal Five/Six position
Focusing	3/2 step focusing
DIC	Slot for holding DIC plate and prism
Teaching Head	Upto 22 person multi viewing attachment
Filters	Built-in ND Filters

Packaging: Inner Thermocol/Styrofoam Packing and Outer Cardboard Box.

Optional Packaging:

1) Wooden Box outer cabinet with lock and key (Chargeable).





FLUORESCENT MICROSCOPE **AFM-100**

- > Excellent fluorescent image with high resolution fluorescent objectives
- > Protect the light leak with advanced lamp housing
- > Excellent Optical Function with Infinite Optical System
- > Innovative Stand structure, Sharp Image Display,
- > Convenient and Special for Viewing Incubating Cell Tissue
- > Widely used in venereal disease examination and immuneless diagnosis

VIEWING HEAD

Compensation free Trinocular Head inclined at 30°
Interpupillary Distance : 48-75 mm

EYEPIECE (OCULAR)

High point , Extra wide field eyepiece EW10X/20mm

NOSEPIECE : Inverse Quadruple Nosepiece

OBJECTIVES

Long working distance Infinite Plan Achromatic objective
4x/0.1, 10x/0.25, 20x/0.65, 40X/1.25

CONDENSOR: N.A. 1.25 rack and Pinion Adjustable

CENTERING TELESCOPE: Centering telescope 30MM

STAGE : Double layer mechanical
(Size:210mmX140mm, Move range: 75mmX50mm)

FOCUS SYSTEM

Coaxial coarse & fine focusing adjustment with tensional adjustable and up stop minimum division of fine focusing: 2µm.

LIGHT SOURCE FILTER: Halogen bulb 6V/20W

FILTER : Blue, and frosted glass Filters

REFLECTED FLUORESCENCE SYSTEM

Mercury Lamp House 100W/DC Power Supply: AV 220V

Fluorescence Filter System B
exciton wavelength : 420~485nm

Fluorescence Filter System G
exciton wavelength : 460~550nm

Fluorescence Filter System UV
exciton wavelength : 330~400nm

FLUORESCENT ATTACHMENT SPECIFICATIONS

Reflected Light Source

Blue, Green Exciting Light Filter System and Ordinary Light System

Illumination

100W HBO Ultra Hi-voltage Spherical Mercury Lamp

Centering Telescope: 30MM

Protection Barrier Power Supply

Barrier to Resist the Ultraviolet Light

Fluorescent Objective

4x, 10x, 40x (S), 100x (S, Oil)

Immersion Oil

Fluorescence Free Oil



PHASE CONTRAST ATTACHMENT

This attachment is useful for viewing the detailed structures of unstained or living contrast equipment to convert equipment to convert small differences in thickness and Refractive index of the specimen into differences in brightness.

The set consist of phase turret Condenser N.A. 1.25 with iris diaphragm.

Phase achromatic objectives, 45mm par focal distance 10x (N.A. 0.025) 20x (N.A. 0.40) , 40x (0.65) Spring loaded, 100x (N.A. 1.25) Spring loaded, Oil immersion Phase centering telescope, Green filter & Turret condenser key.



PHASE CONTRAST & DARK FIELD ATTACHMENTS

DARK FIELD CONDENSER ATTACHMENT

Dark Field Condenser System is used to observe transparent object. Most plankton are so transparent that they are difficult to see even with bottom lighting. Dark ground illumination (Condenser) is a special kind of lighting used to make them show up better. Dark field condenser stops light coming from directly under the object and only lets it come up from the sides. Only light which reflects off the objects goes into the objective lens. The plankton shows up as bright objects on a drawback ground.

It comprises suitable immersion type dark field condenser with centering screws N.A. 1.20-1.33 & Achromatic objective 100x (SL) oil immersion with iris diaphragm for use dark field as well as on bright field.



INVERTED TISSUE CULTURE MICROSCOPES

We specialize in crafting high-quality inverted tissue microscopes that cater to the specific needs of researchers in the field of tissue analysis. Our exceptional inverted tissue microscopes combine advanced optics with ergonomic design for precise and comfortable imaging.

With uncompromising quality and superior imaging capabilities, our microscopes enable detailed examination and analysis of tissue samples, empowering scientists to unlock new insights in the realm of cellular research.



INVERTED TISSUE CULTURE TM-8/8A

Inverted Tissue Culture Microscope is used for tissue culture examination. This Microscope has coarse and fine adjustment, incident LED Light with variable light control arrangement.

It comes equipped with long working distance objectives and binocular head, complete with following optics in box :

LWD Objectives: 5x, 10x, 20x, 40x

Wide Field Eye pieces: 10x (Paired)

Packaging: Inner Thermocol/Styrofoam Packing and Outer Cardboard Box.



BINO



LED



TL



ABBE



230 V



TM-8A





- > High quality inverted biological microscope, having trinocular head, phase-contrast, ideal for lab
- > With Infinite optical system, providing excellent optical quality and making image perfect.
- > Creative body structure, sharp specimen image, convenient operation, specially designed for cell culture observing
- > Long working distance and Infinite Plan Objective, make visual field of specimen flatter, brighter, better contrast, and even more easy to observe the living cell's state
- > Standard Phase Contrast Annular Spot, center adjustable, enable observe low contrast or transparent specimen to get a sharp image

Packaging: Inner Thermocol/Styrofoam Packing and Outer Cardboard Box.

VIEWING HEAD:

Compensation free Binocular/ Trinocular Head inclined at 30°, 360°, Rotatable Interpupillary Distance: 48-75 mm

EYEPIECE (OCULAR):

High point, Extra wide field eyepiece EW10X/22mm

NOSEPIECE:

Inverse Quintuple Nosepiece

OBJECTIVES:

Long working distance Infinite Plan Achromatic objective (4x/0.1, WD 18mm), (10x/0.25, WD 10mm), (20x/0.4, WD 5.1 mm), (40x/0.6, WD 2.6mm- cover slip 1.2mm)
Infinite Plan Phase Objective : PH 10x/0.25, WD 10mm PH 20x/0.4, WD 5.1 mm PH 40x/0.6, WD 0.35 (cover slip 1.2mm) mm

CONDENSOR:

Super long working distance condensor NA0.3, LWD72mm;
If unload the condensor, the culture dish height could be 150mm

CENTERING TELESCOPE: Centering telescope 030MM

STAGE: Plane stage 160x250mm

PHASE CONTRAST SLIDING PLATE

10X, 20X-.40X center adjustable
Phase Contrast sliding plate

FOCUS SYSTEM

Coaxial coarse & fine focusing adjustment with rack and pinion mechanism Fine focusing scale Value 0.002mm

LIGHT SOURCE FILTER:

Halogen bulb 6V/30W

FILTER :

Blue, green, yellow and frosted glass

INVERTED TISSUE CULTURE TM-9



STEREO ZOOM MICROSCOPES

As a renowned manufacturer of high-quality stereo zoom microscopes, we are committed to providing researchers and professionals with exceptional optical instruments for precise observation and analysis. Our innovative products offer superior zooming capabilities, crystal-clear imaging, and ergonomic design for comfortable usage.

With our commitment to excellence and advanced technology, our stereo zoom microscopes deliver unparalleled performance and reliability, making them indispensable tools in various fields of research and industry.



STUDENT STEREO MICROSCOPE DSS-22

The excellent appearance
in accord with ergonomic design

Integrated body design
makes products maintains
long-term stability.

High quality 3W LED lamp
and long usage life.



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 & widefield eyepieces WF 10x or WF 15x (paired) are available on pillar stand with dioptric correction & trans illumination base as optional.

Packaging: Inner Thermocol/Styrofoam Packing and Outer Cardboard Box.





The excellent appearance
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Integrated body design
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long-term stability.

High quality 3W LED lamp
and long usage life.

- > Binocular Head Inclined at 45°, Interpupillary 55-75mm
- > Wide Field Eyepiece EW 10x & 18x
- > Objective - 2x/4x or 1x/3x
- > Working Distance 100mm
- > Stage 95mm,
- > 1 Pc Frosted Glass Stage (For Bottom Illumination)
- > 1 Pc Plastic Black/White Plate (For Top Illumination)
- > Illumination Transmit & Reflected

Packaging: Inner Thermocol/Styrofoam
Packing and Outer Cardboard Box.

STEREO MICROSCOPE

DS-50





STEREO ZOOM MICROSCOPE DSZ-77

Binocular Zoom Stereo Microscope adopts streamline integrated mechanical design. Easy operation, long working distance, clear resolved image, enclosure integrated. It can be extensively used for observation studies in medical and health, farming and forestry, biology and botany, as well as for inspection, assembling and repair of tiny precision parts in electronics and precision machine industries.

Specifications:

Viewing tube: Binocular, tube inclined at 45°, rotated at 360°, adjustable inter papillary distance (55-75mm), the left and right tubes have diopter adjustment

Eyepiece: WF10X

Objective: Zoom ratio 6.4:1, zooming range 0.7X to 4.5X

Main body: Column type

Top and bottom illumination: Reflected and transmitted halogen lamp, 6V/15W

Packaging: Inner Thermocol/Styrofoam Packing and Outer Cardboard Box.





Trinocular Zoom Stereo Microscope adopts streamline integrated mechanical design. Easy operation, long working distance, clear resolved image, enclosure integrated. It can be extensively used for observation studies in medical and health, farming and forestry, biology and botany, as well as for inspection, assembling and repair of tiny precision parts in electronics and precision machine industries.

Specifications:

Viewing tube: Binocular, tube inclined at 45°, rotated at 360°, adjustable inter papillary distance (55-75mm), the left and right tubes have diopter adjustment

Eyepiece: WF10X

Objective: Zoom ratio 6.4:1, zooming range 0.7X to 4.5X

Main body: Column type

Top and bottom illumination: Reflected and transmitted LED Bulb

Packaging: Inner Thermocol/Styrofoam Packing and Outer Cardboard Box.



BOTANY



ARCHEOLOGY



ZOOLOGY



WATCH INDUSTRY



ELECTRONICS



GEM INDUSTRY

STEREO ZOOM MICROSCOPE DSZ-88



TRINO



IL



HAL



ZOOM



230 V



2 DAY



POLARIZING MICROSCOPES

We are a leading manufacturer of high-quality polarizing microscopes, dedicated to empowering researchers and professionals in the field of materials analysis. Our state-of-the-art polarizing microscopes combine precision optics with advanced polarizing capabilities, enabling detailed examination of birefringent materials. With exceptional image clarity, ergonomic design, and robust construction, our polarizing microscopes deliver accurate and reliable results, making them essential tools for geological, mineralogical, and material science research. Trust us for uncompromising quality and unrivaled performance in polarized light microscopy.



STUDENT POLARIZING MICROSCOPE PM-9

Limb type hinged body inclinable 90° . Bertrand lens, sliding analyser $1/4$ wave & full wave compensator Ball Bearing mounted, rotatable stage divided $0-360^\circ$ with vernier Adjustable condensor N.A. 1.25. Polariser duly graduated with in- out system. Objectives P5x, P10x, P40x/45x. Eye-piece 5x(cross), 10x(ocular) & 15x(optional). Plano-concave reflector replaceable by sub-stage L.E.D. Lamp(optional)

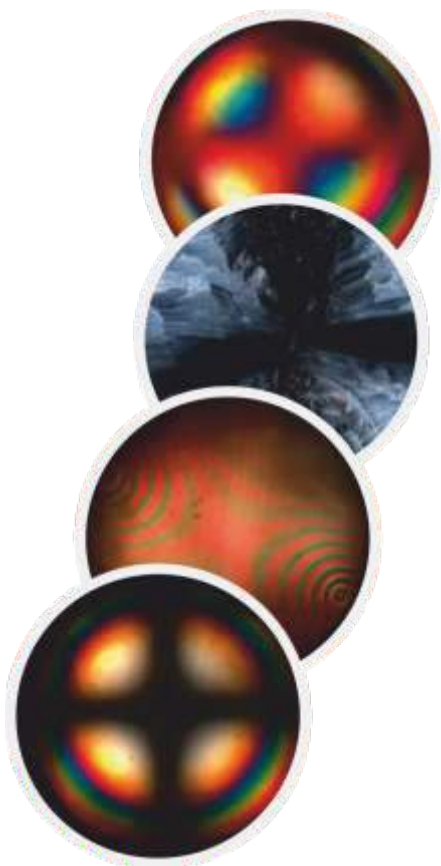
Packaging: Inner Thermocol/Styrofoam Packing and Outer Cardboard Box.


MONO


POLAR


TL


2 DAY

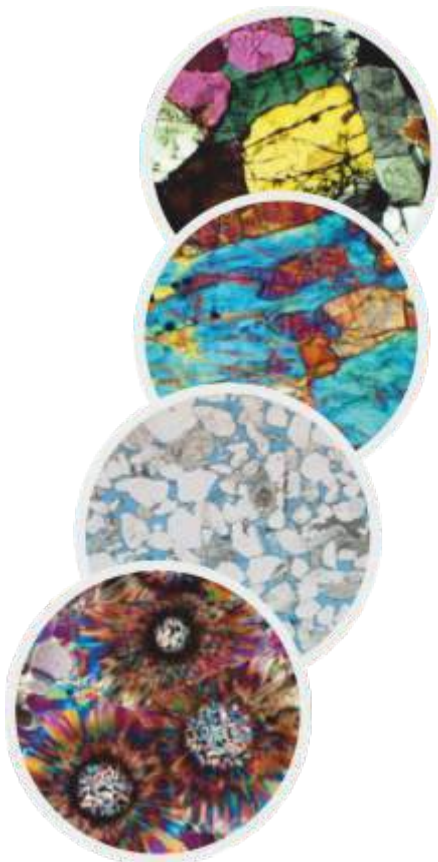




STUDENT POLARIZING MICROSCOPE PM-10

- > Monocular head replaceable with Bertrand lens, Sliding Analyzer 1/2 & 1/4 wave compensator.
- > Co-axial Focussing system
- > Rotatable stage divided into 0-360° with vernier
- > Adjustable Condenser N.A. 1.25.
- > Polarizer duly graduated with in- out system. Built in light arrangement with 6V20W halogen lamp.
- > Solid State light control arrangement.
- > Paired eye piece 5x(cross), 10x(ocular), 15x (optional).
- > Objectives P5x, P10x, P40x/45x

Packaging: Inner Thermocol/Styrofoam Packing and Outer Cardboard Box.



MONO



POLAR



TL



HAL



230 V

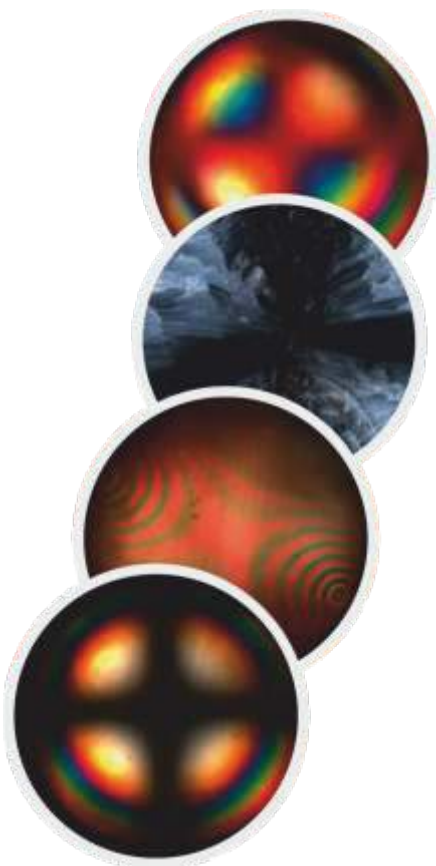


2 DAY

BINOCULAR POLARIZING MICROSCOPE PM-11

- > Binocular head replaceable with Monocular and Trinocular head.
- > Bertrand lens, Sliding Analyzer $1/2$ & $1/4$ wave compensator.
- > Co-axial Focussing system
- > Rotatable stage divided into $0-360^\circ$ with vernier
- > Adjustable Condensor N.A. 1.25.
- > Polarizer duly graduated with in- out system. Built in light arrangement with 6V-20W halogen lamp.
- > Solid State light control arrangement.
- > Paired eye piece 5x(cross), 10x(ocular), 15x (optional).
- > Objectives P5x, P10x, P40x/45x

Packaging: Inner Thermocol/Styrofoam Packing and Outer Cardboard Box.



TRINOCULAR POLARIZING MICROSCOPE PM-12

- > Trinocular head replacable with Monocular , and Binocular head. Bertrand lens, Sliding Analyzer 1/2 & 1/4 wave compensator.
- > Rotatable stage divided into 0-360° with vernier
- > Adjustable Condensor N.A. 1.25.
- > Co-axial Focussing system
- > Polarizer duly graduated with in- out system. Built in light arrangement with 6V20W halogen lamp. Solid State light control arrangement.
- > Paired eye piece 5x(cross), 10x(ocular), 15x (optional).
- > Objectives P5x, P10x, P40x/45x

Packaging: Inner Thermocol/Styrofoam Packing and Outer Cardboard Box.



- > Both Incident & Transmitted lights are provided for ore Microscopy
- > Binocular head replacable with Monocular , and Trinocular head. Bertrand lens, Sliding Analyzer 1 / 2 & 1 / 4 wave compensator.
- > Co-axial Focussing system
- > Rotatable stage divided into 0-360° with vernier
- Adjustable Condensor N.A. 1.25.
- > Polarizer duly graduated with in- out system. Built in light arrangement with 6V-20W halogen lamp.
- > Solid State light control arrangement.
- > Paired eye piece 5x(cross), 10x(ocular), 15x (optional).
- > Objectives P5x, P10x, P40x/45x

Packaging: Inner Thermocol/Styrofoam Packing and Outer Cardboard Box.



**OR-02 with
Trinocular Head**

MULTI HEAD MICROSCOPES

As a premier manufacturer of high-quality penta and decahead microscopes, we are dedicated to providing researchers and professionals with exceptional imaging solutions for multi-sample observation. Our advanced multihead microscopes, feature precise positioning, bright illumination, and ergonomic design for efficient sample analysis. With superior optics and robust construction, our penta and decahead microscopes offer unparalleled versatility and reliability, making them ideal tools for diverse laboratory applications. Trust us for cutting-edge technology and uncompromising quality in multi-sample microscopy.



Multiviewing/ Pentahead MICROSCOPE X-555

This Microscope comes with Achromatic optical system, which provides a very good optical quality image. Also, with 5 Binocular head system, provided with a wooden table, makes it easier to simultaneously see the sample and study them together for 5 people. High intensity LED lighting makes it easier to view the samples without any stress. This makes the microscope optimum for Medical & Dental College Students.

- > 5 Binocular head for multiple view
- > Wide Field Eyepiece WF 10x/18mm
- > Quadruple Nosepiece
- > Achromatic Objective 4x, 10x, 40x, 100x
- > Swing Condenser N.A.0.9/0.25
- > Coaxial Coarse and Fine Adjustment,
- > Fine Division 0.002mm
- > Plain Layer Mechanical Stage 140mm x 140mm
- > Halogen lamp 6V/30W, Brightness Adjustable
- > LED Pointer, Brightness Adjustable

Packaging: Inner Thermocol/Styrofoam Packing and Outer Cardboard Box.





Multiviewing/ Decahead MICROSCOPE X-10

This Microscope comes with Infinity corrected plan optical system, which provides excellent optical quality image makes it easier to simultaneously see the slide and study it together for 10 people. This makes the microscope optimum for Medical/Dental College and Research use.

- > 1 Trinocular main Head & 9 Seidentopf Binocular heads inclined at 30°
- > Wide Field Eyepiece EWF 10X/22mm
- > Quadruple Nosepiece
- > Infinity plan Objective 4x, 10x, 40x, 100x
- > Abbe Condenser N.A. 1.25
- > Coaxial Coarse and Fine Adjustment
- > Double Layer Mechanical Stage 180mmx160mm
- > Halogen lamp 12V/100W, Brightness Adjustable
- > LED Cursor Pointer, Brightness Adjustable

Packaging: Inner Thermocol/Styrofoam Packing and Outer Cardboard Box.



DIGITAL & PROJECTION MICROSCOPES

We specialize in crafting high-quality digital microscopes that revolutionize the way researchers and professionals observe and analyze samples. Our advanced digital microscopes combine exceptional optics with state-of-the-art digital imaging technology, allowing for precise imaging, real-time video capture, and seamless connectivity. With user-friendly interfaces and versatile features, our digital microscopes empower users to capture, analyze, and share high-resolution images and videos with ease.

Trust us for unparalleled quality and innovation in digital microscopy.



DIGITAL VIDEO MICROSCOPE

DVM - 01

Research Microscope with 7" LED Display

MAIN SPECIFICATIONS

VIEWING HEAD: Compensation free Trinocular Head inclined at 45°,

Interpupillary Distance: 55-75 mm

EYEPIECE (OCULAR): 10x (paired),
field of view : 20mm

Objective : Achromatic : 4x, 10x, 40x, 100x

Nosepiece : Quadruple nosepiece with positive click stops moving on balls

Focussing System : Co-axial Coarse and Fine Focusing System, Sensitivity and Graduation of Fine Focus :
0.004mm, Range : 24mm

CONDENSOR: Abbe N.A. 1.2

STAGE: Double Layer Mechanical Stage, Area: 132X142mm,
Movement Range : 75x40mm

LAMP HOUSE: LED Lamp 3W

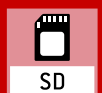
DISPLAY SPECIFICATIONS

LED SIZE: 7" TFT LED Screen (All functions controlled by remote control)

VALID PIXEL: 3 M.P.

POWER: DC 12V

Packaging: Inner Thermocol/Styrofoam Packing and Outer Cardboard Box.





DIGITAL VIDEO MICROSCOPE

DVM - 01+

Research Microscope with 7" LED Display

MAIN SPECIFICATIONS

TUBE LENGTH: 160mm

VIEWING HEAD: Compensation free Binocular Head inclined at 30°, Interpupillary Distance: 55-75 mm

EYEPIECE (OCULAR): Line field of view : 18mm

Objective : Plan Achromatic : 4x, 10x, 40x, 100x

Nosepiece : Backward Quadruple Nosepiece

Focussing System : Co-axial Coarse and Fine Focusing System, Sensitivity and Graduation of Fine Focus : 0.004mm, Range : 24mm

CONDENSOR: Abbe N.A. 1.2

STAGE: Double Layer Mechanical Stage, Area: 132X142mm, Movement Range : 75X40mm

LAMP HOUSE: Halogen Lamp 6V,20W or LED Lamp 3W

Inbuilt Battery Backup Facility

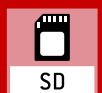
DISPLAY SPECIFICATIONS

LED SIZE: 7" TFT LED Screen (All functions controlled by remote control)

VALID PIXEL: 3 M.P.

POWER: DC 12V

Packaging: Inner Thermocol/Styrofoam Packing and Outer Cardboard Box.





Research Microscope with 9" LED Display

MAIN SPECIFICATIONS

VIEWING HEAD: Compensation free Trinocular Head inclined at 45°, Interpupillary Distance: 55-75 mm

EYEPIECE (OCULAR): 10X (paired), field of view : 20mm

Objective : Achromatic : 4X, 10X, 40X, 100X

Nosepiece : Quadruple nosepiece with positive click stops moving on balls

Focussing System : Co-axia Coarse and Fine Focusing System.
Sensitivity and Graduation of Fine Focus : 0.004mm, Range : 24mm

CONDENSOR: Abbe N.A. 1.2

STAGE: Double Layer Mechanical Stage, Area: 132X142mm,
Movement Range : 75X40mm

LAMP HOUSE: Halogen Lamp 6V,20W or LED Lamp 3W

CAMERA SPECIFICATION

IMAGE SENSOR: 1/2.5" (4:3), 5 Mega Pixel Color CMOS Sensor

VALID PIXEL: 2592H × 1944V

PIXEL SIZE: 2.2um x 2.2um

DYNAMIC RANGE: 66.5dB

RESOLUTION & FRAME FREQ.: Frame Rate -1280×720 15
f/s:640×480 30f/s

S/N RATIO: 40.5dB

SENSITIVITY: 0.53V/lux-sec(550nm)

TABLET SPECIFICATION

LED SIZE: 9.7inch 1024*768 IPS LCD

RAM: 1GB DDR3 RAM

ROM: 2GB Internal Memory, External SD Memory Card, Maximum
Capacity Up to 32GB

BANDING SOFTWARE: Build-in Microscopy Software (Measuring
and Particle Analysis)

POWER: DC5V Power

OPERATING SYSTEM: Android 4.2.2

OUTPUT: HDMI Output, SD Card Support, Bluetooth

Packaging: Inner Thermocol/Styrofoam Packing and Outer
Cardboard Box.

DIGITAL VIDEO MICROSCOPE

DVM - 02





MAIN SPECIFICATIONS

Viewing Head: Trinocular Head Inclined at 309, 360° Rotatable, Interpupillary Distance 54–75 mm. Diopter. Adjustable ± 5 On Left Tube

Eyepiece (ocular): Wide Field Eyepiece WF10X/18mm

Objective : Plan Achromatic Objectives 4x, 10x, 40xs, 100xs(oil)

Nosepiece : Quadruple Nosepiece

Focussing System : Coaxial Coarse and Fine Adjustments, Fine Division 0.002mm, Coarse Stroke 36mm Supplied With An Adjustable Rack Stop To Prevent Damage To Sample And Objectives, The Coarse Adjustment Are Equipped With Friction Control

Condensor: Abbe Condenser N.A. 1.25 With Iris Diaphragm And Filter Holder

STAGE: Double Layer Mechanical Stage 110x125mm, Moving Range 30x75mm

Illumination: 3W LED, Brightness Adjustable, Powered By Outlet 110–240V Adapter

Adapter: Eyepiece Tube Adapter

Inbuilt Battery Backup Facility

CAMERA SPECIFICATION

IMAGE SENSOR: 1/2.5" (4:3), 5 Mega Pixel Color CMOS Sensor

VALID PIXEL: 2592H x 1944V

PIXEL SIZE: 2.2 μ m x 2.2 μ m

DYNAMIC RANGE: 66.5dB

RESOLUTION & FRAME FREQ.: Frame Rate –1280x720 15f/s: 640×480 30f/s

S/N RATIO: 40.5dB

SENSITIVITY: 0.53V/lux-sec(550nm)

TABLET SPECIFICATION

LED SIZE: 9.7inch 1024*768 IPS LCD Video Capacity

RAM: 1GB DDR3 RAM

ROM: 2GB Internal Memory, External SD Memory Card, Maximum Capacity Up to 32GB

BANDING SOFTWARE: Build-in Microscopy Software (Measuring and Particle Analysis)

POWER: DC5V Power

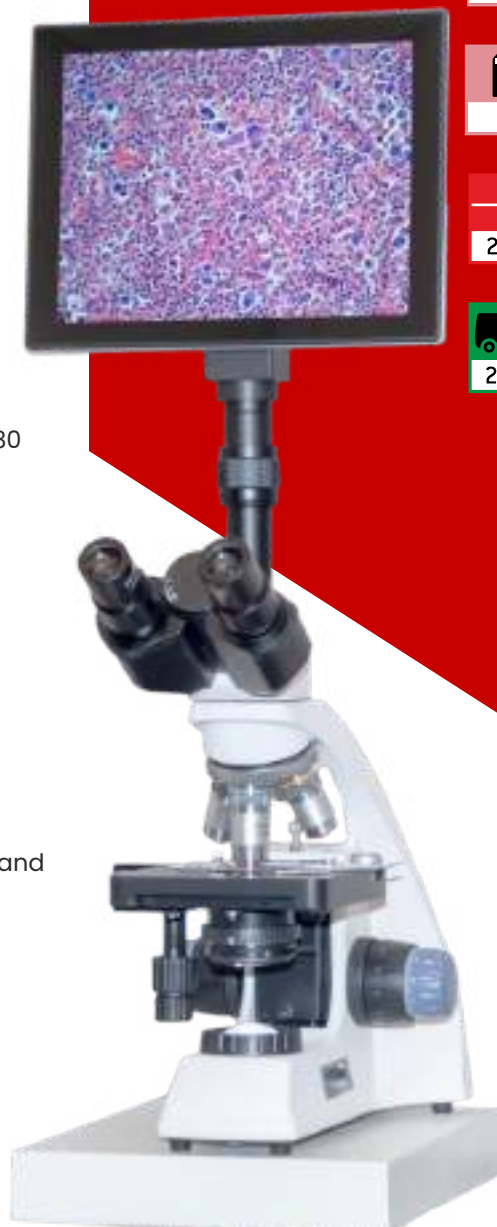
OPERATING SYSTEM: Android 4.2.2

OUTPUT: HDMI Output, SD Card Support, Bluetooth

Packaging: Inner Thermocol/Styrofoam Packing and Outer Cardboard Box.

DIGITAL VIDEO MICROSCOPE

DVM – 02+





DIGITAL VIDEO MICROSCOPE

DVM – 03

MAIN SPECIFICATIONS

VIEWING HEAD: Trinocular Head Inclined at 30°, 360° Rotatable, Interpupillary Distance 54-75 mm, Diopter Adjustable ± 5 On Left Tube

EYEPIECE (OCULAR): Wide Field Eyepiece WF10X/18mm

Objective : Semi Plan Achromatic Objectives 4x, 10x, 40xs, 100xs(oil)

Nosepiece : Quadruple Nosepiece

Focussing System : Coaxial Coarse and Fine Adjustments, Fine Division 0.002mm, Coarse Stroke 36mm Supplied With An Adjustable Rack Stop To Prevent Damage To Sample And Objectives, The Coarse Adjustment Are Equipped With Friction Control

CONDENSOR: Abbe Condenser N.A. 1.25 With Iris Diaphragm And Filter Holder

STAGE: Double Layer Mechanical Stage 110X125mm, Moving Range 30x75mm

LAMP HOUSE: 3W LED, Brightness Adjustable, Powered By Outlet 110-240V Adapter

CAMERA SPECIFICATION

IMAGE SENSOR: 1/2.5" (4:3), 5 Mega Pixel Color CMOS Sensor

VALID PIXEL: 2592H x 1944V

PIXEL SIZE: 2.75 μ m x 2.75 μ m

DYNAMIC RANGE: 66.5dB

RESOLUTION & FRAME FREQ.: Frame Rate - 1024 x 600@30FPS

S/N RATIO: 40.5dB

SENSITIVITY: 0.53V/lux-sec(550nm)

TABLET SPECIFICATION

LED SIZE: 9inch 1024*768 IPS LCD Video Capacity

RAM: 1GB DDR3 RAM

POWER: DC5V Power

SYSTEM CONNECTIVITY: PC Connect through software

OUTPUT: USB Output to PC and Mouse Support

Packaging: Inner Thermocol/Styrofoam Packing and Outer Cardboard Box.





DIGITAL VIDEO MICROSCOPE

DVM - 03+

MAIN SPECIFICATIONS

VIEWING HEAD: Trinocular Head Inclined at 30°, 360°

Rotatable, Interpupillary Distance 54-75 mm, Diopter

Adjustable ± 5 On Left Tube

EYEPIECE: Wide Field Eyepiece WF10X/18mm

Objective : Plan Achromatic Objectives 4x, 10x, 40xs, 100xs(oil)

Nosepiece : Quadruple Nosepiece

Focussing System : Coaxial Coarse and Fine Adjustments, Fine Division 0.002mm, Coarse Stroke 36mm Supplied With An Adjustable Rack Stop To Prevent Damage To Sample And Objectives, The Coarse Adjustment Are Equipped With Friction Control

CONDENSOR: Abbe Condenser N.A. 1.25 With Iris Diaphragm And Filter Holder

STAGE: Double Layer Mechanical Stage 110x125mm, Moving Range 30x75mm

ILLUMINATION: 3W LED, Brightness Adjustable, Powered By Outlet 110-240V Adapter

ADAPTER: Eyepiece Tube Adapter

Inbuilt Battery Backup Facility

CAMERA SPECIFICATION

IMAGE SENSOR: 1/2.5" (4:3), 5 Mega Pixel Color CMOS Sensor

VALID PIXEL: 2592H x 1944V

PIXEL SIZE: 2.75 μ m x 2.75 μ m

DYNAMIC RANGE: 66.5dB

RESOLUTION & FRAME FREQ.: Frame Rate - 1024 x 600@30FPS

S/N RATIO: 40.5dB

SENSITIVITY: 0.53V/lux-sec(550nm)

TABLET SPECIFICATION

LED SIZE: 9inch 1024*768 IPS LCD Video Capacity

RAM: 1GB DDR3 RAM

POWER: DC5V Power

SYSTEM CONNECTIVITY: PC Connect through software

OUTPUT: USB Output to PC and Mouse Support

Packaging: Inner Thermocol/Styrofoam Packing and Outer Cardboard Box.





DIGITAL VIDEO MICROSCOPE

DVM – 04

Head: Trinocular Head, Sidentoph at 30°, 360° Rotatable, Interpupillary Distance 50-75 mm, Diopter Adjustable ± 5 On Left Tube

Eyepiece: Wide Field Eyepiece WF 10X/20mm

Objective : SP Plan Achromatic Objectives 4x, 10x, 40x, 100x(oil)

Viewing Head : Articulated Free Trinocular Head, 30°inclined, Interpupillary Distance 50-75mm

Nosepiece : Reverse Quadruple Nosepiece (inward facing)

Focusing System : Coaxial Coarse and Fine Adjustments, Fine Division 0.002mm, Coarse Stroke 37.7mm Supplied With An Adjustable Rack Stop To Prevent Damage To Sample And Objectives, The Coarse Adjustment Are Equipped With Friction Control

Stage: Double Layer Mechanical Stage 140x140mm, Moving Range 50x75mm

Illumination : 3W LED, Brightness

Adjustable, Powered by 110-240V Adapter

Packaging: Inner Thermocol/Styrofoam Packing and Outer Cardboard Box.

WINDOWS TABLET SPECIFICATION

Screen Size	11"
Camera Sensor size	1/2.3"
Effective pixels	16 million pixels
Resolution	1920*1080@30FPS
Output	USB2.0, HDMI, TF card, WIFI
Pixel size	1.335*1.335um
Power	DC-12V/2A

Software Features

UI, Digital design, mouse operation, humanized setting, Mark function, Point coordinates, cross lines, coordinate systems, text annotations, Length measuring, Line length, Line length, length of curve, parallel line distance and point line distance Center distance of circles, Radius fixed circle, two point, circle, three point fixed circle, Geometry measurement, Line length, radius fixed circle, two point circle, three point fixed circle, concentric circle, Geometry area Polygon and square Image capture Support 16M photos

Video record	Support 1080P video
Measuring Tool	S-EYE Software





IMAGING CAMERAS

ACVT-32 A

ACVT32B Series cameras are high end microscope cameras, specially designed for microscope application. Adopt large area array high performance SONY sensor, with image buffer technology. Have various outstanding features like: Low noise, High definition, Excellent color reproduction and stable transmission etc.

TECHNICAL SPECIFICATIONS

SensorType	Sony
ColorType	Color
Pixel	3MP / 5MP
PixelSize	2.1μm
SensorSize	1/2.5"
ShutterType	Rolling
Resolution	2048X1536 / 2592X1944
DataInterface	USB3.0
FrameRate	6FPS
LensMount	CMountLens



ACVT-32 A (3MP)



ACVT-32 B (5MP)

MICRO CAM

New 4K ULTRA-HD Digital Camera
providing a more user-friendly
Imaging Experience

SPECIFICATION

Sensor size	Sensor 1/1.8" SONY
Pixels Size	1200μm
Frame rate	30 FPS
Resolution	3840 x 2160P
Gain Control	Support
Pixel Depth	12bit
Definition	4K UHD
Exposure	Manual/AUTO
White Balance	Manual/AUTO
Photo & Video	Support
Image format	TIF, BMP, JPG, RAW
Operating system	Windows 10/11 32/64bit
Camera adapter	C-mount
Power supply	12V 1A





Projection Microscope (KW-500)

Illumination

It comes equipped with 12V 100W Halogen Lamp

Stage

110 x 110mm square stage is provided with stage clips to hold the slide (optional Mechanical Stage)

Focussing

Focussing control knob on both sides of the instrument is conveniently located for easy operation of the rack and pinion with 15mm range.

Nose Piece

Triple revolving nosepiece with positive click stops.

Screen & Wall Projection

160mm dia. optically true ground glass screen is provided to have high resolving power. The screen housing is hinged to the body frame and can be removed to one side to have projection on the wall or screen in a dark room

Objectives

This Microscope is equipped with three Achromatic objectives 5x, 10x & 20x

Packaging: Inner Thermocol/Styrofoam Packing and Outer Cardboard Box.



**Body**

Monocular fixed straight tube (Length – 160mm)

Illumination

LED Lamp

Stage

110 x 110mm square stage is provided with stage clips to hold the slide (optional Mechanical Stage).

Focussing

Focussing control knob on both sides of the instrument is conveniently located for easy operation of the rack and pinion with 15mm range.

Nose Piece

Triple revolving Nosepiece with positive click stops

Screen

150mm diameter glass projection screen is provided which can be rotated over 360 degrees on Microscope tube.

Objectives

Achromatic 4x, 10x & 40x

Packaging: Inner Thermocol/Styrofoam Packing and Outer Cardboard Box.

STUDENT PROJECTION MICROSCOPE

(Doom Type)

KW-700C



METALLURGICAL MICROSCOPES

Instruments is a trusted manufacturer of metallurgical microscopes, catering to the specific needs of metallurgical analysis and research. Our metallurgical microscopes offer advanced features like polarized light, high magnification, and precision optics, ensuring accurate and detailed examination of metal samples. With our commitment to quality and reliability, we provide researchers, engineers, and professionals in the metallurgical industry with powerful tools to enhance their analysis, enabling them to make informed decisions and drive advancements in materials science and engineering. Choose Instruments for superior metallurgical microscopes that deliver exceptional performance and contribute to your success in the field.



Inclined Metallurgical Microscope comes fitted with Monocular observation tube inclined at 45°.

It is provided with Bright field horizontal illuminator with centering provision, field and aperture diaphragm, and slots for dropping filter. It comes equipped with Quadruple revolving nose piece.

There is a Special graduated mechanical stage for easy study of the samples and is supplied with variable light control transformer and following optics in box :

LWD Objectives: M10X and M45X (SL)

Wide Field Eye pieces: WF10X and H15X

Packaging: Inner Thermocol/Styrofoam Packing and Outer Cardboard Box.

Inclined Metallurgical Microscope

MM-2





Binocular Head having Hard Coated Prisms
Bright Field horizontal illuminator with centering provision
Quadruple revolving nose piece
Special Graduated mechanical stage
Variable light control through Heavy-Duty transformer

Objectives : 10x, 45x
Optional objectives : 5x, 100x
Eye-pieces : WF10x (paired)
Magnification : 100x to 450x.

Packaging: Inner Thermocol/Styrofoam Packing and
Outer Cardboard Box.

Metallurgical Microscope (Binocular)

MM-3





Metallurgical Microscope (Trinocular)

MM-4

All New Design

Trinocular Head having Hard coated prisms

Quadruple revolving Ball Bearing Nose piece

Double layered and Fine Focusing system

Special graduated mechanical stage with low positioned coaxial knobs

Bright 12V, 50W Halogen Light with Solid state power supply circuitry.

Semi-plan Achromatic objectives, Wide Field Eye Piece (Hard Coated) for better results for all magnifications.

Special Green and Brown filters for studying various samples

Objectives: 5x, 10x, 20x, 45x

Eye pieces : WF 10x (Paired)

Packaging: Inner Thermocol/Styrofoam Packing and Outer Cardboard Box.





Inverted Metallurgical Microscope

MM-5

Presenting our latest model of trinocular inverted metallurgical microscope having co-axial coarse and fine motion assembled on ball bearing guides. It is equipped with horizontal illuminator with centering provision, field and aperture diaphragm and slots for dropping filters. Built in base, variable solid state transformer. Large sturdy stage with X-Y axis movements for optimum study of sample.

Objectives: M5x, M10x, M20x, M40x/45x

Eye pieces: WF 10x (Paired)

Optional Objectives: 100x

Magnification : 50x to 450x

Packaging: Inner Thermocol/Styrofoam Packing and Outer Cardboard Box.





Inverted Metallurgical Microscope

MM-5a

Presenting our latest model of trinocular inverted metallurgical microscope having co-axial coarse and fine motion assembled on ball bearing guides. It is equipped with horizontal illuminator with centering provision, field and aperture diaphragm and slots for dropping filters. Built in base, variable solid state transformer. Large sturdy stage with X-Y axis movements for optimum study of sample.

Head

Compensation Free Trinocular Head, 45 Inclined, 360° Rotatable, Interpallary Distance 54-75mm, Diopter Adjustable, Light Split 8:2

Objectives

Long Working Distance Plan Metallurgical Achromatic (LMPL5X/0.15, LMPL10X/0.3, LMPL20X/0.4)

Long Working Distance Plan Metallurgical Achromatic, Semi-APO (LMPL50X/0.6)

Stage

Triple Layer Working Stage, Size 180*155mm,

Moving Range 75*40mm

Metal Plate, Center Hole Dia. 25mm

Metal Plate, Center Hole Dia. 12mm

Focusing

Low Position Coaxial Coarse & Fine Focusing, Coarse Focus Range 38mm. Fine Focusing

Precision 0.002mm, with Tension

Adjustment. with Up-limited Stop

Condenser

Swing-out Condenser N.A.0.7, for Transmit Light

Filter

Blue Filter, Dia. 32mm

Illumination

Reflect Kohler Illumination, with View Field Diaphragm, with Iris Diaphragm, Center Adjustable, 5W LED, Warm Light, Brightness Control

Packaging: Inner Thermocol/Styrofoam Packing and Outer Cardboard Box.





BRINELL MICROSCOPE

MM-6

Brinell Microscope features a calibrated reticle in a flat field optical system. This Microscope makes accurate measurements of the indentations for all Brinell type hardness testers.

Our Brinell Microscope MMP-6 is Compact, Durable & very accurate thus making it suitable for both Shop and Laboratory use. This Microscope is designed to easily measure the Brinell hardness value of different ferrous and non-ferrous metals. It can determine the brinell hardness by measuring the diameter of the indentations.

Magnification: 25X

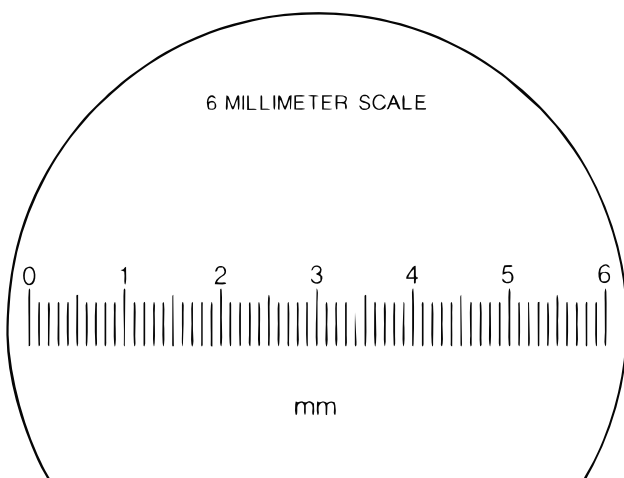
Reticle scale length: 6.0 mm

Scale divisions: 0.1 mm

Field diameter: 7.0 mm

Illumination: Changeable LED Lamp

Packaging: Inner Thermocol/Styrofoam Packing and Outer Cardboard Box.



The Scale is Calibrated in 0.1 mm units over a range of 6mm. The Diameter of the microscope field is 7mm





TOOL MAKER MICROSCOPE

KW 900

This Microscope has X-Y movement on ball bearing slides, having micrometer (50mm dia) Least Count – 0.01 or 0.005mm with goniometer. Fixed magnification 30x. 150x150mm stage, and 360° rotary head. Having both transmitted & incident light. This comes packed in a wooden box.

Technical Specifications:

Observation Tube

Monocular, Inclined at 30-degrees.

Base

Large and heavy base provides extra overall rigidity to the instrument.

Stage

150mm X 150mm size assembled on ball bearing guides to provide accurate and smooth stage stroke upto 50mm in each direction.

Illumination

Sub-stage lamp emits transmitted light from a bottom source equipped with halogen lamp.

Packaging: Inner Thermocol/Styrofoam Packing and Outer Cardboard Box.





Traveling Microscope

VM-1

Our Travelling microscope (VM-1) consists of a cast iron base with machined vee-top surface and is fitted with three levelling screws, one being fixed the microscopes can travel Horizontally 22 cm. and vertically 15 cms. with the help of slides. Two slow motion knobs are provided for taking accurate readings.

Vernier readings 0.01 mm. or 0.02 mm.

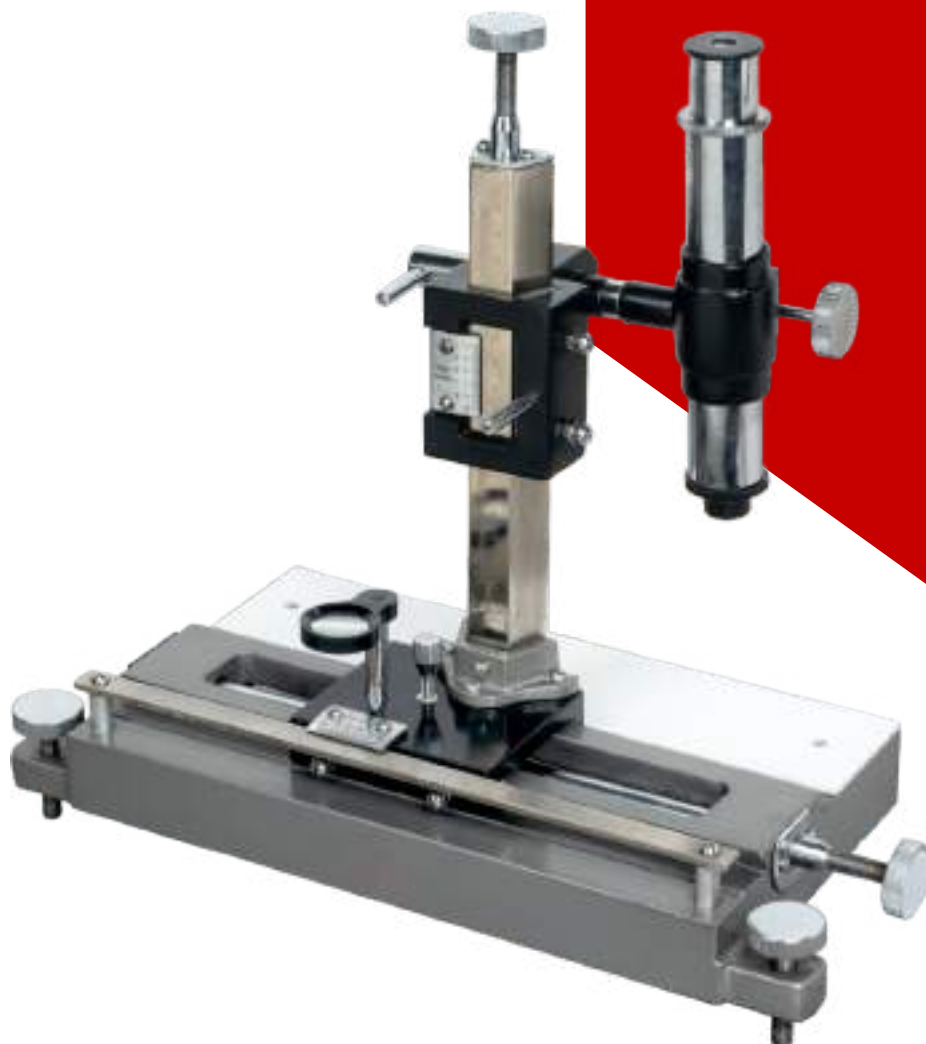
Milky cenolite sheet is provided on the base for the placing objects on horizontal stage.

Nicely packed in wooden box. with following optics:

Objective - Achromatic 2x (FL-50mm)

Eye Piece - 10x with cross hair line

Packaging: Inner Thermocol/Styrofoam Packing and Outer Cardboard Box.





Traveling Microscope

VM-2B

Deluxe Travelling Microscope (VM-2B) for three axes measurement Horizontal, vertical and right angled transverse motion with rack and pinion mechanism. The microscope can travel horizontally 20cm, vertically 15cm & right angled transverse movement 25mm. Nicely packed in wooden box. with following optics:
Objective - Achromatic 2x (FL-50mm)
Eye Piece - 10x with

Packaging: Inner Thermocol/Styrofoam Packing and Outer Cardboard Box.

