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DISSECTING MICROSCOPE MD-1

ALAMICRO®



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.

DISSECTING MICROSCOPE MD-2



MD-2 Senior Dissecting Microscope has heavy round base with a precisely designed body. Sensitive focussing is done by rack-pinion movement. A joint revolving arm is provided for moving magnifying lens over full area of the stage. It is easily replaceable by a special bulls eye lens (83mm dia.) to increase the field of vision.

A piano-concave mirror reflects sufficient day light and artificial light on the object. Detachable hand rests on both sides of stage provided for a study support during dissection. Provided with 10x & 20x eye pieces and special bulls eye lens (83mm dia.).

Packed in wooden carrying cabinet.

Packaging:

Inner Thermocol/Styrofoam Packing and Outer Cardboard Box.



STUDENT MICROSCOPE

BM-2

ALAMICRO®

Head: Monocular Head 90°

Viewing Angle: 90°

Observation mode: Mirror

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

Nosepiece: Triple revolving nosepiece with click stops.

Objectives: Achromatic 10x and 40x

Specimen Stage: High quality S.S. Stage

Focussing: By vertical movement of the Observation tube, with coarse adjustment using rack pinion movement and, fine motion by screw lever mechanism

Condenser: Abbe condenser having Numerical aperture of 1.25 with iris Diaphragm and swing out filter holder. This condenser Unit incorporates high efficiency optical system for optimum utilization of light

Illumination: Arc reflector set for using natural light to study the slide



STUDENT MICROSCOPE BM-3



Head: Monocular Head 90°

Viewing Angle: 90°

Observation mode: Mirror

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

Nosepiece: Triple revolving nosepiece with click stops.

Objectives: Achromatic 10x and 40x

Specimen Stage: High quality S.S. Stage

Focussing: By vertical movement of the Observation tube, with coarse adjustment using rack pinion movement and, fine motion by screw lever mechanism

Condenser: Abbe condenser having Numerical aperture of 1.25 with iris diaphragm and swing out filter holder.

Illumination: Arc reflector set for using natural light to study the slide



STUDENT MICROSCOPE BM-4

ALAMICRO®

Head: Monocular Head 90°

Viewing Angle: 90°

Observation mode: Mirror

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

Nosepiece: Triple revolving nosepiece with click stops.

Objectives: Achromatic 10x and 40x

Specimen Stage: High quality S.S. Stage

Focussing: By vertical movement of the Observation tube, with coarse adjustment using rack pinion movement and, fine motion by screw lever mechanism

Condenser: Abbe condenser having Numerical aperture of 1.25 with iris Diaphragm and swing out filter holder. This condenser Unit incorporates high efficiency optical system for optimum utilization of light

Illumination: Arc reflector set for using natural light to study the slide



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



Head: Monocular Head 90°

Viewing Angle: 90°

Observation mode: Mirror

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

Nosepiece: Triple revolving nosepiece with click stops.

Objectives: Achromatic 10x and 40x

Specimen Stage: High quality S.S. Stage

Focussing: By vertical movement of the Observation tube, with coarse adjustment using rack pinion movement and, fine motion by screw lever mechanism

Condenser: Abbe condenser having Numerical aperture of 1.25 with iris Diaphragm and swing out filter holder. This condenser Unit incorporates high efficiency optical system for optimum utilization of light

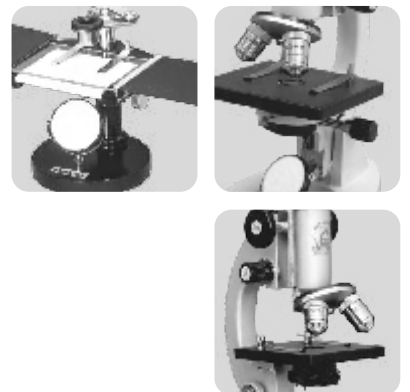
Illumination: Arc reflector set for using natural light to study the slide



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.



LABORATORY MICROSCOPE BM-5

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



Head: Monocular Head 90°

Viewing Angle: 90°

Observation mode: MIRROR/LED

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

Nosepiece: Triple revolving nosepiece with click stops.

Objectives: Achromatic 10x, 40/45x & 100x (Oil Immersion)

Specimen Stage: "Fixed Co-axial horizontal graduated mechanical stage 120mm x 120mm with convenient adjustment for slide movement.

Focussing: Separate coarse and fine motion

Condenser: 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.

Illumination: By plano concave mirror



LABORATORY MICROSCOPE

BM-6mo

ALAMICRO®

Head: Monocular Head 45° inclined rotatable at 360°

Viewing Angle: 45°

Observation mode: BRIGHT FIELD

Eye Piece/FOV: One 10x Wide Field Eye-piece/FOV 18MM

Nosepiece: Quadruple

Objectives: Parafoal Achromatic, 4x, 10x, 40x SLand 100x SL Oil immersion.

Specimen Stage: Horizontal Mechanical of size 120 X 125mm min.

Focussing: Separate coarse and fine motion

Condenser: Moveable Abbe N.A. 1.25 with iris aperture diaphragm & filter slot

Illumination: LED Light with on/off switch, light intensity regulator and Plano concave mirror attachment suitable for 220V, 50 Hz. AC supply.



LABORATORY MICROSCOPE BM-6bi

Head: Binocular Head 30° inclined rotatable at 360°

Viewing Angle: 45°

Observation mode: BRIGHT FIELD

Dioptric adjustment: Yes, on left tube ± 5

Eye Piece/FOV: One 10x Wide Field Eye-piece/FOV 18MM

Nosepiece: Quadruple

Objectives: Parafoal Achromatic, 4x, 10x, 40x SL and 100x SL Oil immersion.

Specimen Stage: Horizontal Mechanical of size 120 X 125mm min.

Focussing: Separate coarse and fine motion

Condenser: Moveable Abbe N.A. 1.25 with iris aperture diaphragm & filter slot

Illumination: LED Light with on/off switch, light intensity regulator and Plano concave mirror attachment suitable for 220V, 50 Hz. AC supply.



BM-6TR



STUDENT MICROSCOPE

BM-8mo

ALAMICRO®

Head: Binocular Head 30° inclined rotatable at 360°

Viewing Angle: 45°

Observation mode: BRIGHT FIELD

Dioptric adjustment: Yes, on left tube ±5

Eye Piece/FOV: One 10x Wide Field Eye-piece/FOV 18MM

Nosepiece: Quadruple

Objectives: Parafoveal Achromatic, 4x, 10x, 40x SL and 100x SL
Oil immersion.

Specimen Stage: Horizontal Mechanical of size
120 X 125mm min.

Focussing: Separate coarse and fine motion

Condenser: Moveable Abbe N.A. 1.25 with iris aperture diaphragm
& filter slot

Illumination: LED Light with on/off switch, light intensity
regulator and Plano concave mirror attachment suitable
for 220V, 50 Hz. AC supply.



STUDENT MICROSCOPE BM-8bi

Head: Binocular Head 30° inclined rotatable at 360°

Viewing Angle: 45°

Observation mode: BRIGHT FIELD

Dioptric adjustment: Yes, on left tube ± 5

Eye Piece/FOV: One 10x Wide Field Eye-piece/FOV 18MM

Nosepiece: Quadruple

Objectives: Parafoal Achromatic, 4x, 10x, 40x SLand 100x SL
Oil immersion.

Specimen Stage: Horizontal Mechanical of size
120 X 125mm min.

Focussing: Separate coarse and fine motion

Condenser: Moveable Abbe N.A. 1.25 with iris aperture diaphragm
& filter slot

Illumination: LED Light with on/off switch, light intensity
regulator and Plano concave mirror attachment suitable
for 220V, 50 Hz. AC supply.



STUDENT MICROSCOPE

BM-8tr

ALAMICRO®

Head: Trinocular Head 30° inclined rotatable at 360°

Viewing Angle: 45°

Observation mode: BRIGHT FIELD

Dioptric adjustment: Yes, on left tube ±5

Eye Piece/FOV: One 10x Wide Field Eye-piece/FOV 18MM

Nosepiece: Quadruple

Objectives: Parafoal Achromatic, 4x, 10x, 40x SLand 100x SL
Oil immersion.

Specimen Stage: Horizontal Mechanical of size
120 X 125mm min.

Focussing: Separate coarse and fine motion

Condenser: Moveable Abbe N.A. 1.25 with iris aperture diaphragm
& filter slot

Illumination: LED Light with on/off switch, light intensity
regulator and Plano concave mirror attachment suitable
for 220V, 50 Hz.AC supply.



TRINO



BINO



360°



LED



TL



ABBE



230 V



2 DAY



Head: Binocular Head 30° inclined rotatable at 360°

Viewing Angle: 45°

Observation mode: BRIGHT FIELD

Dioptric adjustment: Yes, on left tube ± 5

Eye Piece/FOV: EWF 10x (18mm Paired), Extra Wide Field EyePiece {Hard Coated} along with high quality condenser lens for better results for all magnifications.

Nosepiece: Quadruple

Objectives: Semi-Plan Achromatic objectives, 4x, 10x, 40x and 100x Oil immersion.

Specimen Stage: Double layered mechanical stage with low positioned coaxial knobs.

Focussing: Co-axial Focussing system

Condenser: Moveable Abbe N.A. 1.25 with iris aperture diaphragm & filter slot

Illumination: Bright LED Light 3V/12w with Solid state power supply circuitry



BM-9TR



TRINO



BINO



360°



LED



TL



ABBE



230 V



2 DAY

STUDENT MICROSCOPE

New BM-8bi

ALAMICRO®

Body: Single mold sturdy stand inclined Binocular body

Head: Binocular Head 30° inclined rotatable at 360°, without adjusting screws with interpupillary distance of 50-75mm.

Viewing Angle: 30°

Observation mode: BRIGHT FIELD

Dioptric adjustment: Yes, on left tube ± 5

Eye Piece: Paired high quality 10X/20mm wide angle anti fungus

Nosepiece: Quadruple

Objectives: Plan Achromatic, 4x, 10x, 40x SL Oil immersion & 100x SL Oil immersion

Antifungal coated infinity and color corrected.

Well centered even if their position on turret is changed.

Specimen Stage: Ceramic Coated Rectangular mechanical stage (within main body), with specimen holder and vernier calibrations, cross travel: 120 (X) x 125 (Y) mm

Focussing: Coaxial coarse/fine focusing (located on both sides), cross roller guide, Focusing stroke: Up 2 mm/Down 13 mm, coarse: 37.7 mm per rotation, fine: 0.2 mm per rotation, minimum reading: 2 μ m

With coarse focus knob torque adjustment ring and stage vertical movement stopper

Condenser: Abbe Condenser, NA 1.25, vertically movable and centerable

Fungus-proof treatment: Antifungal paint is applied around optical system

Illumination: 3W LED Light (> 10,000 Hrs lifespan) with on/off switch, light intensity regulator with rechargeable battery system (>1hr backup)

Power Supply: Input: 100-240 VAC, 50-60 Hz

Protection: Inbuilt protective safety device which can withstand fluctuations of voltage from 140 V-280V

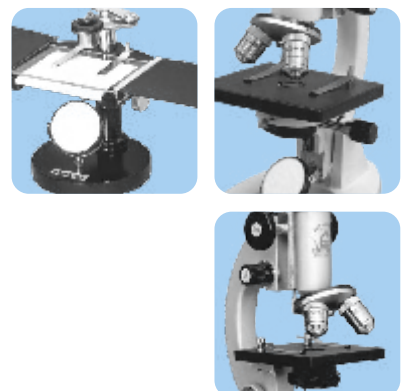
New
Launch



ULTRA SERIES 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.



ULTRA SERIES MICROSCOPE

BM-3 ultra



Head: Monocular Head 90°

Viewing Angle: 90°

Observation mode: BRIGHT FIELD

Eye Piece/FOV: Extra wide field 10x Eye-piece

Nosepiece: Triplet revolving nosepiece with click stops

Objectives: Achromatic 10x and 40x.

Specimen 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 lever mechanism."

Condenser: Abbe condenser having Numerical aperture of 1.25 with iris Diaphragm and swing out filter holder. This condenser unit incorporates high efficiency optical system for optimum utilization of light.

Illumination: Battery operated LED pin-type Lamp with on and off switch and an optional arc-reflector set for using natural light to study the slide.



ULTRA SERIES MICROSCOPE

BM-4 ultra

ALAMICRO®

Head: Monocular Head 90°

Viewing Angle: 90°

Observation mode: BRIGHT FIELD

Eye Piece/FOV: Extra wide field 10x Eye-piece

Nosepiece: Triplet revolving nosepiece with click stops

Objectives: Achromatic 10x and 40x.

Specimen 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 lever mechanism."

Condenser: Abbe condenser having Numerical aperture of 1.25 with iris Diaphragm and swing out filter holder. This condenser unit incorporates high efficiency optical system for optimum utilization of light.

Illumination: Battery operated LED pin-type Lamp with on and off switch and an optional arc-reflector set for using natural light to study the slide.



ULTRA SERIES MICROSCOPE

BM-5 ultra



Head: Monocular Head 90°

Viewing Angle: 90°

Observation mode: BRIGHT FIELD

Eye Piece/FOV: Extra wide field 10x Eye-piece

Nosepiece: Triplet revolving nosepiece with click stops

Objectives: Achromatic 10x and 40x and 100x (Oil immersion)

Specimen Stage: "Built in graduated co-axial mechanical stage having size of 135 mm x 120 mm, which is controlled two separate knobs for easy scan of slide."

Focussing: By vertical movement of the Observation tube, with coarse adjustment using rack-pinion movement and fine motion by screw lever mechanism having graduated knob.

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

Illumination: Battery operated LED pin-type Lamp with on and off switch and an optional arc-reflector set for using natural light to study the slide.



ULTRA SERIES MICROSCOPE

BM-6mo ultra

ALAMICRO®

Head: Monocular Head 45° inclined rotatable at 360°

Viewing Angle: 45°

Observation mode: BRIGHT FIELD

Eye Piece/FOV: EWF 10x (18mm Paired)

Nosepiece: Quadruple revolving Ball Bearing Nose piece

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

Specimen Stage: Double layered mechanical stage with low positioned coaxial knobs

Focussing: Separate Coarse and Fine Focussing system

Condenser: –

Illumination: Bright LED Light with Solid state power supply circuitry



ULTRA SERIES MICROSCOPE

BM-8mo ultra

Head: Monocular Head 45° inclined rotatable at 360°

Viewing Angle: 45°

Observation mode: BRIGHT FIELD

Eye Piece/FOV: EWF 10x (18mm Paired)

Nosepiece: Quadruple revolving Ball Bearing Nose piece

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

Specimen Stage: Double layered mechanical stage with low positioned coaxial knobs

Focussing: Separate Coarse and Fine Focussing system

Condenser: –

Illumination: Bright LED Light with Solid state power supply circuitry



ULTRA SERIES MICROSCOPE

BM-6bi ultra

ALMICRO®

Head: BINOCULAR Head 45° inclined rotatable at 360°

Viewing Angle: 45°

Observation mode: BRIGHT FIELD

Dioptric adjustment: Yes, on left tube ±5

Eye Piece/FOV: EWF 10x (18mm Paired)

Nosepiece: Quadruple revolving Ball Bearing Nose piece

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

Specimen Stage: Double layered mechanical stage with low positioned coaxial knobs

Focussing: Double layered and Fine Focussing system

Condenser: -

Illumination: Bright LED Light with Solid state power supply circuitry



BM-6TR ULTRA



ULTRA SERIES MICROSCOPE

BM-8bi ultra

Ultra



BM-8TR ULTRA

Head: BINOCULAR Head 45° inclined rotatable at 360°

Viewing Angle: 45°

Observation mode: BRIGHT FIELD

Dioptric adjustment: Yes, on left tube ± 5

Eye Piece/FOV: EWF 10x (18mm Paired)

Nosepiece: Quadruple revolving Ball Bearing Nose piece

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

Specimen Stage: Double layered mechanical stage with low positioned coaxial knobs

Focussing: Co-axial Focussing system

Condenser: -

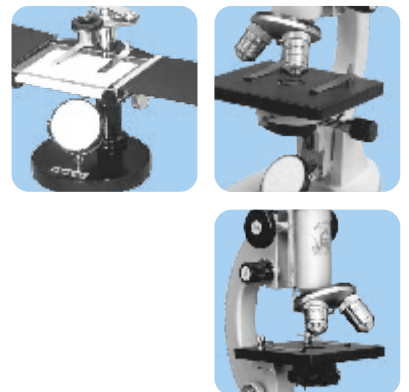
Illumination: Bright LED Light with Solid state power supply circuitry



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.



XL SERIES 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 30° inclined rotatable at 360°

Viewing Angle: 30°

Observation mode: BRIGHT FIELD

Dioptric adjustment: Yes, on left tube ±5

Eye Piece/FOV: Wide Field Eyepiece WF 10X/18mm

Nosepiece: Reverse Quadruple Nosepiece (inward facing)

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

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

Focussing: 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.

Condenser: N.A. 1.25 with aperture diaphragm.

Illumination: "3W LED, Brightness Adjustable, Powered by 110-240V Adapter Inbuilt Battery Backup Facility

Battery Backup: Inbuilt Battery Backup Facility



ULTRA SERIES MICROSCOPE

AXL-Trino

ALAMICRO®

Head: Trinocular Head 30° inclined rotatable at 360°

Viewing Angle: 30°

Observation mode: BRIGHT FIELD

Dioptric adjustment: Yes, on left tube ±5

Eye Piece/FOV: Wide Field Eyepiece WF 10X/18mm

Nosepiece: Reverse Quadruple Nosepiece (inward facing)

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

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

Focussing: 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.

Condenser: N.A. 1.25 with aperture diaphragm.

Illumination: "3W LED, Brightness Adjustable, Powered by 110-240V
Adapter Inbuilt Battery Backup Facility

Battery Backup: Inbuilt Battery Backup Facility



XL SERIES 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 30° inclined rotatable at 360°

Viewing Angle: 30°

Observation mode: BRIGHT FIELD

Dioptric adjustment: Yes, on left tube ±5

Eye Piece/FOV: Wide Field Eyepiece WF 10X/20mm

Nosepiece: Reverse Quadruple Nosepiece (inward facing)

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

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

Focussing: 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.

Condenser: N.A. 1.25 with aperture diaphragm.

Illumination: "3W LED, Brightness Adjustable, Powered by 110-240V Adapter Inbuilt Battery Backup Facility

Battery Backup: OPTIONAL



ULTRA SERIES MICROSCOPE

FXL-Trino

ALAMICRO®

Head: Trinocular Head 30° inclined rotatable at 360°

Viewing Angle: 30°

Observation mode: BRIGHT FIELD

Dioptric adjustment: Yes, on left tube ± 5

Eye Piece/FOV: Wide Field Eyepiece WF 10X/20mm

Nosepiece: Reverse Quadruple Nosepiece (inward facing)

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

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

Focussing: 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.

Condenser: N.A. 1.25 with aperture diaphragm.

Illumination: 3W LED, Brightness Adjustable, Powered by 110-240V
Adapter Inbuilt Battery Backup Facility

Battery Backup: OPTIONAL



XL SERIES MICROSCOPE VXL-Bino

Head: Binocular Head 30° inclined rotatable at 360°

Optical System: Finite Optical System

Viewing Angle: 30°

Observation mode: BRIGHT FIELD

Dioptric adjustment: Yes, on both tube ±5

Eye Piece/FOV: PL 10X/22mm High Eyepoint Eyepiece,

Nosepiece: Backward Quintuple or Quadruple

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

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

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

Condenser: Height Adjustable Abbe Condenser Set

Illumination: 3W LED Lamp with Kohler Illumination System

Battery Backup: OPTIONAL



ULTRA SERIES MICROSCOPE

VXL-Trino

ALAMCRO®

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 30° inclined rotatable at 360°

Optical System: Finite Optical System

Viewing Angle: 30°

Observation mode: BRIGHT FIELD

Dioptric adjustment: Yes, on both tube ±5

Eye Piece/FOV: PL 10X/22mm High Eyepoint Eyepiece,

Nosepiece: Backward Quintuple or Quadruple

Objectives: 45mm DIN Infinity Corrected Plan4X, 10X, 40X(S), 100X(S,Oil)

Specimen Stage: 220X148mm X-axis Low

Hand Position Double

Mechanical Stage (steel wire transmission),

76X50mm, Precision 0.1 mm, Damped

Double Slide Clamp

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

Condenser: Height Adjustable Abbe Condenser Set

Illumination: 3W LED Lamp with Kohler Illumination System

Battery Backup: OPTIONAL



TRINO



360°



LED



TL



ABBE



INFINITY



230 V



2 DAY

XL SERIES 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.

Head: Trinocular Head 30° inclined rotatable at 360°

Optical System: Universal Infinite optical system

Viewing Angle: 30°

Observation mode: BRIGHT FIELD

Dioptric adjustment: Yes, on both tube ±5

Eye Piece/FOV: WF 10X/Super wide field 23mm

Nosepiece: Quintuple nosepiece with slots for POL / DIC

Objectives: Color corrected plan achromatic optics 4x,10x,20x,40x & 100x oil immersion"

Specimen Stage: Double Layer, Rackless Ceramic Hard Coated, Stage Lock, Double Slide Holder

Focussing: 3/2 step focusing

Condenser: Swing-out abbe, universal Five/Six position

Filters: Built-in ND Filters

Illumination: S-LED, Koehler illumination, LED intensity Controller

Battery Backup: OPTIONAL



XL SERIES MICROSCOPE

EXL

Head: Trinocular Head 30° inclined rotatable at 360°

Optical System: Infinity color corrected optical system

Viewing Angle: 30°

Observation mode: BRIGHT FIELD

Dioptric adjustment: Yes, on left tube ±5

Eye Piece/FOV: "Wide field plan eyepiece PL10X/22mm, with reticle or grid plate, diopter adjustable."

Nosepiece: Quintuple nosepiece (Brightness memory)

Objectives: Infinity plan achromatic objective 4X, 10X, 40X, 60X, 100X

Specimen Stage: Double layers mechanical ceramic paint stage, precision: 0.1mm [X-axis rackless]; Clips for double sliders, moving range 78mm×51mm

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

Condenser: "N.A.1.25 Koehler illuminator condenser (with socket for phase contrast and dark field accessories) with aperture diaphragm."

Filters: Built-in ND Filters

Illumination: 3W LED with continuous intensity control.

Battery Backup: OPTIONAL



ECO duration, lighting brightness, objective magnification, and color temperature are displayed on the working screen.



Long press the dimming hand wheel to adjust the color temperature interface 3000K-7000K.



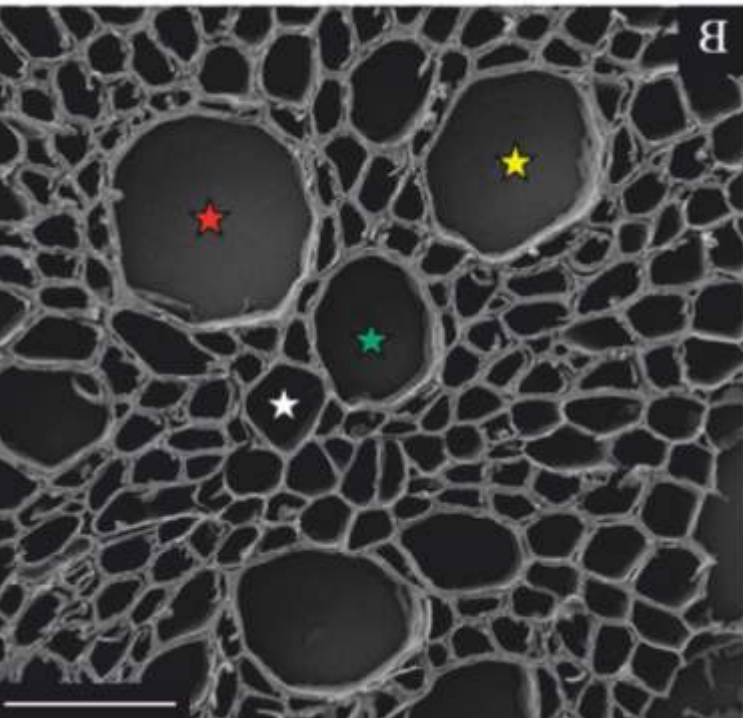
Short press the dimmer hand wheel to enter ECO mode. You can set the ECO duration.



In standby mode, "Coffee cup" will appear one minute ahead of time to remind you of standby state.



USB port for Mobile Connectivity



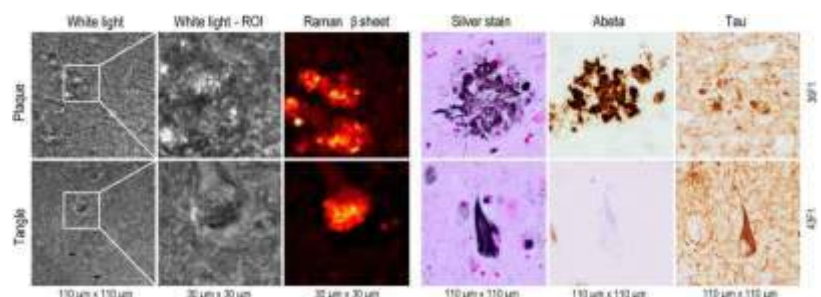
CPM-10

Forensic Comparison Microscope were developed about four decades ago in consultation with the leading Scientists and Criminologists of world repute, thereafter The instruments are being continually updated. Comparison Microscope are the most advanced & versatile instruments invented for comparative Micro study in Forensic Science, geology, Metallurgy, Mineralogy, Crystallography and Chemical Microscopy.

By means of this sophisticated instrument, two micro samples can be studied under one Eye. It combines the latest opto - mechanical developments in light microscopy.

This instrument consist of two microscopes & their split images can be viewed simultaneously, with the image from one being on the left side & the other image on the right side.

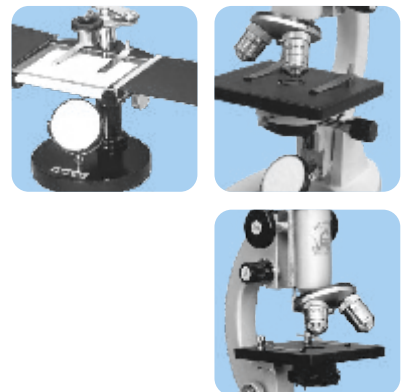
Heavy Incident Light with Objective 4x, 10x, 20x, 40x. Eyepiece WX 10x Pair Magnification 20x to 400x & Transmitted light.



FLUORESCENCE 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.



Optical Systems: Plan achromatic optics, antifungal & antireflection Coated

Magnification: 4x, 10x, 40x, 100x (40x to 100x), (60x and 80x optional)

Observation Head: Sidetoph Trinocula/Binocular head inclined at 30 deg., Swivelling 360 deg. rotatable. with Interpupillary distance of 48-75mm. Three Way trinocular tube with simultaneous view on camera and eye piece.

Nose-Piece: Quadruple Nose Piece.

Eyepiece: Wide Field 10x eye-piece with 25mm/25mm F.O.V (Anti-Fungal) with rubber eyecups.

Mechanical Stage: 210mm X 140mm and X/Y travel range 90mm x 70mm with upper limit stopper, hard ceramic surface dual slide holder.

Division: 0.1m Low drive right side movement

Objective:

- Plan-achromat/Hi PLAN/ 4X NA 0.10
- Plan-achromat/Hi PLAN/ 10X NA 0.25
- Plan-achromat/Hi PLAN/ 40X NA 0.65
- Plan-achromat/Hi PLAN/ 100X NA 1.3

Condenser: Swing out condenser/Universal condenser for adaptation of switchable condenser heads, NA 0.90 suitable for bright field, phase contrast, and fluorescent. Iris diaphragm with frosted white filter, antifungal & anti-reflection coated. Rack and pinion movements on stainless steel guides

Focussing Control: Two step Co-axial coarse and fine focussing on both sides, gear systems for smooth operation. Fine Adjustment

Transmitted illumination: 10W LED illumination, variable control, Up to 60,000 hours of LED life. Universal input 110V-240V AC, 50/60Hz (with battery backup-optional)

Filters: Single Immuno Fluorescence.

Fluorescent illumination: Fluorescence imaging function: LED base illumination with LED Light(s) time of 60,000 hours with intensity controller.



FLUORESCENCE MICROSCOPE

AFM-100

ALAMICRO®

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

Viewing Angle: 30°

Observation mode: BRIGHTFIELD/FLUORESCENCE

Dioptric adjustment: Yes, on both tube ±5

Eye Piece/FOV: High point, Extra wide field eyepiece EW10X/20mm

Nosepiece: Inverse Quadruple Nosepiece

Objectives: Long working distance Infinite Plan Achromatic objective

4x , 10x, 40x SL & 100 SL (Oil Immersion)

Specimen Stage: Double layer mechanical

(Size:140mmX 140mm, Move range: 75mmX50mm)

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

Condenser: N.A. L25 rack and Pinion Adjustable

Excitation Filters:

B Excitation (400-490nm) standard

G Excitation (510-550nm) standard

EPI- Fluorescence Illumination:

100W Mercury lamp house, filament centre and focus adjustable with reflected mirror, centre and focus adjustable, Enable selecting monochromatic or dichromatic LED for light source.

Illumination: Transmitted 3V high brightness white LED, adjustable brightness.

Battery Backup: OPTIONAL



FLUORESCENCE MICROSCOPE AFM-200

Head: Binocular/Trinocular Head Inclined at 45° rotatable at 360°, Interpupillary Distance : 55-75 mm

Viewing Angle: 30°

Observation mode: BRIGHTFIELD/FLUORESCENCE

Dioptric adjustment: Yes, on ocular tube

Eye Piece/FOV: WF-10x (paired), F.O.V. 18mm

Nosepiece: Quaduple Revolving Turret Nosepiece With Positive Click Stops

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

Specimen Stage: Size 170mm X 140mm with Stage Clips

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

Condenser: NA 1.25

Excitation Filters: B & G

EPI- Fluorescence Illumination: NA

Illumination: 12V/50W incident lamp with variable light control arrangement

Accessories: Dust cover, blue filter, operating manual, dust cover, guarantee card, styrofoam molded pack



FLUORESCENCE MICROSCOPE

AFM-400

ALAMICRO®

Head: Siedentopf Trinocular Head Inclined at 30° rotatable at 360° ,
Interpupillary Distance : 55-75 mm

Viewing Angle: 30°

Observation mode: BRIGHTFIELD/FLUORESCENCE

Dioptric adjustment: Yes, on ocular tube

Eye Piece/FOV: Extra wide field eyepiece 10X (paired) ,
F.O.V. 22mm

Nosepiece: Reverse Angle Quintuple Nosepiece on
ball bearing.

Objectives: Spherochromatic Aberration Infinity
Fluorescence Objectives-Fluor Plan 4x, Fluor Plan 10x,
Fluor Plan 40x, Fluor Plan 100x

Specimen Stage: "Double Layer mechanical stage is
210mmX140mm, Move range: 75mmX50mm and
hasco-axial low positioned controls"

Focussing: Co-axial focusing system provided
PRE-FOCUSING LEVER & TENSION ADJUSTMENT RING
is available on right & left side respectively

Condenser: N.A. 1.25 rack and Pinion Adjustable

Excitation Filters:

"B Excitation (460nm-470nm) standard.

G Excitation (520nm-530nm) standard.

V Excitation (390nm-400nm) standard.

UV Excitation (360nm-370nm) standard"

EPI- Fluorescence Illumination:

100W Mercury lamp house, filament centre and focus adjustable
with reflected mirror, centre and focus adjustable, Enable
selecting monochromatic or dichromatic LED for light source.

Illumination: 3V high brightness white LED, adjustable brightness.

Accessories: Fuse tube, power cord, instruction manual, dust cover,
power supply for LED lamp, blue filter and styrofoam molded pack.

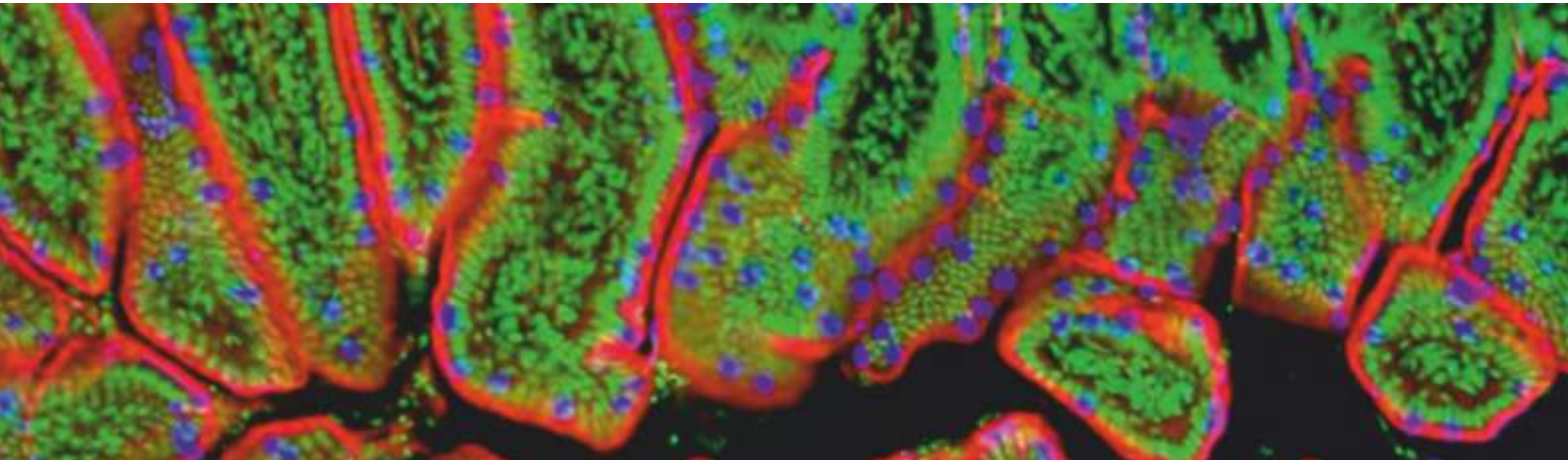


AFM-400 is a dedicated Epi-Fluorescence microscope most suitable for beginners with affordable priced.

Incorporating Infinity corrected optical system and employing plan objectives lenses as standard of image clarity and flatness in a wide range of observation methods Siedentopf observation head, double-plate stage, inward nosepiece reduces fatigue during long observations.

Upgradable with phase contrast, simple polarizing, Dark field observations with Digital Photomicrography.





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.



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.

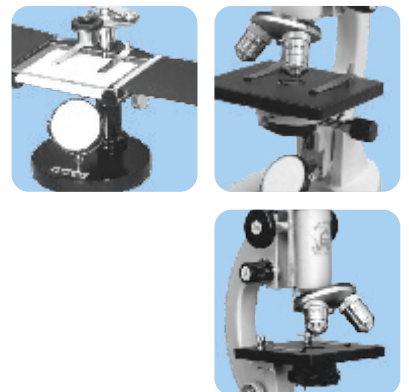
It comprises suitable immersion type dark field condenser with centering screws N.A. 1.20-1.33 & Achromatic objective 100x (SL) oil immersion with iris diaphragm for use dark field as well as on bright field.



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



Head: Binocular/Trinocular Head Inclined at 45° rotatable at 360°, Interpupillary Distance : 55-75 mm

Viewing Angle: 30°

Observation mode: BRIGHTFIELD/FLUORESCENCE

Dioptric adjustment: Yes, on ocular tube

Eye Piece/FOV: WF-10x (paired), F.O.V. 18mm

Nosepiece: Quaduple Revolving Turret Nosepiece With Positive Click Stops

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

Specimen Stage: Size 170mm X 140mm with Stage Clips

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

Condenser: NA 1.25

Excitation Filters: NA

EPI- Fluorescence Illumination: NA

Illumination: 12V/50W incident lamp with variable light control arrangement

Accessories: Dust cover, blue filter, operating manual, dust cover, guarantee card, styrofoam molded pack



TM-8A



INVERTED TISSUE CULTURE TM-9

ALAMICRO®

- > 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

Head: Compensation free Trinocular Head inclined at 30°

Interpupillary Distance : 48-75 mm"

Viewing Angle: 30°

Observation mode: BRIGHTFIELD/PHASE CONTRAST/INVERTED

Dioptric adjustment: Yes, on ocular tube

Eye Piece/FOV: High point, Extra widefield eyepiece EW10X/22mm

Nosepiece: Reverse Quintuple Nosepiece, smooth and jerk free revolving action

Objectives: "Long working distance Infinite Plan Phase Achromatic 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"

Specimen Stage: 160×250mm inserted plate Stage strengthen plate: 70×180mm

Focussing: Coaxial coarse and fine adjustment, vertical objectives movement.

Coarse stroke: 37.7mm per rotation. Fine stroke: 0.2mm per rotation

Condenser: Ultra-long working distance condenser, aperture number
0.3 working distance: 72mm

Illumination: LED

Accessories: Dust cover, blue filter, operating manual, dust cover, guarantee card,
styrofoam molded pack



TRINO



LED



TL



ABBE



230 V

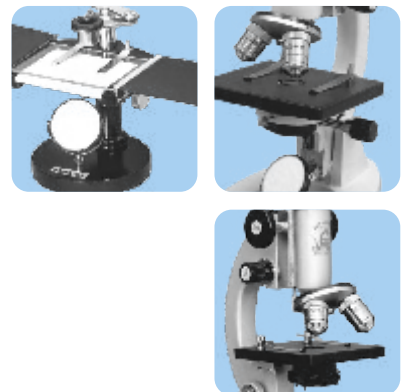
- > Inverted Biological Microscope, high quality inverted biological microscope, trinocular, phase -contrast, Fluorescent, ideal for lab.
- > With Infinite optical system, providing excellent optical quality and making image perfect.
- > Creative body structure, sharp specimen image, convenient operation, specially designed for cell culture observing.
- > Long working distance and Infinite Plan Objective(10x, 40x), make visual field of specimen matter, brighter, better contrast, and even more easy to observe the living cell's state.
- > Standard Phase Contrast Annular Spot, centre adjustable, enable observe low contrast or transparent specimen to.
- > Inverted Fluor. microscope with infinity corrected optical system, Parfocality, built in Koehler illumination, designed and suitable for bright field applications, Phase contrast and Fluorescence applications for routine Tissue Culture applications.
- > Main body with EPI-FL attachment, integrated diascope fixed illuminator pillar, built-in diascope LED Trans- illumination, fluorescence cube turret, quintuple nosepiece, ELWD condenser, phase slider and attachments, other essential accessories.
- 1) 10X eyepiece with diopter adjustment, mechanical stage 126x78 mm approx.
- 2) Universal holder and inserts for slides, 35 and 50 mm dish, separate camera port.
- 3) Fluorescence LED illuminations for 385 nm, 455 nm, 470nm.
- 4) 0-100, 50-50-100-0 splitting.
- > Fluorescence observation cubes: 1) Ex 390/38, diachroic 420nm, Barrier 475/90, 2) Ex 448/23, diachroic 465nm, Barrier 472, 3) Ex 470/40, diachroic 500nm, Barrier 534/55
- > **Objectives:**
- 1) Achromat 4X/0.10 WD 30mm,
- 2) Fluorite 10X/0.30 WD 15 mm, PH1
- 3) Fluorite 20X/0.45 WD 8.2 to 6.9 mm, PH1
- 4) Fluorite 40X/0.60 WD 3.6 to 2.8mm, PH2. Cover glass correction 0 to 2 mm.
- 5) Additional supply: 1.5 KVA voltage stabilizer- 1no, 6) Attach technical iteration, picture, specification sheet of quoted model.



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.



STEREO ZOOM MICROSCOPE

DSZ-22

Head: Binocular

Viewing Angle: 90°

interpupillary Adjustment: Yes

Dioptric adjustment: No

Eye Piece/FOV: "wide-field eyepieces WF 10x or WF 15x (paired)"

Objectives: Fixed Achromatic Objectives 2x or 3x

Magnification:

Working distance:

Stand:

Zoom Ratio:

Illumination: Trans illumination base as optional



BINO



2 DAY

STEREO ZOOM MICROSCOPE

DSZ-50

ALAMICRO®

Head: Binocular

Viewing Angle: 45°

interpupillary Adjustment: 48-75mm

Dioptric adjustment: No

Eye Piece/FOV: Paired, WF 10X, FOV-18mm

Objectives: 2x/4x or 1x/3x

Magnification: 20x/40x or 10x/30x

Working distance: Plain focusing, lifting upto 50mm

Stand:

Zoom Ratio:

Illumination: Illumination Transmit & Reflected



STEREO ZOOM MICROSCOPE DSZ-77

Head: Binocular Head Inclined at 45°, 360° rotatable

Viewing Angle: 45°

Interpupillary Adjustment: 55-75mm

Dioptric adjustment: Yes

Eye Piece/FOV: WF 10X/FOV20mm

Objectives: 1x

Magnification: 7x to 45x

Working distance: 110MM

Stand: Pole Stand

Zoom Ratio: Zoom ration 6:4:1, Zooming range 0.7x to 4.5x

Illumination: Dual Light Illumination Transmit & Reflected 6V/15W
LED ring light Optional



STEREO ZOOM MICROSCOPE

DSZ-88

ALAMICRO®

Trinocular Zoom Stereo Microscope adopts streamline DSZ-88 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.

Head: Trinocular Head Inclined at 45°, 360° rotatable

Viewing Angle: 45°

Interpupillary Adjustment: 55-75mm

Dioptric adjustment: Yes

Eye Piece/FOV: WF 10X/FOV20mm

Objectives: 1x

Magnification: 7x to 45x

Working distance: 110MM

Stand: Pole Stand

Zoom Ratio: Zoom ration 6:4:1, Zooming range 0.7x to 4.5x

Illumination: Illumination Transmit & Reflected 6V/15W



TRINO



IL



HAL



ZOOM



230 V



2 DAY



BOTANY



ZOOLOGY



ELECTRONICS



ARCHEOLOGY



WATCH INDUSTRY



GEM INDUSTRY

STEREO ZOOM MICROSCOPE DSZ-99

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 35°, rotated at 60°, adjustable Interpupillary distance (55-75mm), the left and right tubes have diopter adjustment.

Eyepiece: WFIOX Paired FOV 23

Viewing angle: 35° Interpupillary Adjustment 55-75mm

Objective: Zoom ratio 8:1,
zooming range 6.3x-50x Magnification range
without interchangeable optics

Main Body Stand:

Vertical Post: 240mm Diameter: 32mm

Gooseneck LED Illumination with an independent control

Input Power: 110V~240v

With 95mm B/W Plastic & Perspex Plate and Paired Clips

Base Size: 205x275x40mm

With A1 Focusing Mount

Top and bottom illumination:

LED Double Spot - Gooseneck arms

LED illuminator housing with push button for
operation modes and: rotary button for
continuous intensity adjustment.



BOTANY



ZOOLOGY



ELECTRONICS



ARCHEOLOGY



WATCH INDUSTRY

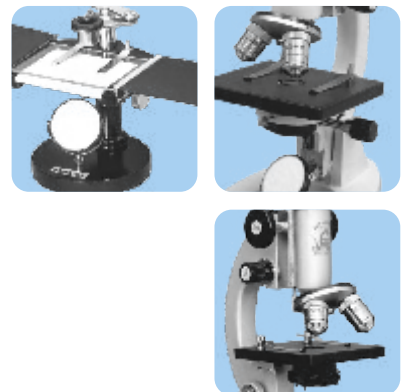


GEM INDUSTRY

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.



POLARIZING MICROSCOPE PM-9

Observation mode: Monocular

Bertrand lens and polarizing attachment:

Head:

Interpupillary distance:

Dioptric adjustment:

Eye Piece: 5x(cross), 10x(ocular) & 15x(optional)

Nose Piece:

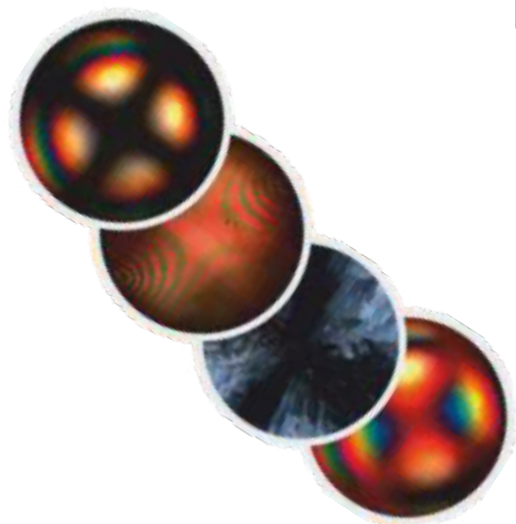
Objectives: P5x, P10x, P40x/45x

Specimen Stage: Full wave compensator Ball Bearing mounted, rotatable stage divided 0-360° with vernier

Focusing:

Condenser: Adjustable condensor N.A. 1.25

Illumination: Plano-concave reflector replaceable by sub-stage L.E.D. Lamp(optional)



POLARIZING MICROSCOPE

PM-10

ALAMICRO®

Observation mode: Monocular head replaceable with Bertrand lens,
Sliding Analyzer 1/2 & 1/4 wave compensator

Bertrand lens and polarizing attachment:

Head:

Interpupillary distance:

Dioptric adjustment:

Eye Piece: Paired eye piece 5x(cross), 10x(ocular), 15x (optional).

Nose Piece:

Objectives: P5x, P10x, P40x/45x

Specimen Stage: Rotatable stage divided into 0-360°
with vernier

Focusing: Co-axial

Condenser: Adjustable condensor N.A. 1.25

Illumination: Built in light arrangement with 6V/20W
halogen lamp



POLARIZING MICROSCOPE PM-11

Observation mode: Binocular head replaceable with Monocular and Trinocular head

Bertrand lens and polarizing attachment:

Bertrand lens, Sliding Analyzer 1/2 & 1/4 wave compensator.

Head:

Interpupillary distance:

Dioptric adjustment:

Eye Piece: Paired eye piece 5x(cross), 10x(ocular), 15x (optional).

Nose Piece:

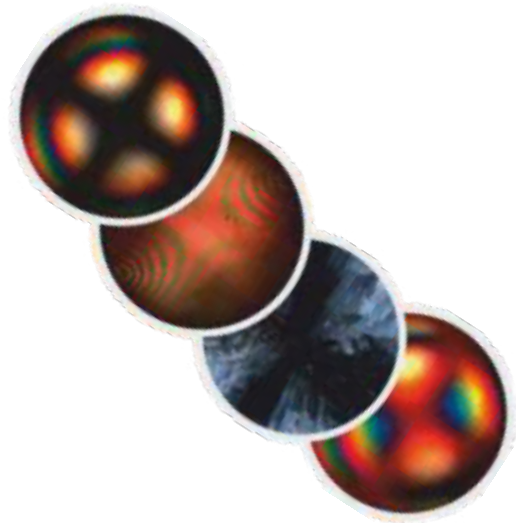
Objectives: P5x, P10x, P40x/45x

Specimen Stage: Rotatable stage divided into 0-360° with vernier

Focusing: Co-axial

Condenser: Adjustable condensor N.A. 1.25

Illumination: Built in light arrangement with 6V/20W halogen lamp



POLARIZING MICROSCOPE

PM-12

ALAMICRO®

Observation mode: Binocular head replaceable with Monocular and Trinocular head

Bertrand lens and polarizing attachment:

Bertrand lens, Sliding Analyzer 1/2 & 1/4 wave compensator.

Head:

Interpupillary distance:

Dioptric adjustment:

Eye Piece: Paired eye piece 5x(cross), 10x(ocular), 15x (optional).

Nose Piece:

Objectives: P5x, P10x, P40x/45x

Specimen Stage: Rotatable stage divided into 0-360° with vernier

Focusing: Co-axial

Condenser: Adjustable condensor N.A. 1.25

Illumination: Built in light arrangement with 6V/20W halogen lamp



POLARIZING MICROSCOPE OR-01

Observation mode: Binocular head replaceable with Monocular and Trinocular head

Bertrand lens and polarizing attachment:

Bertrand lens, Sliding Analyzer 1/2 & 1/4 wave compensator.

Head:

Interpupillary distance:

Dioptric adjustment:

Eye Piece: Paired eye piece 5x(cross), 10x(ocular), 15x (optional).

Nose Piece:

Objectives: P5x, P10x, P40x/45x

Specimen Stage: Rotatable stage divided into 0-360° with vernier

Focusing: Co-axial

Condenser: Adjustable condensor N.A. 1.25

Illumination: Both Incident & Transmitted lights are provided



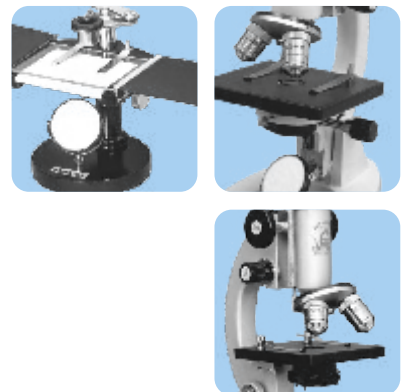
OR-02 with
Trinocular Head



MULTIHEAD 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.



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

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



PENTA HEAD MICROSCOPE

X-555+

ALAMICRO®

Observation Head

- > Trinocular observation head inclined at 30° rotatable at 360° (One set)
- > Vertical phototube for micro photography.
- > Binocular observation heads inclined at 30° fixed on adjustable stands. (Four Sets).

Eyepiece

Wide field Eyepiece 10X (paired) F.O.V. 22mm.

Sub Stage Condenser

Swing out top lens. Condenser N.A 0.9/1.25 with swing out filter holder. it includes Iris diaphragm.

Pointer

Color LED pointer, brightness adjuster

Mechanical Body

- > Co-axial focusing control with large knob, Pre focusing lever & tension adjustment ring.
- > Reverse angle sextuple nosepiece revolving on ball bearings.
- > Mechanical stage size 185mmX142mm & having low positioned co-axial controls on ball bearing guide ways.

Objectives (Infinite Corrected) Anti Mold & Anti fungus coated

CCIS Plan Achromatic 4X
CCIS Plan Achromatic 10X
CCIS Plan Achromatic 20X
CCIS Plan Achromatic 40X (S L)
CCIS Plan Achromatic 100X (S L) Oil

Illumination System

Koehler's illumination system with 12V-100W halogen lamp and adjustable brightness.

Standard Accessories

Blue & grey filters, halogen bulb 12V/100W, operating manual, dust cover, guarantee card, Styrofoam boxes.



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/1 00W, Brightness Adjustable
- > LED Cursor Pointer, Brightness Adjustable

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



DECA HEAD MICROSCOPE

X-10+

ALAMICRO®

Trinocular & Binocular Observation Head

- > Siedentopf observation head inclined at 30° and rotatable at 360°. (One Set)
- > Binocular observation heads, inclined at 30 fixed on adjustable stand (Nine sets).
- > Vertical Focusable Phototube for photomicrography.
- > Diopter adjustment ring on ocular tube. (± 5)
- > Interpupillary distance from 47mm to 78mm.
- > Optional tilting observation head. Angle 5°-35°

Eyepiece

Extra wide field 10X (paired).
F.O.V. 25mm and Ocular dia 30mm

Sub Stage Condenser

Swing out front lens, abbe condenser N.A. 0.9/1.25,
filter holder and iris diaphragm.

Mechanical Body

- > Co-axial focusing control with large knob, PRE-FOCUSING LEVER & TENSION ADJUSTMENT RING.
- > Reverse angle sextuple nosepiece with slot for polarizer.
- > Mechanical stage size 187mm x 167mm & having low positioned co-axil controls on ball bearing guide ways capacity to hold two glass slides at a time.
- > Fine div 0.001mm, coarse stroke 35mm per rotation, Fine stroke 0.1mm/rotation.
- > Moving range 78mm x 54mm per rotation. Upper limit stopper.
- > Hard coated mechanical stage surface.

Objectives (Infinite Corrected) Anti Mold & Anti fungus coated

Plan Achromatic 4X(N.A.0.1W.D 30mm)
Plan Achromatic 10X(N.A.0.25W.D 20.1mm)
Plan Achromatic 20X(N.A.0.4W.D 6.4mm)
Plan Achromatic 40X(N.A.0.65W.D 0.7mm)
Plan Achromatic 100X (oil)(N.A.1.25W.D 0.25mm)

Illumination System

Kohler illumination system with 12V/100W Halogen Bulb /3W LED external illuminator. Iris diaphragm on collector lens.
Aspherical collectors. Brightness control knob.

Standard Accessories

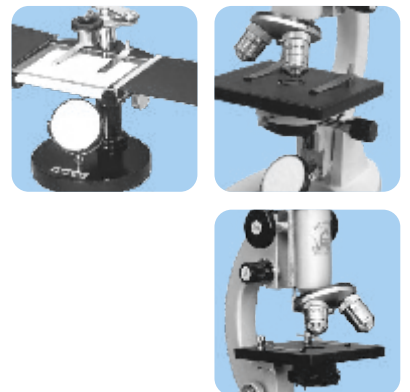
12V/100W Halogen Bulb /3W LED bulb, dust cover, guarantee card, blue filter, Operating manual and Styrofoam molded pack.
B/G LED pointer Focusable with light intensity control, Blue & Green.



DIGITAL 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

ALAMICRO®

Research Microscope with 7" LED Display

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

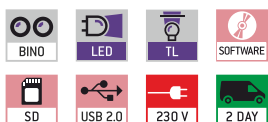
DISPLAY SPECIFICATIONS

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

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

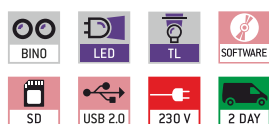
DISPLAY SPECIFICATIONS

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.



DIGITAL VIDEO MICROSCOPE

DVM-02

ALAMICRO®

Research Microscope with 9" LED Display

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

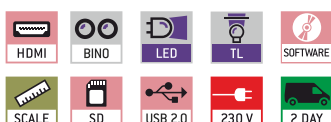
BANDING SOFTWARE: Build-in Microscopy Software (Measuring and Particle Analysis)

POWER: DC5V Power

Os: 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+

Research Microscope with 9" LED Display

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

Eyeiece (ocular): Wide Field Eyeiece 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: Eyeiece 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: 640x480 30f/s

S/N Ration: 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

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

POWER: DC5V Power

OS: Android 4.2.2

OUTPUT: HDMI Output, SD Card Support, Bluetooth

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



DIGITAL VIDEO MICROSCOPE

DVM-03

ALAMICRO®

Research Microscope with 9" LED Display

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: 2.75µm x 2.75µm

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

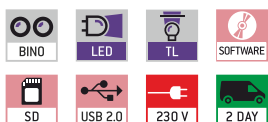
RAM: 1GB DDR3 RAM

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+



Research Microscope with 9" LED Display

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

ALAMICRO®

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

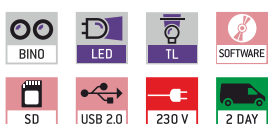
Software Features

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



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



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

ALAMICRO®

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.



STUDENT PROJECTION MICROSCOPE

KW-700C



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.

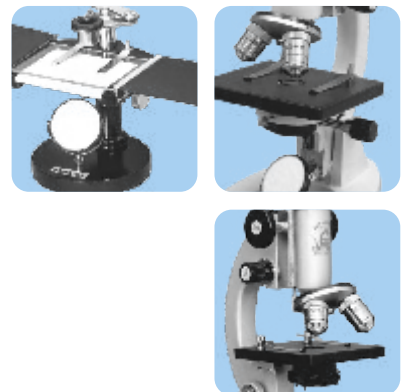
Objectives: Achromatic 4x, 10x & 40x

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

METALLURGICAL MICROSCOPES



Almicro 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 Almicro Instruments for superior metallurgical microscopes that deliver exceptional performance and contribute to your success in the field.



METALLURGICAL MICROSCOPE

MM-2

ALMICRO 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 :

Observation mode: Monocular observation tube inclined at 45°

Epi-illumination and polarizing filters:

Head:

Interpupillary distance:

Dioptric adjustment:

Eye Piece: WF10X and H15X

Nose Piece: Quadruple revolving nose piece.

Objectives: M10X and M45X (SL)

Specimen Stage: Special graduated mechanical stage for easy study of the samples

Focusing:

Condenser:

Transmitted illumination (Fixed Koehler type):

Bright field horizontal illuminator with centering provision, field and aperture diaphragm, and slots for dropping filter."

Filters:



METALLURGICAL MICROSCOPE

Binocular MM-3

ALAMICRO®

Observation mode: Binocular Head having Hard Coated Prisms

Epi-illumination and polarizing filters:

Head:

Interpupillary distance:

Dioptric adjustment:

Eye Piece: WF10x (paired)

Nose Piece: Quadruple revolving nose piece.

Objectives: 10x, 45x, Optional objectives : 5x, 100x

Specimen Stage: Special graduated mechanical stage for easy study of the samples

Focusing:

Condenser:

Transmitted illumination (Fixed Koehler type):

Bright Field horizontal illuminator with centering provision

Filters:



METALLURGICAL MICROSCOPE

Binocular MM-4

Observation mode: Trinocular Head having Hard coated prisms

Epi-illumination and polarizing filters:

Head:

Interpupillary distance:

Dioptric adjustment:

Eye Piece: "Wide Field Eye Piece(Hard Coated)for better results for all magnifications."

Nose Piece: Quadruple revolving Ball Bearing Nose piece

Objectives: Semi-plan Achromtic objectives

Specimen Stage: Special graduated mechanical stage with low positioned coaxial knobs

Focusing: Double layered and Fine Focusing system

Condenser:

Filters: Green and Brown

Transmitted illumination (Fixed Koehler type):

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



METALLURGICAL MICROSCOPE

Inverted MM-5

ALAMICRO®

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.

Eye Piece: WF 10x (Paired), Optional Objectives: 100x

Magnification: 50x to 450x

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

Specimen Stage: Large sturdy stage with X-Y axis movements

Focusing: Double layered and Fine Focusing system

Condenser:

Transmitted illumination (Fixed Koehler type):

"equipped with horizontal illuminator with centering provision, field and aperture diaphragm and slots for dropping filters. Built in base, variable solid state transformer."



METALLURGICAL MICROSCOPE

Inverted 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.

Observation mode: Compensation Free Trinocular Head,
45° Inclined, 360° Rotatable,

Epi-illumination and polarizing filters:

Head:

Interpupillary distance: 54-75mm

Dioptric adjustment: Yes, Light Split 8:2

Eye Piece: "Wide Field Eye Piece(Hard Coated)for better results for all magnifications."

Nose Piece: Quadruple revolving Ball Bearing Nose piece

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)"

Specimen 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

Filters: Blue Filter, Dia. 32mm

Transmitted illumination (Fixed Koehler type):

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



METALLURGICAL MICROSCOPE

BRINELL MICROSCOPE MM-6

ALAMICRO®

Brinell Microscope features a calibrated reticle in a flat field MM-6 optical system. This Microscope makes accurate measurements of the indentations for all Brinell type hardness testers.

Our Brinell Microscope Mm-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

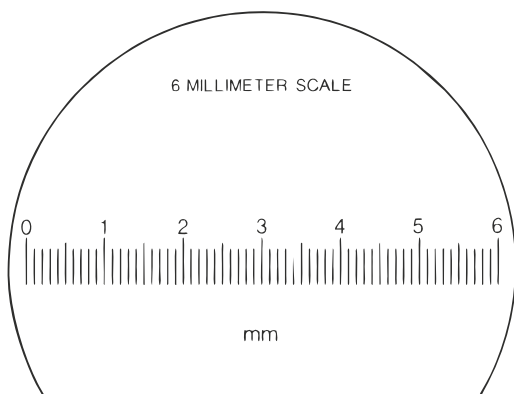
Reticle scale length: 6.0 mm

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

METALLURGICAL MICROSCOPE TOOL MAKER MICROSCOPE KW-900

Observation mode: Monocular, Inclined at 30-degrees

Epi-illumination and polarizing filters:

Head:

Interpupillary distance:

Dioptric adjustment:

Eye Piece:

Nose Piece:

Objectives:

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

Focusing:

Condenser:

Filters:

Transmitted illumination (Fixed Koehler type):

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



METALLURGICAL MICROSCOPE

Travelling Microscope VM-1

ALAMICRO®

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.



METALLURGICAL MICROSCOPE

Travelling 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

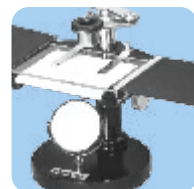
Packaging: Inner Thermocol/ Styrofoam Packing and Outer Cardboard Box.



HEATING & REFRIGERATION



We are a leading manufacturer of laboratory ovens and refrigerators, committed to delivering reliable and high-performance solutions for scientific and research applications. Our precision-engineered products, offer exceptional temperature control, uniformity, and energy efficiency. With advanced features, robust construction, and strict quality control, our laboratory ovens and refrigerators provide optimal storage and preservation conditions for critical samples, ensuring the integrity of scientific experiments and discoveries. Trust us for dependable and innovative solutions to meet your laboratory's temperature control needs.





Thermostatic Type

Standard Double wall fabrication. Inner chamber made out of richly anodized aluminium or highly polished stainless steel sheet in white powder coated finish.

The gap between the walls is filled with special grade glass wool for heat insulation. Inner chamber is ribbed for placing shelves at convenient levels.

Provided with two removable shelves.

Chamber Size (mm)	(HxWxD) (inch)	Capacity
300x300x300	12x12x12	28 ltrs.
350x350x350	14x14x14	45 ltrs.
450x450x450	18x18x18	95 ltrs.
600x600x600	24x24x24	224 ltrs.
900x900x900	36x36x36	480 ltrs.



Digital Type

Standard Double wall fabrication. Inner chamber made out of richly anodized aluminium or highly polished stainless steel sheet in white powder coated finish.

The gap between the walls is filled with special grade glass wool for heat insulation. Inner chamber is ribbed for placing shelves at convenient levels.

Provided with two removable shelves.

Chamber Size (mm)	(HxWxD) (inch)	Capacity
300x300x300	12x12x12	28 ltrs.
350x350x350	14x14x14	45 ltrs.
450x450x450	18x18x18	95 ltrs.
600x600x600	24x24x24	224 ltrs.
900x900x900	36x36x36	480 ltrs.





Universal Digital (Microprocessor Based)

The standard double wall fabrication features an inner chamber constructed from 304 highly polished stainless steel, and outer body powder coated chemical resistant mild steel. The space between the walls is filled with special-grade glass wool to ensure effective heat insulation.

The inner chamber is ribbed to accommodate shelves at convenient levels and comes with two removable shelves for flexibility.

TECHNICAL SPECIFICATIONS

Performance

Temperature Range: Ambient to 250°C

Temperature Accuracy: within $\pm 1^\circ\text{C}$

Microprocessor based PID Digital Temperature Indicator cum controller and Timer.

Construction

Body Type: Standard double wall fabrication

Inner Chamber: Made from 304 highly polished stainless steel

Exterior Finish: White powder-coated mild steel (heavy grade)

Insulation: Special-grade glass wool filled between the walls for efficient heat insulation

Inner Chamber Design: Ribbed for adjustable shelf placement

Shelves: Two removable shelves provided

Door: Double wall door with a double glass observation window

Heating System: Heating elements provided on three sides. Air circulation fan also provided for uniform heat distribution.

Safety

The equipment ensures safety with digital temperature control, overheat protection, and effective glass wool insulation to maintain low external temperatures. Feather touch buttons provided for easy operation. Operates safely on 220V AC with proper electrical and thermal safety features.



Chamber Size (mm)	(HxWxD) (inch)	Capacity (Ltrs.)
300 × 300 × 300	(12"x12"x12")	28
350 × 350 × 350	(14"x14"x14")	45
400 × 400 × 400	(16"x16"x16")	65
450 × 450 × 450	(18"x18"x18")	95
600 × 450 × 450	(24"x18"x18")	125
600 × 600 × 600	(24"x24"x24")	224
900 × 600 × 450	(36"x24"x18")	252
900 × 600 × 600	(36"x24"x24")	336
900 × 900 × 900	(36"x36"x36")	720



Thermostatic Type

The standard double wall fabrication features an inner chamber constructed from either richly anodized aluminum or highly polished stainless steel, finished in a white powder coating. The space between the walls is filled with special-grade glass wool to ensure effective heat insulation. The inner chamber is ribbed to accommodate shelves at convenient levels and comes with two removable shelves for flexibility. A double wall door with a double glass observation window allows clear visibility inside the chamber.

TECHNICAL SPECIFICATIONS

Performance

Temperature Range: 5°C to 80°C
Temperature Accuracy: within ±1°C

Construction

- Body Type:** Standard double wall fabrication
- Inner Chamber:** Made from 304 highly polished stainless steel
- Exterior Finish:** White powder-coated mild steel (heavy grade)
- Insulation:** Special-grade glass wool filled between the walls for efficient heat insulation
- Inner Chamber Design:** Ribbed for adjustable shelf placement
- Shelves:** Two removable shelves provided
- Door:** Double wall door with a double glass observation window
- Heating System:** Heating elements provided on three sides. Air circulation fan also provided for uniform heat distribution.

Safety

The equipment ensures safety with digital temperature control, overheat protection, and effective glass wool insulation to maintain low external temperatures. A double glass observation window allows safe monitoring, while pilot lamps and an On/Off switch offer clear operational status. Operates safely on 220V AC with proper electrical and thermal safety features.



Chamber Size (mm)	(HxWxD) (inch)	Capacity (Ltrs.)
300 × 300 × 300	(12"x12"x12")	28
350 × 350 × 350	(14"x14"x14")	45
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900 × 600 × 450	(36"x24"x18")	252
900 × 600 × 600	(36"x24"x24")	336
900 × 900 × 900	(36"x36"x36")	720



Digital Universal

The standard double wall fabrication features an inner chamber constructed from either richly anodized aluminum or highly polished stainless steel, finished in a white powder coating. The space between the walls is filled with special-grade glass wool to ensure effective heat insulation.

The inner chamber is ribbed to accommodate shelves at convenient levels and comes with two removable shelves for flexibility. A double wall door with a double glass observation window allows clear visibility inside the chamber.

TECHNICAL SPECIFICATIONS

Performance

Temperature Range: 5°C to 80°C

Temperature Accuracy: within $\pm 1^\circ\text{C}$

Digital Temperature Indicator cum controller

Construction

Body Type: Standard double wall fabrication

Inner Chamber: Made from 304 highly polished stainless steel

Exterior Finish: White powder-coated mild steel (heavy grade)

Insulation: Special-grade glass wool filled between the walls for efficient heat insulation

Inner Chamber Design: Ribbed for adjustable shelf placement

Shelves: Two removable shelves provided

Door: Double wall door with a double glass observation window

Heating System: Heating elements provided on three sides. Air circulation fan also provided for uniform heat distribution.

Safety

The equipment ensures safety with digital temperature control, overheat protection, and effective glass wool insulation to maintain low external temperatures. A double glass observation window allows safe monitoring, while pilot lamps and an On/Off switch offer clear operational status. Operates safely on 220V AC with proper electrical and thermal safety features.



Chamber Size (mm)	(HxWxD) (inch)	Capacity (Ltrs.)
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Microprocessor Controlled

The standard double wall fabrication features an inner chamber constructed from either richly anodized aluminum or highly polished stainless steel, finished in a white powder coating. The space between the walls is filled with special-grade glass wool to ensure effective heat insulation.

The inner chamber is ribbed to accommodate shelves at convenient levels and comes with two removable shelves for flexibility. A double wall door with a double glass observation window allows clear visibility inside the chamber.

TECHNICAL SPECIFICATIONS

Performance

Temperature Range: 5°C to 80°C
Temperature Accuracy: within ±1°C
Microprocessor based PID Digital Temperature Indicator cum controller

Construction

Body Type: Standard double wall fabrication

Inner Chamber: Made from 304 highly polished stainless steel

Exterior Finish: White powder-coated mild steel (heavy grade)

Insulation: Special-grade glass wool filled between the walls for efficient heat insulation

Inner Chamber Design: Ribbed for adjustable shelf placement

Shelves: Two removable shelves provided

Door: Double wall door with a double glass observation window

Heating System: Heating elements provided on three sides. Air circulation fan also provided for uniform heat distribution.

Safety

The equipment ensures safety with digital temperature control, overheat protection, and effective glass wool insulation to maintain low external temperatures. A double glass observation window allows safe monitoring, while pilot lamps and an On/Off switch offer clear operational status. Operates safely on 220V AC with proper electrical and thermal safety features.



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900 × 600 × 600	(36"x24"x24")	336
900 × 900 × 900	(36"x36"x36")	720



Microprocessor Controlled

Designed for low temperature incubation and routine determination of Bio- chemical oxygen Demand (B.O.D) Double wall construction.

Inner chamber made of richy anodized aluminium or highly polished stainless steel sheet with self supports for wide range of shelf spacing.

Supplied with two/ three removable perforate shelves.

Exterior made out of thick mild steel duly finished with powder coating.

Outer double wall door is provided with magnetic gasket and lock & key arrangement. Inner door made out of clear acrylic sheet allowing inspection of material in the chamber without disturbing the chamber temperature.

Door operated inner illumination has been provided. The cabinet is mounted on castor wheels.

Temperature is Controller by Microprocessor based PID Digital temperature indicator cum controller from 5°C to 50°C $\pm 1^{\circ}\text{C}$.

For lower temperature working a standard cooling unit with a sealed compressor with protective devices has been provided below the chamber for safe and efficient working.

Heating arrangement has been made within the chamber for higher temperature working.

A feather touch control panel is provided on the door for easy & user friendly operation.

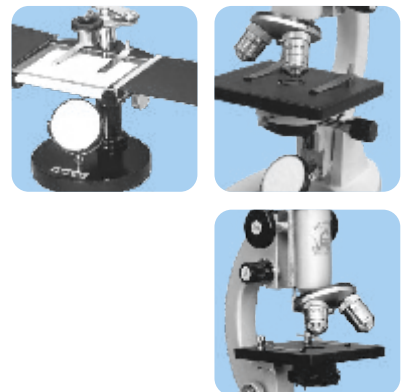
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400 × 400 × 400	(16"x16"x16")	65
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WATER BATHS & CENTRIFUGE MACHINES



Our company is a leading manufacturer dedicated to producing top-of-the-line centrifuge machines and water baths tailored to meet the specialized needs of laboratories and hospitals. With a relentless commitment to quality and innovation, we have established ourselves as a trusted name in the scientific community. Our centrifuge machines offer precise and efficient separation of substances, ensuring accurate results and enhancing research capabilities. Additionally, our water baths provide a reliable and consistent environment for temperature-sensitive experiments and medical procedures. Committed to excellence, we continuously strive to incorporate the latest advancements in technology to deliver cutting edge products that empower advancements in scientific and medical fields.





Digital/ Thermostatic

Standard double wall construction inner chamber made of stainless steel & outer of Mild steel duly power coated. The gap between the walls is filled with glass wool for temperature insulation.

Temperature range 5°C above 95°C controlled by a thermostat OR Micro Processor based PID Digital Temperature indicator cum controller.

The equipment is workable on 220V AC 50Hz single phase. Heating is attained by an immersion type element with accuracy of $\pm 1^{\circ}\text{C}$.

The baths are supplied without racks, thermometer and stirring arrangement.

SIZES

- a) 12"x10"x4"
- b) 15"x12"x7"





RECTANGULAR Digital/ Thermostatic

Standard double wall construction inner chamber made of stainless steel & outer of Mild steel duly power coated. The gap between the walls is filled with glass wool for temperature insulation.

The cover with 75mm (3") holes with concentric rings is provided. Temperature range 5°C above 95°C controlled by a thermostat OR Microprocessor based PID Digital Temperature indicator cum controller.

The equipment is workable on 220V AC - 50Hz single phase. Heating is attained by an immersion type element with accuracy of $\pm 1^{\circ}\text{C}$.

AVAILABLE SIZES

- a) 6 Holes
- b) 12 Holes



Handi Type KW-50A

Capacity: 4x15ml, 6x15ml, 8x15ml(Swing Out Head)

Mains Input : 220v, 50HzMax.

Speed : Upto 3500 RPM

Max. R.C.F. : 1750 x g

W x D x H: 300 x 300 x 245mm

Weight: 4.0 Kg. Net

Motor: Universal (AC/ DC Carbon Brush type)

Packing: Nicely Packed in Thermocoal & Cardboard box to prevent damage

Available in 4,6,8 Tubes of 15ml size



Doctor Model KW-60

Capacity: 4x15ml, 6x15ml, 8x15ml(Swing Out Head)

Mains Input : 220v,50Hz

Max. Speed : Upto 3500 RPM

Max. R.C.F. : 1750 x g

Timer: 0 - 30 min.

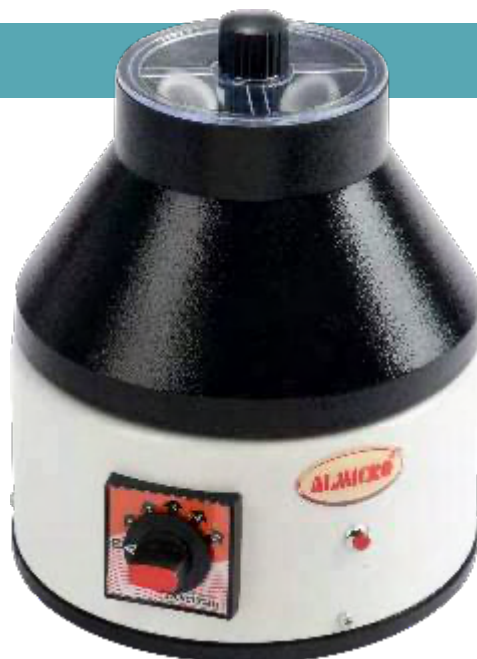
W x D x H : 300 x 300 x 245mm

Weight: 4.0 Kg. Net

Motor: Universal (AC/DC Carbon Brush type)

Packing: Nicely Packed in Thermocoal & Cardboard box to prevent damage

Optional: Micro tubes heads available at extra price





DIGITAL/ANALOG KW-80/80A

The best model for clinical, Pathological, Biochemistry and pharmacy/pharmaceutical Labs and to separate blood serum

SPECIFICATIONS

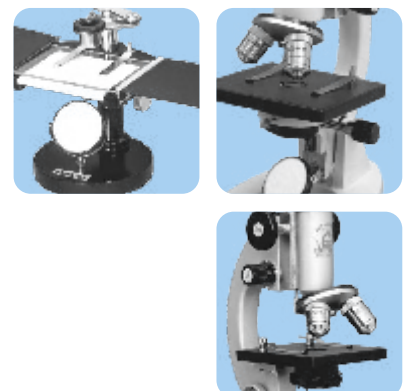
- > General Purpose Bench Top laboratory Centrifuge Machine
- > Heavy duty C. R. C construction finished with powder coating
- > See through Acrylic moulded lid which is light weight to avoid accident
- > Inter lid lock and metallic centrifuge bowl for safety
- > Microprocessor based programmable speed control from 500 to 5000 r.p.m depending upon the type of rotor and Digital timer (0-59 minutes)
- > Supply is completed with 8x15ml Angle head, instruction manual, spare fuses, cord & plug to work on 220volts 50Hz A.C.
- > Available in 12x15ml, 16x15ml, 20x15ml tube sizes



LAMINAR AIR FLOW & CABINETS



We specialize in manufacturing laminar air flows and biosafety cabinets, catering to the critical needs of laboratories and cleanrooms. Our advanced products provide reliable protection from airborne contaminants, ensuring a safe and sterile work environment for sensitive experiments and procedures. With precision engineering, HEPA filtration, and strict adherence to international safety standards, our laminar air flows and biosafety cabinets offer superior performance and peace of mind for researchers and technicians. Trust us for exceptional quality and cutting-edge technology in air containment solutions.



HORIZONTAL WOODEN Microprocessor Based

Switches:	MicroProcessor based switches for blower. LED light & UV light. with LED back light display. (UV light with Timer).
Pre-filter:	90.00% down to 5 micron
HEPA Filter:	ISO 14644 Class 5 (Class 100) 99.97%-99.99%. Down to 0.3 micron. Mesh guard for protection of HEPA Filter.
Airflow:	Frontward Horizontally
Noise Level:	60 decibel $\pm$ 0.5%
Velocity:	0.35-0.50m/sec
Work Table:	Made up of Stainless Steel 304 gr. Cock for gas on work table.
Side Panels:	6mm $\pm$ 0.50m/sec
Front door:	Made of acrylic. (Foldable)
UV Lamp:	15/30W, make Philips Holland.
Illumination:	LED White Light
Pressure:	Digital Manometer 0-50mm range with filter failure alarm.
Power Supply:	230V $\pm$ 10V/50Hz single phase A.C.binet:
Cabinet:	19mm thick Durga-board Covered with mica from outside and epoxy painted from inside.
Heavy Duty Blower:	Dynamically balanced with 0.25 HP Electric Motor Mounted on anti vibration pad 1440rpm motor



LAMINAR AIR FLOW

VERTICAL Stainless Steel

Switches:	MicroProcessor based switches for blower. LED light & UV light. with LED back light display. (UV light with Timer).
Pre-filter:	90.00% down to 5 micron
HEPA Filter:	ISO 14644 Class 5 (Class 100) 99.97%-99.99%. Down to 0.3 micron. Mesh guard for protection of HEPA Filter.
Airflow:	Top to downward
Noise Level:	60 decibel $\pm$ 0.5%
Velocity:	0.35-0.50m/sec
Work Table:	Made up of Perforated Stainless Steel 304 gr. Cock for gas on work table.
Side Panels:	6mm $\pm$ 0.50m/sec
Front door:	Made of acrylic.
UV Lamp:	15/30W, make Philips Holland.
Illumination:	LED Light for easy operation.
Pressure:	Digital Manometer 0-50mm range with filter failure alarm.
Power Supply:	230V $\pm$ 10V/50Hz single phase A.C.
Cabinet:	Cabinet made of 304 grade Stainless Steel.
Heavy Duty Blower:	Dynamically balanced with 0.25 HP Electric Motor Mounted on anti vibration pad 1440rpm motor

Notes:

1. All Sizes are available in Wooden/Mild steel/ Stainless Steel Models
 - (a) Working area size 60x60x60 cm.
 - (b) Working area size 90x60x60 cm.
 - (c) Working area size 120x60x60 cm.
 - (d) Working area size 180x60x60 cm.
2. Analog/Digital Controller available in all models

ALAMICRO®



BIOSAFETY CABINET CLASS-II, A-2 MILD STEEL

Switches:	Microprocessor based switches for Blower, LED light & UV light with LED backlight display. UV light with Timer
HEPA Filter:	ISO 14644 Class 5 (Class 100) 99.97%-99.99%. Down to 0.3 micron, Mesh guard for protection of HEPA Filter
Airflow:	Vertical, 70% of the air volume is re-circulated, 30% is exhausted.
Noise Level:	60 decibel $\pm$ 5%
Velocity:	0.35-0.50m/sec
Work Table:	Made up of Perforated Stainless Steel 304 grade. Cock for gas on work table.
Front door:	Made of acrylic duly counter balanced.
UV Lamp:	15/30W, make Philips Holland
Illumination:	LED Light for easy operation
Pressure:	Digital Manometer 0-50mm range with filter Failure alarm
Power Supply:	230V $\pm$ 10V/50Hz single phase A.C
Cabinet:	M.S Frame in powder coated paint finish.
Heavy Duty Blower:	Dynamically balanced with 0.25 HP Electric Motor Mounted on anti vibration pad 1440rpm motor
Virus Burn Our:	Fitted with exhaust and HEPA Filter for environment protection
Stand:	Fitted with Castor Wheels for easy movability. Front Wheels lockable with brakes



Notes:

1. All Sizes are available in Wooden/Mild steel/ Stainless Steel Models
 - (a) Working area size 60x60x60 cm.
 - (b) Working area size 90x60x60 cm.
 - (c) Working area size 120x60x60 cm.
 - (d) Working area size 180x60x60 cm.
2. Analog/Digital Controller available in all models

BIOSAFETY CABINET

CLASS-II, A-2 STAINLESS STEEL

ALAMICRO®

Switches:	Microprocessor based switches for Blower, LED light & UV light with LED backlight display. UV light with Timer
HEPA Filter:	ISO 14644 Class 5 (Class 100) 99.97%-99.99%. Down to 0.3 micron, Mesh guard for protection of HEPA Filter
Airflow:	Vertical, 70% of the air volume is re-circulated, 30% is exhausted.
Noise Level:	60 decibel $\pm$ 5%
Velocity:	0.35-0.50m/sec
Work Table:	Made up of Perforated Stainless Steel 304 grade. Cock for gas on work table.
Front door:	Made of acrylic duly counter balanced.
UV Lamp:	15/30W, make Philips Holland
Illumination:	LED Light for easy operation
Pressure:	Digital Manometer 0-50mm range with filter Failure alarm
Power Supply:	230V $\pm$ 10V/50Hz single phase A.C
Cabinet:	Made of 304 grade Stainless Steel
Heavy Duty Blower:	Dynamically balanced with 0.25 HP Electric Motor Mounted on anti vibration pad 1440rpm motor
Virus Burn Out:	Fitted with exhaust and HEPA Filter for environment protection
Stand:	Fitted with Castor Wheels for easy movability. Front Wheels lockable with brakes



Notes:

1. All Sizes are available in Wooden/Mild steel/ Stainless Steel Models

(a) Working area size 60x60x60 cm.

(b) Working area size 90x60x60 cm.

(c) Working area size 120x60x60 cm.

2. Analog/Digital Controller available in all models

FUME HOOD

Stainless Steel/ Mild Steel

The work surface of granite/Stainless Steel is fitted with small wash basin & good quality tap.

A gas cock is also fitted. Sliding sash made of polycarbonate/toughened glass moves vertically up and down with concealed counter balanced weights.

Chamber is fitted with 36W polycarbonate fluorescent light assembly.

Space underneath the work surface is provided with storage compartment.

15/5 Amp socket with switches are provided for light and exhaust system.

Supplied with cord and plug to work on 220 volts 1/3 phase 50 Hz A.C.

Complete with motor blower for exhaust system and Duct to take out fumes.



FUME HOOD

Stainless Steel/ Mild Steel

ALAMICRO®

Made of Stainless Steel.
Granite/Stainless Steel Working Platform.
High Speed Centrifugal Blowers.
Front Sash with counter weights.
LED illumination lights.
Water tap and PP sink
Provision for gas and air Connection Storage cup board
15/5 Amp Switches and Socker.

Notes:

1. All Sizes are available in Wooden/Mild steel/ Stainless Steel Models
 - (a) Working area size 90x60x60 cm
 - (b) Working area size 120x60x60 cm
 - (c) Working area size 120x75x75 cm
 - (d) Working area size 150x75x75 cm
2. Analog/Digital Controller available in all models



Biological Safety Cabinet

Class II A2 Biological Safety Cabinet

Three protection: operator, sample and environment.

Airflow system: 70% air recirculation, 30% air exhaust A2 Cabinet is suitable for working with microbiological research in the absence of volatile or toxic chemicals and radio nuclide.

Features:

- LCD display for BSC-3FA2-GL (3')
- LCD display for BSC-3FA2-NA (3')
- Exhaust Thimble canopy (Optional)
- Stainless Steel I.V. Bar with 10 hooks
- SS Water Tap & Gas Tap
- Footmaster Caster
- Waterproof Socket
- UV Lamp - Emission of 253.7 nanometers for most efficient decontamination.

Advantages:

- Motorized front window.
- Large LCD display, all information displayed.
- Automatic air speed adjustable with filter block.
- With memory function in case of power-failure.
- Side & back wall is made up of single piece stainless steel.
- Interlock function: UV lamp and front window; UV lamp and blower, fluorescent lamp; Blower and front window.
- Front 10° slanted to offer operator comfort while working for long time, reduce glare and maximize reach into the work



Laminar Flow Cabinet

Laminar flow cabinet is an equipment which creates partial particles-free environment. Air flow pattern includes horizontal and vertical type, this laminar flow cabinet is vertical type.

Laminar Flow Cabinet-sample protection only Laminar Flow Cabinet is a work bench or similar enclosure, which creates a particle-free working environment by taking air through a filtration system and exhausting it across a work surface in a laminar or unidirectional air stream.

The laminar flow cabinet is enclosed on the sides and kept under constant positive pressure in order to prevent the infiltration of contaminated room air.

Laminar flow cabinet is widely used in medical research laboratories, hospitals, manufacturing facilities and other research and production environments.

ALAMICRO®



Model	ALFC-V680	ALFC-V800	ALFC-DDC	ALFC-SDC
External Size (W-D-H) mm	680 x 410 x 1160	802 x 650 x 1150	1040 x 615 x 1770	1440 x 615 x 1770
Internal Size (W-D-H) mm	630 x 375 x 615	800 x 530 x 540	940 x 540 x 545	1340 x 540 x 545
Work Surface Height	-	660mm	750mm	750mm
Display	LED Display			
Airflow Velocity	Average of 0.3~0.5m/s, air speed adjustable			
Material	Main Body: Cold-rolled steel with anti-bacteria powder coating			
	Wok Table: 304 Stainless Steel			
Pre-filter	Polyester fiber, washable			
HEPA Filter	99.999% efficiency at 0.3μm			
Noise	<65dB			
Front Window	-	Manual, 5mm toughened glass, Anti-UV		
Max Opening	-	490mm	310mm	310mm
Illuminating Lamp	Fluorescent Lamp 8W x 1	LED Lamp 8W x1	LED Lamp 12W x1	LED Lamp 16W x1
UV Lamp	15W x 1	20W x 1	18W x 1	30W x 1
	Emission of 253.7 nms			
Consumption	160W	350W	350W	600W
Standard Accessory	Fluorescent Lamp, UV Lamp x2 Water & Gas tap	LED Lamp, UV Lamp x2, Base Stand		
Optional Accessory	-	Electric height adjustable base stand		
Caster	-	Universal wheel with leveling feet		
Power Supply	AC 220V± 10%, 50/60 Hz; 110V ± 10% 60 Hz			
Gross Weight	50kg	116kg	131kg	174kg
Package Size (W-D-H) mm	840 x 560 x 1380	960 x 800 x 1360	1200 x 850 x 1360	1600 x 850 x 1360

The primary goal of the Fume Hood is to protect operators and laboratory environment from exposure to infectious aerosol and toxic gas which may be generated from the reaction during experiments.

Fume Hood is used to protect lab environment and operator during general chemical applications. It actively protects operator from inhaling toxic vapours and dramatically reduces the risk of fire and explosion. By installing proper filter, it can also protect environment.

Features:

- > LCD Display: Microprocessor control system, LCD display
- > Waterproof socket: 2 waterproof sockets are located in the top panel, for optimum convenience of using small devices inside the cabinet
- > Side glass window: The transparent side glass windows maximize light and visibility inside the cabinet, providing a bright and open working environment.

Advantage:

- > Adjustable air speed: 9 levels.
- > Microprocessor control system, LED display.
- > Resistant to moderate acid and alkali.
- > With memory function in case of power-failure.
- > Manual front glass window, height adjustable.
- > Built-in PP centrifugal blower; low noise, easy installation.



L: 94mm X W: 227mm x H: 50mm



L: 90mm X W: 90mm X H: 6mm

Model		AMFH1000(E)	AMFH1200(E)	AMFH1500(E)	AMFH1800(E)
External Size (W-D-H) mm		1000 x 800 x 2515	1200 x 800 x 2515	1500 x 800 x 2515	1800 x 800 x 2515
Internal Size (W-D-H) mm		790 x 600 x 870	900 x 600 x 870	1290 x 600 x 870	1590 x 600 x 870
Work Surface Height		900mm			
Max Opening		750mm			
Airflow Velocity		0.3~0.8m/s			
System Exhaust Volume		570 m³/h	710 m³/h	930 m³/h	1140 m³/h
Noise		<65dB			
Exhaust Duct		PVC, Standard length: 4 meters ∅300mm			
Blower		Built-inPP centrifugal blower			
Pipe Strap		2 pcs			
LED Lamp		8W x 1	12W x 1	16W x 1	16W x 1
Front Window		Manual, 5mm toughened glass, height adjustable			
Power Supply		AC 220V± 10%, 50/60 Hz; 110V ± 10% 60 Hz			
Consumption		400W	400W	500W	500W
	Exterior	1.0mm cold-rolled steel with bacteria power coating.			
Material	Interior	High grade melamine board with good acid and alkali resistance function			
	Work table	Chemical resistant phenolic resin			
Standard Accessory		Water tap, Water sink, LED lamp, Total load of 2 waterproof sockets: 500W, Built-in PP blower, 4 meters PVC exhaust duct, Pipe strap*2			
Optional Accessory		Gas tap			
Weight(Net/Gross)		250kg/270kg	275kg/300kg	300kg/330kg	330kg/365kg
Package	Main Body	1140 x 940 x 1850	1340 x 940 x 1850	1640 x 940 x 1850	1940 x 940 x 1850

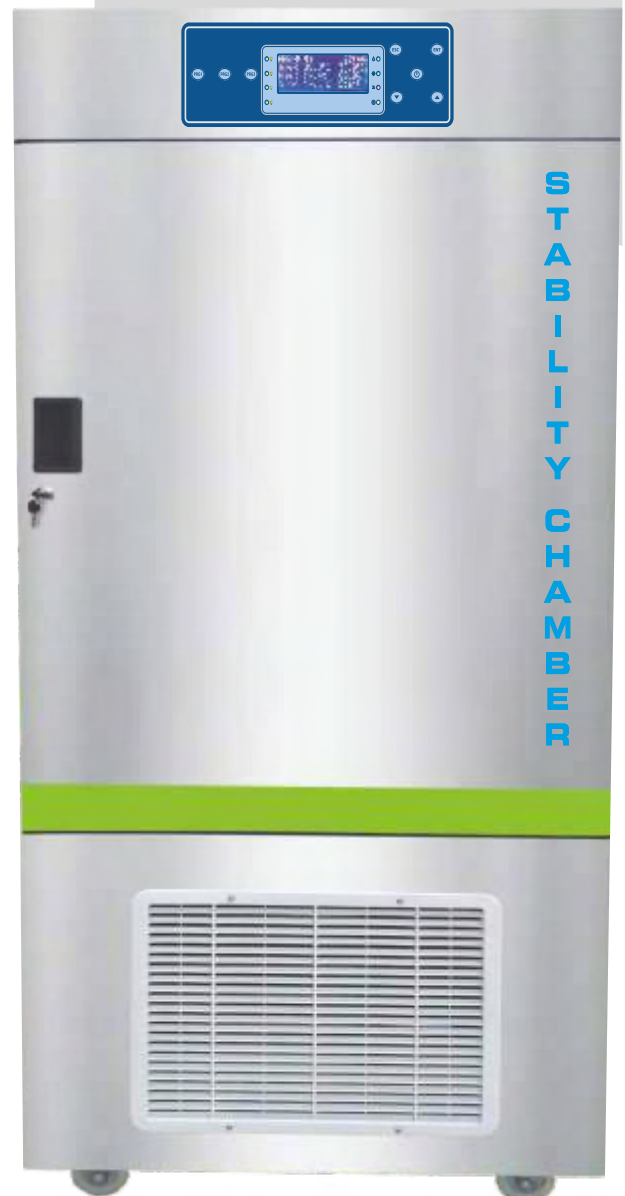
Stability Test Chamber

This equipment provide a long time stable environment of temperature, humidity and illumination for the Pharmaceutical industry medicine invalidation evaluation. It's applied in the medicine accelerating test, growth test, high humidity test and high illuminance test.

Features:

- The Inner chamber is 304 high-quality stainless steel, full arc design, easy to clean and maintain.
- The unique air duct design ensures the uniform temperature and humidity in the box.
- Remote monitoring via mobile phones and computers.
- It has three levels of password authority management function.
- Data recording system can record more than 1 million pieces of data, even if the power failure, the data will not be lost, can be exported through the U disk.
- Conforms to the national pharmacopoeia, GMP, FDA, ICH and other relevant standards for long-term test, intermediate test, accelerated test, with stable and reliable performance to meet the requirements of temperature, humidity, light and other environmental conditions in multiple drug tests.

Model	AMX-MT250
Display	7" LCD touched screen / LCD display
Capacity	250L
Temp. Range	5~60°C with lighting, 0~60°C without lighting
Temp. Resolution	0.1°C
Temp. Fluctuation	± 0.5°C/± 0.1°C
Temp. Uniformity	± 2°C
Humidity Control Range	40~95% RH
Humidity Fluctuation	± 5% RH
Illumination	0-6000 Lux adjustable
Illumination Fluctuation	±500 Lux
Shelves	2 pcs adjustable
Timing Range	1~99 hour
Refrigeration System	Dual refrigeration cycle system, R134a refrigerant CFC- free
Safety Device	Water shortage protection, over temperature protection, overload protection, compressor overload protection
Consumption	2200W
Standard Accessories	2pcs shelves, build-in printer, 30mm test hole
Optional accessories	UV lamp system
Power Supply	AC220±22V/50±1HZ
Chamber Size (W*D*H)	650x465x830
External Size (W*D*H)	850x800x1560
Packing Size (W*D*H)	980x930x1715
Gross Weight	250kg



ALAMICRO®

Sterilize critical moisture or heat sensitive items.

Features:

- Negative pressure working system: to guarantee in the whole operation process of EO gas overflow, even if there is leakage, and outside air into the cavity.
- Automatic safety monitoring functions: real-time monitoring of the sterilization chamber pressure changes.
- Effective ventilation to remove residual: automatic pulsing exhaust ventilation system, aim to minimize the epoxy ethane residues.
- Safety door interlock: during operation, unable to open the door.
- Two temperature choices: 55 °C high temperature, 37°C low temperature.
- Humidification control system: built-in humidity sensor real-time monitoring.
- Power off memory function.
- Electric lift door.

NO External Input Pressure | NO External Input Vacuum



Model	AME02C-135	AME02C-25
Chamber Size (WxDxH)mm	750 x 450 x 400	1250 x 450 x 400
Overall Size (WxDxH)mm	950 x 860 x 1730	1450 x 860 x 1730
Chamber Volume (L)	135	225
Consumption	3.5kw	4.5kw
Power Supply	AC110/220V±10%, 50/60Hz	
Standard Accessories	Stainless steel basket: 2, EO gas can: 3, Printer	
Package Size (WxDxH)mm	1100 X 950 x 1950 (Main Body)	1650 X 1000 x 2050 (Main Body)
Humidity Fluctuation	1000 x 650 x 550 (Accessories)	1550 x 500 x 530 (Accessories)
Net Weight (kg)	300	400
Gross Weight (kg)	350	450
EO Gas Can	Optional	
Model	AZ-100	AV-170
Size	ø 50 x 150	



ETO - Ethylene Oxide Sterilization
One Touch Process Built In - 8 nos.



STATIC & DYNAMIC PASS BOX

ALAMICRO[®]

It is widely used in the place where the clean air is needed, such as micro technology, biological laboratory, pharmaceutical factory, hospital, food processing industry, LCD, electronic factory.

Pass box is used to transfer goods between rooms of different clean levels of clean room. It can reduce times of opening door, prevent the air convection between different rooms and minimize the pollution extent.



17-09-23 ON 19:30
BlrTmr:M:0000 S:45
UvsTmr:M:0000 S:39
mmWC:11.9 Pa:116

17-09-23 ON 19:30
UvsHrs:00000:03000
UvsHrs:00000:04:09
BlrHrs:00000:04:30

17-09-23 OFF 19:31
Job Over
UvsHrs:00000:04:26

17-09-23 19:32
mmWC:H30.0 L5.0
Uvs S:10 UvsM:0001
Blr S:16 BlrM:0001

BlrEnable
UvsEnable
FLU:Enable
UvsHrs:3000

Type	Air Shower			PassBox		
Model	AL-MLMAS-01	AL-MLMAS-02	AL-MLMAS-03	AL-MPB-01	AL-MPB-02	AL-MPB-03
External size (W*D*H) mm	660*570*1000	760*670*1100	860*770*1200	660*570*580	760*670*680	860*770*780
Internal size (W*D*H) mm	500*500*500	600*600*600	700*700*700	500*500*500	600*600*600	700*700*700
Material	304 Stainless steel					
Interlock	Electrical					
UV Lamp	8W*1	15W*1		8W*1	15W*1	
HEPA Filter	Efficiency ≥ 99.999% at 0.3um			/		
Clean air speed	0.36~0.54m/s			/		
Gross Weight(Kg)	80	100	125	55	70	90
Packing Size (W*D*H)mm	780*690*1190	780*690*1190	780*690*1190	780*690*770	880*790*870	980*890*970

SAMPLING / DISPENSING BOOTH

Standard Dispensing Booth is designed in compliance with international GMP guidelines. It is fully equipped to provide operator, process, and/or product protection during open handling processes such as: weighing / dispensing or charging of powder into intermediate bulk container (IBC), bins or equivalent, and sampling in cGMP warehouses.

Booth has over 420 possible dimensional models with approximately 3.5 million possible system configurations. As an established manufacturer and supplier of sampling / dispensing booths.

Dispensing Booth can guarantee standard solution to its specific process and facility requirements. Should a standard option not fit your requirements, Almicro can offer a customized solution.

Application

- > Air is delivered into the Operator's Breathing Zone (OBZ) via the overhead HEPA filters, thus providing a clean and safe environment.
- > Potential dust clouds are suppressed and removed via the exhaust filtration system.
- > The operator carries out tasks in the high velocity zone at the rear of the Booth so that dangerous dusts will not rise into the breathing zone.
- > Product protection is assured by customising the down flow booth's layout to suit the processes being carried out.
- > The Booth provides a stand-alone work place that doesn't require the connection of external ventilation systems.



Features:

- > Standard blowers used by are closed loop EUM fans. These are energy-efficient blowers with the ability to automatically adjust fan speed in response to filter loading.
- > Noise level of ≤ 75 dBA can be achieved during factory testing; carried out in free field with clean filters and without sound foam.
- > The sampling booth is equipped with knife-edge gasket sealed niters capable for a rapid tool-less replacement within the booth.
- > Dispensing Booth can achieve ISO Class 5 air quality (at rest conditions) with its wide array of standard filtration options. Client can specify the type based on their application (dust burden level)
- > Flush mounted energy efficient LED light fixtures in the booth side walls or ceiling ensures minimum glare and sufficient lux in the work zone
- > LED lighting design placement ensures improved airflow regime with the minimum distance between the ceiling HEPA filters and diffusers.
- > For powder coated sampling / weighing booths, Dispensing Booth utilizes the anti-microbial powder coating on all panels.

CO₂ Incubator

Carbon dioxide (CO₂) incubators provide optimal growing conditions and contamination prevention for valuable cell cultures. ALMICRO provides a wide range of CO₂ incubators, ranging from a small capacity and volume to a large scale capacity cabinet. All the CO₂ incubators are built with the patented Water Jacket and Air Jacket systems, which minimizes the risk of condensation at the present and in the future.

Features:

- > Water tank for humidity in the chamber.
- > Air jacket: equipped with UV Lamp for sterilizing; Water jacket: equipped with HEPA filter.
- > Equipped with USB port and LCD Display, the incubator can save data in real time.
- > High quality CO₂ gas filter ensures the inside gas quality.
- > SMC brand gas circuit valves ensure more stable CO₂ concentration and less consumption of CO₂ gas.
- > Microcomputer controller, LED displays temperature, CO₂ concentration, run-time and timing.
- > High quality infrared sensor for accurate CO₂ concentration.
- > The working chamber adopts round angle structure, easy to clean.



Model	AL-MEMX-C50		AL-MEMX-C80		AL-MLMX-C160	
Capacity	50L		80L		160L	
Heating	Air jacket		Air jacket	Water jacket	Air jacket	Water jacket
Temp. Range	RT + 5 ~ 60°C					
Control Type	Microcomputer controller					
Temp. Fluctuation	≤ ±0.2°C (at 37°C)					
Temp. Uniformity	≤ ±0.3°C (at 37°C)					
Time Setting	999h or continuous					
Alarm	Audible and visual alarm; Over-temperature alarm; CO ₂ Concentration alarm.					
Shelves	2 pcs/ adjustable					
Material	External cold-rolled steel with painting; internal stainless steel					
Door	With inner door and external door					
CO ₂ Range	Infrared sensor, range 0~20%					
CO ₂ Control Resolution	0.10%					
Humidification Type	Water tank for natural evaporation					
Sterilization Type	UV lamp for air jacket					
Ambient Temp. & Humidity	18~30°C, suggest 2±2°C; relative humidity ≤80%					
Caster	Footmaster caster					
Consumption	350W	600W	875W	650W	1000W	
Power Supply	AC110/220V±10%, 50/60Hz					
Internal Size(W*D*H)mm	368*387*408	398*446*498	380*450*590	498*546*678	498*480*722	
External Size(W*D*H)mm	500*527*821	600*596*921	628*543*1033	700*666*1101	747*654*1260	
Packing Size(W*D*H) mm	655*680*970	730*735*1070	680*780*1220	790*830*1250	780*880*1420	
Gross Weight (kg)	69	83	109	109	109	

When your testing requires walk-in rooms, choose ALMICRO, Controlled Temperature/Humidity Solution. Our testrooms feature automated process control, energy efficiency and a vast range of features and options. Every ALMICRO environmental room features equipment that reliably produces required conditions, structural integrity that keeps the room working properly through years or demanding test cycles, and measuring monitoring equipment that precisely records all test data.

ALMICRO Walk-In Stability Chamber ensure the Temperature-Humidity is uniform & within range throughout the room. Customer can also avail the option of a probe monitoring with data logging, trending & real-time alarms.



PLC Features

- PLC based Control system make: Delta.
- PLC based: Controlling, Safety, Atomization, Communication & Database.
- 1500 Lines storage facility.
- PC Communication via Ethernet.
- Online monitoring on Graphical LED 7" touch screen Display: Delta
- PLC based safety control to protect the chamber from overshoot & undershoot or temp and RH
- Auto changeover of Master sensor in case of failure.
- Auto switch over of Refrigeration System in case of failure.
- Auto changeover of Steam Generator in case of failure.
- Changing Set value of Master controller from HMI with password protection with auto log off.
- Alarm for low water level with reset system to protect steam Generation System
- Password protected Door opening with Reason Master.
- Event logger facility.
- Password protected restores factory setting.

Medical Refrigerator

Blood Bank Refrigerator (Single Door)

Cooling and Cold Chain

Blood bank refrigerator series products are applied to places needing storage at constant temperature, such as hospitals, epidemic prevention stations, blood banks, scientific research institutions, colleges and universities, biological pharmacies, genetic engineering, entrepreneurs, etc. The storing temperature in the body can be regulated by the temperature button on the control panel. The application is convenient and the performance is reliable.

- > Multiple sensors design: make sure the precise monitoring and programming.
- > Double layer transparent glass door, easy to observe, also keep a better cooling temperature.
- > Forced air refrigeration system, ensure inner temperature constant and uniform.
- > Adjustable shelves, improve space utilization; blood storage baskets can be classified.
- > Individual transparent inner door, effectively reduce cool air loss when opening the door.

Standard Accessory: Temperature printer, LED lamp, probe access port, door key

Optional Accessory: Temperature recorder

ALAMICRO®



Model	ALM-MR-4V120	ALM-MR-4V160	ALM-MR-4V210	ALM-MR-4V250	ALM-MR-4V310
Capacity	120L	160L	210L	250L	310L
Temp. Range & Accuracy	Range: 4+1°C Accuracy: 0.1°C				
Control System	Microprocessor control				
Display	LED display / LCD display				
Alarm	Audio and visual alarm for: High or low temperature, Sensor failure, System failure; Door alarm; Power failure, Low battery alarm for LMR-4V120/210; Battery off alarm for LMR-4V160/250/310				
Refrigeration Type	Forced air refrigeration system Refrigerant: R134a, CFC-Free				
Compressor	International famous compressor				
Condenser & Evaporator	High efficiency air-cooled condenser, made of copper				
Defrost	Auto defrost				
Construction	Unibody Design, Mono-assembly foaming (Rigid polyurethane insulation material)				
Door	Internal Material: Stainless steel External Material: Cold-rolled steel with anti-bacteria powder coating				
	Double layer transparent glass door with lock, Heating film preventing frosting, Sealing joint strip with magnetic force. Transparent plastic inner door				
Consumption	160W	257W	200W	380W	380W
Power Supply	AC110/220V+10%, 50/60Hz				
Casters	4 casters				
Adjustable Shelves	2pcs	4pcs	4pcs	4pcs	5pcs
Baskets	6pcs	12pcs	12pcs	12pcs	15pcs
Blood Bags (450ml)	66pcs	120pcs	132pcs	156pcs	195pcs
External Size (W*D*H)mm	522*635*1030	530*593*1287	522*635*1530	630*666*1658	630*666*1886
Package Size(W*D*H)mm	580*690*1200	672*732*1501	580*690*1700	762*812*1866	762*812*2091
Gross Weight	95kg	104kg	120kg	145kg	167kg

Deep Freezer -25°C Freezer 268-350L

This refrigerator can be widely used in hospitals, clinics, laboratories, scientific research institutions, etc. And it is mainly used for the storage of RNA vaccines.



Model		ALM-MDF-25V268	ALM-MDF-25V328	ALM-MDF-25V270	ALM-MDF-25V350
External Size (W-D-H) mm		673*676*1630	673*676*1886	690*744*1631	690*744*1885
Capacity		268L	328L	270L	350L
Type		Vertical			
Temp. Range		-10℃~-25℃		-15℃~-25℃	
Temp. Accuracy		0.1℃			
Control System		Microprocessor Control & LED Display / LCD Display			
Alarm		High and low temperature; System & sensor failure;		High or low temperature alarm, Sensor failure alarm, power	
		Door alarm: Power failure alarm: Thermostat alarm		failure alarm, abnormal door opening and closing alarm	
Refrigeration Type		Direct Refrigeration; Refrigerant: R290, CFC free			
Compressor		International famous compressor			
Condenser & Evaporator		High efficiency air-cooled condenser, made of copper		Bundy tube condenser and inner coil tube evaporator	
Shelve/Inner Door		4pcs	5pcs	4pcs	5pcs
Power Supply		AC 220V± 10%, 50/60 Hz; 110V ± 10% 60 Hz		220V+10%; 50Hz	
Consumption		280W	280W	290W	305W
	Structure	Unibody Design & Mono-assembly foaming (Rigid polyurethane insulation material)			
Construction	Internal	Cold-rolled steel coated with		SUS304	
	External	Anti-bacteria powder Coated		Cold-rolled steel coated with bacterial powder	
Package Size (W*D*H) mm		760*770*1800	770*770*2040	810*860*1820	810*860*2100
Gross Weight		125kg	140kg	155kg	170kg

Ultra Low Deep Freezer

-80°C / -86°C

Deep freezer manual series products are applied to places needing storage at constant temperature, such as hospitals, epidemic prevention stations, blood banks, scientific research institutions, colleges and universities, biological pharmacies, genetic engineering, entrepreneurs, etc.



Also Available with Touch Display



Standard Accessory: USB Port



Model	ALM-MDF-86V108	ALM-MDF-86V340	ALM-MDF-86V588
External Size (W*D*H) mm	700*730*1260	854x1006x1907	891*1155*1994.5
Internal Size (W*D*H) mm	460*460*510	488*607*1140	606*738*1310
Capacity	108L	340L	588L
Type	Vertical		
Temp. Range & Accuracy	-40°C ~ -86°C Temp. Accuracy: 0.1°C		
Control System	Microprocessor Control & LED Display / LCD Display		
Alarm	High and low temperature, Sensor failure, High and low temperature, Sensor failure, Door ajar, Power failure, Voltage abnormal, Ambient temperature abnormal, Low voltage, Filter blocking		
Refrigeration Type	Direct Refrigeration; Refrigerant: Mixture refrigerant		
Compressor	1 set	2 set	2 set
Condenser & Evaporator	Made of copper		
Door	Lockable door		
Caster	4 casters		
Consumption	450W	810W	815W
Construction	Structure	Unibody design & Mono-assembly foaming (Rigid polyurethane insulation material)	
	Internal	SS 304	
	External	Cold-rolled steel with anti-bacteria powder coating	
Chamber with Inner Door	2	2	2
Temp. Test Port	1, ø20mm	1, ø23mm	1, ø25mm
Power Supply	AC110V/220V=10%, 50/60Hz		
Package Size (W*D*H) mm	785*800*1430	935*1070*2130	975*1140*2200
Gross Weight	133kg	283.5kg	368kg
Optional	Storage Racks	No	12 racks:4*4
Accessory	Boxes	No	16 racks:5*5
		192 boxes	400 boxes



Features:

- LCD Display / LED Display.
- Double door design.
- Polished stainless steel chamber.
- Round angle structure, easy to clean.
- Universal castors for easy movement.
- CFC-free environmental friendly refrigerant.
- Microprocessor PID temperature control: accurate and reliable.
- BOD socket integrated inside for additional small equipment.

Safety function:

- Temperature protection threshold value can be set.
- Auto-off protection and alarm for abnormal situation.
- Parameters can be saved automatically when power off or system error.

Model	ALM-MX-B100	ALM-MX-B150	ALM-MX-B200	ALM-MX-B250
Capacity	100L	150L	200L	250L
Temp. Range	Range: 0~60 °C			
Temp. Fluctuation	+/-0.5°C			
Temp. Uniformity	+/-1°C at 37°C			
Shelves	2 pcs/ adjustable			
Time Range	0~99h			
Refrigerant	R134a (CFC free, eco-friendly)			
Working Type	Continuous			
Standard Accessories	BOD socket, built-in printer, 2 test ports, lock			
Optional Accessories	USB port			
Consumption	1450W			
Power Supply	AC110/220V+10%, 50/60Hz			
Internal Size (mm)	500*350*580	550*401*690	600*450*750	660*450*850
External Size (W*D*H)mm	644*647*1170	690*692*1270	742*743*1340	802*743*1440
Package Size(W*D*H)mm	734*767*1400	780*782*1500	832*833*1570	892*833*1670
Gross Weight	102kg	110kg	118kg	126kg

Plant Growth Chamber

ALMICRO®



Model	AL-MRTC-4	AL-MRTC-6	AL-MRTC-10	AL-MRTC-12	AL-MPGC-15	AL-MPGC-16	AL-MPGC-20	AL-PGC-30
Dimension Inner (W-D-H) mm	455x410x610	505x415x830	570x550x875	650x580x900	700x640x900	700x640x970	775x775x900	825x825x1200
Capacity	112 ltrs	171 ltrs	280 ltrs	340 ltrs	420 ltrs	450 ltrs	560 ltrs	840 ltrs
Volume	4.0 Cuft	6.1 Cuft	10.0 Cuft	12.0 Cuft	15.0 Cuft	16.0 Cuft	20.0 Cuft	30.0 Cuft
No. of Shelves	2	2	3	3	4	4	4	4
MOC Inner	Powder coated CRC Steel Sheet							
MOC Inner	Chamber and trays made of Stainless Steel (SS-304)							
Type	Forced Convection Type							
Freezer Compressor	Hermetically sealed air cooling compressor system							
Temp. Range	10°C to 60°C							
Temp. Accuracy	+1°C							
Humidity Creation	Through sophisticated steam injection process.							
Humidity range	5% above ambient from 40% to 95%RH at cool temperatures							
Humidity Accuracy	+3%RH							
Evaporator	Finned tube evaporator for faster cooling effects							
Safety	Over temperature limiter switch prevents overheating							
Insulation	Foamed-in-Place PUF insulation ensures thermal stability and reduces electrical energy consumption							
Illumination	Exterior illumination with fluorescent tubes/lamps.							
Temp. Controller	Fitted with MICROPROCESSOR BASED TEMPERATURE-HUMIDITY CONTROLLER CUM DATA LOGGER with 9 segments to enable users to Control nine different variation and repetition of temperature, illumination and humidity according to its conditions							
Humidity Controller	Digital Humidity Indicator-Cum-Controller							
Electrical Supply	220/230V AC, 50/60Hz							
Optional	Communication port with interface and data cable to download data to your PC							

Autoclave - Horizontal

Horizontal Cylindrical Pressure Autoclave

This type sterilizer is applicable for medical liquid, instrument and dressing fabric in medical institution and pharmaceutical factory.

Application:

It is applicable for the sterilization of unpacked solid instrument in department of Stomatology, Ophthalmology, Operation room and CSSD.

Features:

- Drying function.
- Interlock function.
- Automatic sterilization process.
- 304 stainless steel material chamber.
- Safety valve for over pressure protection.
- Automatically fill water in case of low water level.
- Over-temperature, over-pressure protection device.
- Water level sensor. The power will be cut-off.
- Double door optional



Model	AL-MA-H150	AL-MA-H200	AL-MA-H300	AL-MA-H400	AL-MA-H500
Capacity	150L	200L	280L	400L	500L
Chamber Size(mm)	φ440*1000	φ515*1000	φ600*1000	φ700*1100	φ700*1300
Working Pressure	0.23MPa				
Working Temp.	134°C				
Temperature Range	105~134°C				
Sterilization Time	0~60 min				
Drying Time	0~60 min				
Temp. accuracy	≤ +2°C				
Consumption	9KW		12KW	18KW	18KW
Power Supply	220V/380V, 50/60Hz		380V, 50Hz	380V, 50Hz	380V, 50Hz
External Size (mm)	1400*600*1300		1400*770*1780	1430*880*1830	1800*900*1820
Packing Size (mm)	1500*900*2050		1680*920*2100	1600*1050*2100	1850*1050*2100
Gross Weight (kg)	320		465	530	580

Autoclave - Vertical

Vertical Cylindrical Pressure Autoclave

Vertical Autoclave fitted with S.S./Gun metal lid having an inner & outer chamber made of S.S. 304 also fitted with vacuum breaker as a safety device. All Autoclaves are fitted with standard accessories as a radial lock, pressure gauge, steam release cock, and safety valve to work on to 220 volts.

Chamber Size in (Dia x Depth)	Load	Capacity (Approx)
250 x 450 mm	2 KW	22 Ltr.
300 x 500 mm	3 KW	40 Ltr.
350 x 550 mm	4 KW	50 Ltr.
400 x 600 mm	5 KW	78 Ltr.
450 x 600 mm	5 KW	98 Ltr.
550 x 750 mm	6 KW	152 Ltr.



ALAMICRO®

Table Top Autoclave - Class N

Robust and Compact Space-efficient

Application to all wrapped or non-wrapped, solid, hollow load products type A and porous products or related articles. This sterilizer can be used for dental clinic, laboratory, surgical room, emergency room, ophthalmology, gynecology and steam, cosmetic hospital and so on, by doctors and professionals. Autoclaves are equipment for sterilizing widely used in microbiology, medicine, podiatry, tattooing, body piercing, veterinary science, mycology, dentistry, and prosthetics fabrication. They vary in size and function depending on the media to be sterilized.



MODEL	Capacity (Approx)
MTA15A	15-18 ltr.
MTA25N	20-25 ltr.

Features

- Adopting European N standard, with thermal vacuum and drying functions, it can be used for A-type hollow instruments and solid instruments. Thermodynamic vacuum guarantees elimination of cold air from the cavity and makes sure that reaches the optimal effect of sterilization.
- Specially design for dental clinic field, it could sterilize 12 pieces hand piece at same time, simply and
- Microprocessor control, LED display and modularized panel for easy operation.
- Automatic malfunction detection system makes easy maintaining.



Table Top Autoclave - Class B

Robust and Compact Space-efficient

- B-process, N- process, Dri-Tec drying - process. Automatic (with manual override facility in case of auto mechanism failure).
- Sterilizing Cycle Processes available: 121°C Wrapped, 134 degrees C Wrapped, 134°C Flash/Rapid open instrument cycle, 134°C textile, Test programs: Bowie & Dick, Leak Test.
- Audio- visual Alarm facility available for notifying: Temperature sensor failure, Pressure sensor failure, Phase time out, Door improperly closed, Power failure (no alarm if duration of power failure < 10 sec), Safety device malfunctioning, Low water level, Cassette improperly closed.



The tabletop autoclave can be used for medical and surgical items in ophthalmology, dentistry, and internal medicine clinics, such as packaged items, hollow and porous items for sterilization, and can also be used in emergency rooms and small laboratories.

MA-ZB series sterilizer is an automatic high temperature and rapid pressure sterilizer which works with steam as a medium.

It can be widely used in departments of stomatology and ophthalmology, operating room, supply room, dialysis room, and other medical institutions. It is unpacked items, solid instruments, dental handpieces, endoscopes, implantable instruments, dressing fabric, rubber tubes, etc.

Build-in open-type water tank : The sterilizer adopts an easy-clean open-type water tank which can support repeated program running if fully injected with water.

High-efficiency ultimate vacuum : The sterilizer adopts a high-efficiency low noise vacuum system which has excellent effects.

Large LCD display for MAZA/ MAZB : The LCD screen can display temperature, pressure, time, operating status, failure warning, and other information. It is convenient for customers to observe the sterilizer's running CT2T11Q

Multiple program types

The system has various programs, including packed items, unpacked items, BD testing program, vacuum testing program, and drying function. The custom program, rapid program and preheat function (for LMA-Z16B).

- **Standard USB port for MAZA MAZB** : Users can store the sterilization data with a USB disk.
- Optional mini printer can be attached record the sterilization process.

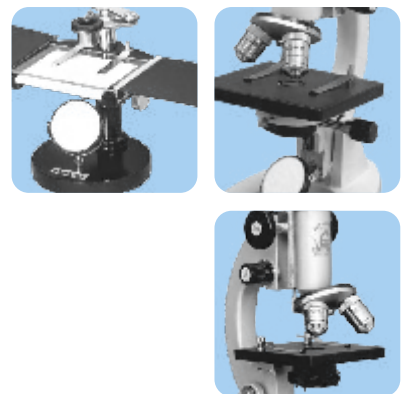
MODEL	Capacity (Approx)
M-TTA-15-K	15-18 ltr.
M-TTA-25-K	20-25 ltr.
M-TTA-25-G	20-25 ltr.



HISTOPATHOLOGY LAB SOLUTION



We are a leading manufacturer of laboratory ovens and refrigerators, committed to delivering reliable and high-performance solutions for scientific and research applications. Our precision-engineered products, offer exceptional temperature control, uniformity, and energy efficiency. With advanced features, robust construction, and strict quality control, our laboratory ovens and refrigerators provide optimal storage and preservation conditions for critical samples, ensuring the integrity of scientific experiments and discoveries. Trust us for dependable and innovative solutions to meet your laboratory's temperature control needs.



Rotary Microtome [Erma type]

Almicro Rotary Microtome MS-70 is a histopathological Sectioning instrument having its design based on Erma Japan technology. It is precise in operation and dependable for long life.

All the mechanism is mounted on heavy cast iron base to make it vibration free. Interior parts are covered by protective aluminium casted dust cover, half the portion of which is hinged by and swings backward to expose the interior components for lubrication, lever engagement and feed release. With every revolution of the drive wheel, the feed panel engages precisely into the teeth of the ratchet wheel which moves forward and advances the object holder in steps of 1 to 25 microns

TECHNICAL SPECIFICATION

Feed Adjustment	1-25 Microns (in steps one Micron each)
Total feed excursion	28 mm.
Overall dimensions	30cm x 25cm x 25cm
Weight 20 Kg (Approx)	
Accessories	Object holders 3 (assorted) One knife 120mm with back and handle Honing stone Oil can for Lubrication.
Finish	Powder Coated in study wooden box.



Senior Rotary Microtome

ALMICRO Senior Rotary Microtome MS-80 is a standard sectioning instrument having latest technical design. It is outstanding for its precise operation, dependability and long life. A heavy, rigid base supports the internal mechanism and knife holder. The protective cover is hinged to the base and swings back to completely expose the interior parts, thus permitting easier access for cleaning and lubrication. Its feed mechanism is independent of the vertical movement of the object block. With every revolution of the counter balanced drive wheel the feed panel engages precisely into the teeth of the ratchet wheel which moves forward and advances the object holder in such precise increments that tissue can be sectioned down to even one micron in thickness. Automatic disengagement of feed mechanism prevents jamming and damage to feed screw.

TECHNICAL SPECIFICATION

Feed Adjustment	1-50 Microns (in steps one Micron each)
Total feed excursion	28 mm.
Overall dimensions	16"x10"x9"
Weight	30 Kg (Approx)
Accessories	Object holders 3 (assorted) One knife 120mm with back and handle Honing stone Oil can for Lubrication.
Finish	Powder Coated in study wooden box.



SLIDING / SLEDGE MICROTOME

These designed for cutting large block of paraffin and resin Embedded material including whole organs for light microscopy. The Knife holding clamps allow the knife to be offset to the direction of cut a major advantage when sectioning large hard blocks.

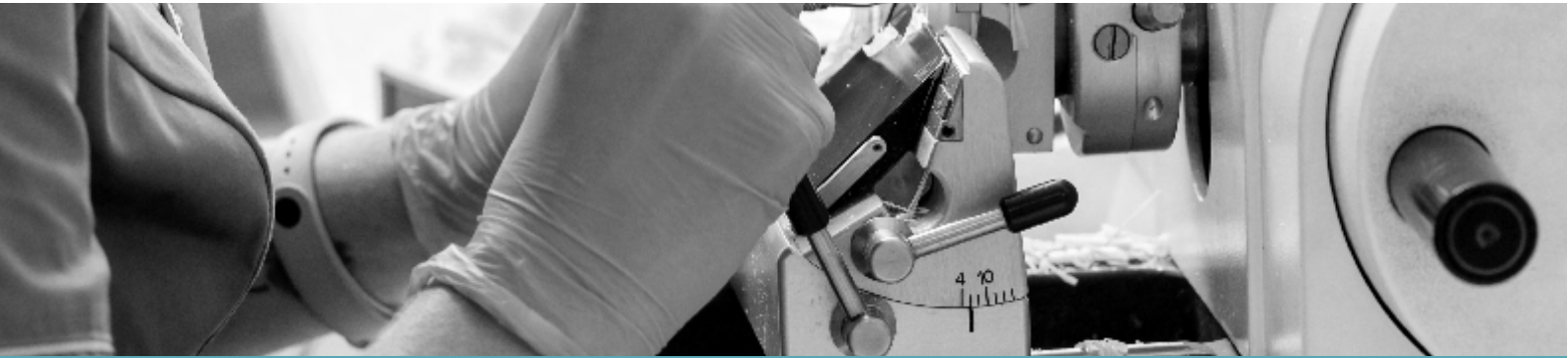
SALIENT FEATURES

- Heavy for stability- smooth movement
- Durable powder coating paint
- Vibration free during cutting large blocks of paraffin and embedded material

TECHNICAL SPECIFICATION

- > Heavy casted base machined, precision ground. The base & slider are finished with durable powder coating paint.
- > Simple action of pushing & pulling slider forward and back using the operating handle.
- > Unique design of the handle more action of pushing & pulling automatically advances & retracts the specimens.
- > With automatic feed mechanism with micron feed from 0-20/1-50 micron in step of 1 micron for cutting hard & large paraffin specimens.
- > Heavy duty model to avoid vibration during cutting section
- > Knife holder hold microtome knife of 200mm special tool steel fabricated
- > Extra wide object holder vise
- > Smooth movement on stainless steel rails
- > Supplied complete with one Knife, having back & handle in box, one bottle of lubricating oil and dust cover, instruction manual, block 3pc in wooden box.
- > Certified ISO 13485





Advance Rotary Microtome

Rotary Microtome Model Magnacut is a manually operated Microtome, used to produce thin sections of specimens of different hardness in both routine and research applications in Laboratory, Pathology and Histopathology, biology, medicine and institutes. Our Rotary Microtomes are designed to section soft materials embedded in paraffin as well as harder specimen, provided those specimen are still suitable for manual sectioning. The instrument ensures life-long smooth operation. Individual components are fabricated and assembled from graded material using latest technology.

- Range of Section thickness: 1 μm to 50 μm in steps of 1 μm
- Front Located Feed Indicator & micron setting Knob
- Robust & advanced ratchet gear cam drive system for accurate feed
- All locks & adjustments are readily accessible for fast & safe operation
- Independent feed mechanism with safety locking device to lock the hand wheel
- Universal vice type object holder for accurate centering of the specimen.
- Microtome knife of special tool steel -120mm with handle in box.
- Universal knife holder with lateral movements to permit use of complete knife-edge
- Knife holder conveniently suited for Microtome Knives & Disposable Blade Holder
- Protective cover for easier cleaning and lubrication
- Heavy and rigid base to render a shake proof operation
- Supplied with standard acc.

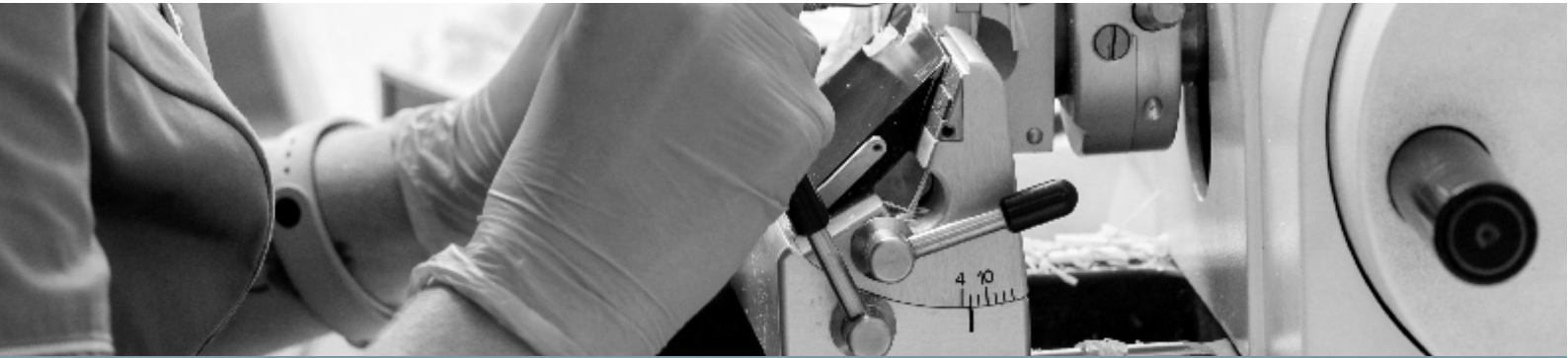


Standard Accessories

Block holder - set of 03. (as ordered)
Tissue embedding rings-12pcs. (as ordered)
L Moulds - 50 x 25 x 20 mm - 1 set.
Dust cover - one.
Hone stone - one.
Oil can- one .
Instruction manual - one.

Optional Accessories

Disposable Blades attachment



SEMI AUTOMATIC MICROTOME

Semi-automated rotary microtome ideal for routine sectioning and research application in pathology, histopathology textile and other research laboratories.

Easy operation, safety & high precision specimen feed, stable performance to provide high quality sectioning results. Universal specimen holder is provided along with a standard cassette holder for paraffin embedded tissues.

Stable performance to provide high quality sectioning results. Universal specimen holder is provided along with a standard cassette holder for paraffin embedded tissues.

SALIENT FEATURES

- Fast and effortless trimming
- Lcd display
- Shorten cleaning time with waste tray
- East to operate
- Soft touch keypad

TECHNICAL SPECIFICATION

Total section thickness range from 0.5 – 100um.

Specimen retraction during retravel 5-100um in 5 um

Horizontal specimen feed approx. 60mm

Sectioning modes- 1 manual mode

Specimen orientation horizontal: 8°, vertical: 8°, Z: 360°

Object feed 28mm

Trimming thickness: 1-600um

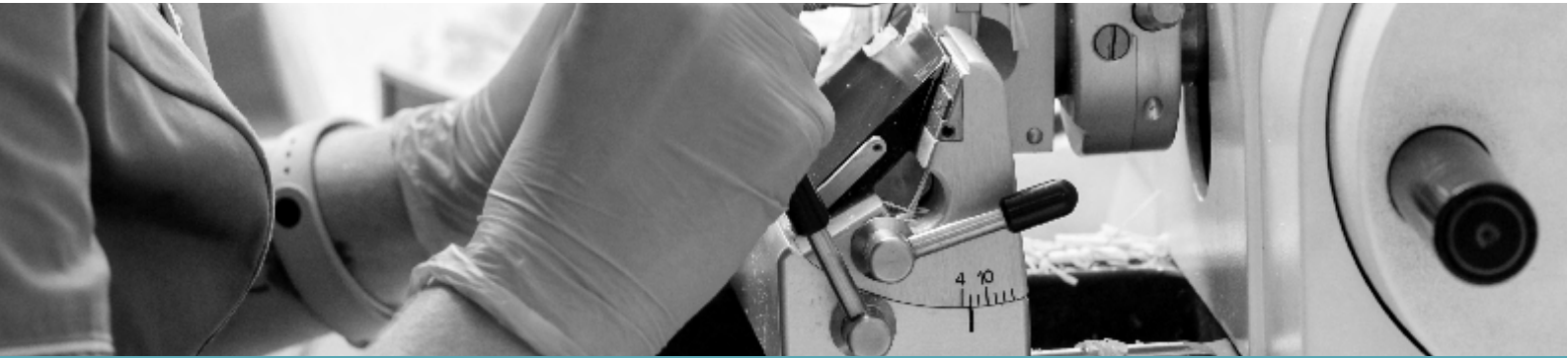
Operation semi-automatic

Max specimen size: 50x50mm

Nominal voltage: 220V,50Hz/110V,60Hz

Dimensions: 600X350X320mm





FULLY AUTOMATIC MICROTOME

The Fully Automatic Rotary Microtome provides utmost reliability, user benefit and outstanding operator comfort. Great basic stability and precision, make this microtome a real multi-purpose instrument that meets the requirements both in paraffin and hard sectioning techniques of the biological, medical and industrial lab

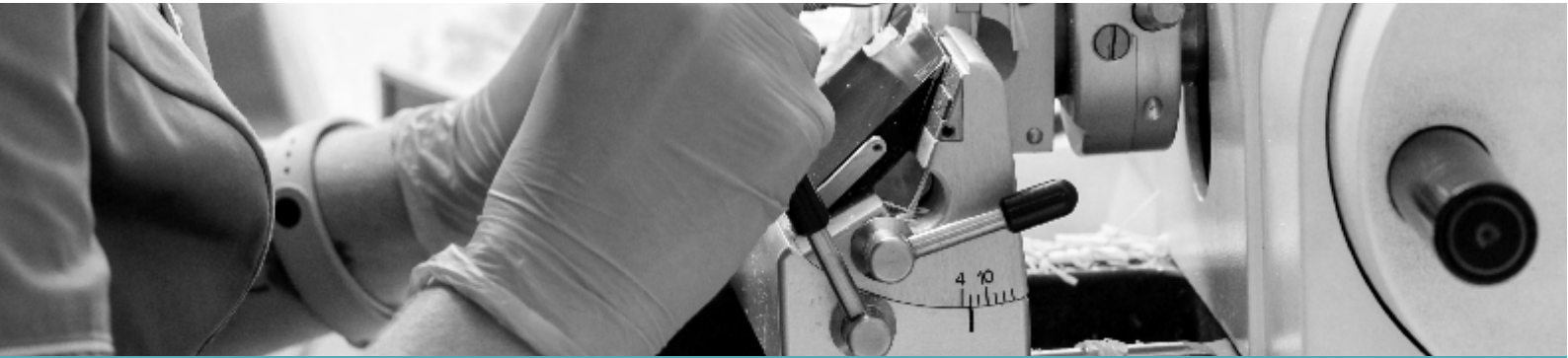
SALIENT FEATURES

- Section thickness display
- Adjustable knife angle
- Coarse free hand-wheel
- Section thickness
- Adjustable knob
- Spacious section waste tray
- integrate finger guard
- Cross roller guide ways

TECHNICAL SPECIFICATION

- > Rust proof construction
- > Lockable hand wheel at any position allowing change of blade/ specimen easier and safe
- > Large storage capacity on the top of the instruments for easy access of tools
- > Ergonomic and user friendly design
- > Slicing/Trimming mode
- > LCD display with feather touch keypad
- > Horizontal feed- 28 mm
- > Vertical specimen stroke- 70 mm
- > Specimen holder rotation at angle within 360°
- > Specimen orientation- XY-8°
- > Maximum specimen size- 70×70 mm
- > Dimensions- 600×350×320mm





MANUAL CRYOSTAT MICROTOME

This is used for cutting Tissues at Low Temperature.

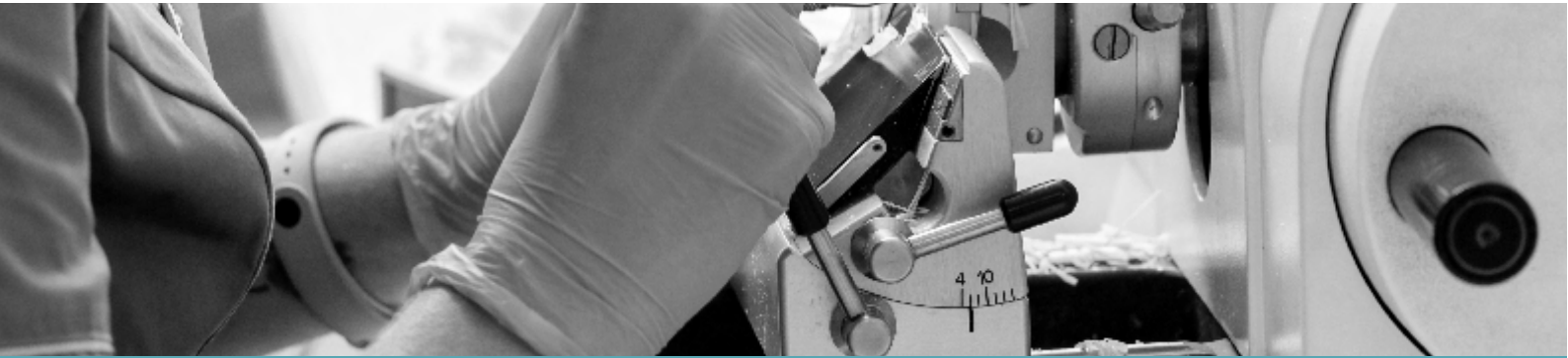
SALIENT FEATURES

- Ergonomic design
- Easy to read lcd screen
- Rapid refrigeration mode allows desired temperature drop in 120min
- Working area is easy to clean and disinfect

TECHNICAL SPECIFICATION

- > Sectioning thickness range 1 μ m-30 μ m in 1 μ m increments
- > Freeze shelf lowest temp. -35°C
- > Cooling down time to -40°C: 120min
- > Easy to operate control panel
- > Spacious, stainless steel cryo chamber
- > Anti-glare illumination
- > Heated glass window for clear visibility
- > Automatic defrosting system
- > Built in drainage system
- > Easy mobility with heavy duty castors
- > Hermetically sealed and thermostatically control refrigeration





SEMI AUTOMATIC CRYOSTAT MICROTOME

CMM-02 is used for cutting Tissues at Low Temperature.

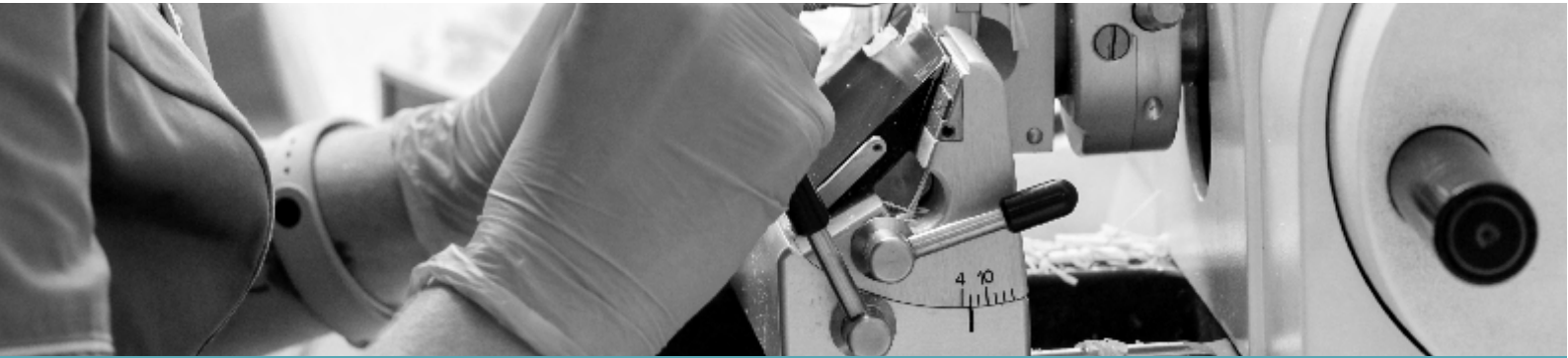
SALIENT FEATURES

- Motorised feed control
- Lcd screen
- User friendly control panel
- Anti-static disposable blade holder
- Dual compressor
- Uv sterilization

TECHNICAL SPECIFICATION

- > Dual compressor for rapid freezing.
 - > Arbitrary switching b/w trimming & Sectioning
 - > Adjustable Cutting angle
 - > Portable with 4 castors
 - > Blade holder with finger safety
 - > Enclosed drainage system
 - > Anti-roll device
 - > Frost free encapsulated microtome assembly
 - > Visible operating parameter at all time
-
- > No. of Freezing section: 10
 - > Trimming range: 1-600mm
 - > Lowest temperature unit: -40°
 - > Quick Freeze shelf: ≤ -50°
 - > Max. specimen size: 35x35mm
 - > Vertical Specimen stroke: 65mm
 - > Horizontal Specimen feed: 25mm
 - > Cooling downtime to: -40°C
 - > Specimen Orientation: 8°(X-Y Axis)
 - > Cryo chamber temperature: -1 to -40°C adjustable.
 - > Specimen Retraction: 5-75 mm in 1 mm increment.
 - > Motorized Coarse feed: 480mm/sec
 - > Voltage: 220V
 - > Section thickness Range- 1-100 mm
 - > Increment Range (I-IV):
 - From 1-5mm in 0.5 mm increments
 - From 5-20mm in 1 mm increments
 - From 20-60 mm in 5 mm increments
 - From 60-100mm in 10 mm increments





FULLY AUTOMATIC CRYOSTAT MICROTOME

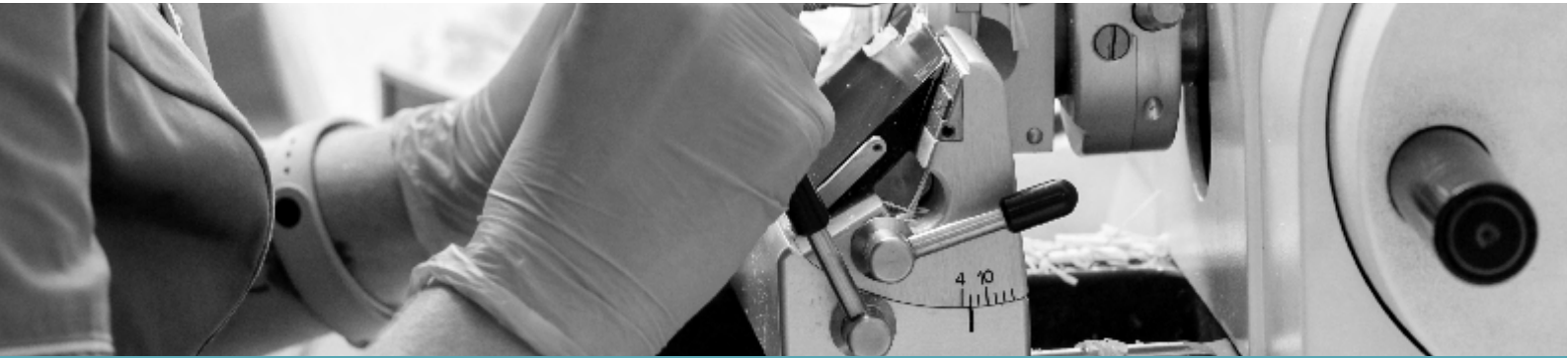
Fully automatic cryostat microtome is used for cutting Tissues at Low Temperature.

TECHNICAL SPECIFICATION

Type of instruments: Freestanding cryostat with encapsulated, splash proof Rotary Microtome.

- > Type of microtome: Automatic microtome
- > Operation of microtome: "electronically controlled motorized"
- > Coarse feed- slow: 300 μ /s, 20 μ steps fast: 900 μ /s
- > Max specimen size: 55x55mm
- > Section cutting via hand both manual and motorized automatic
- > Provision of hand wheel: mechanical only
- > Chamber illumination light: bright white light
- > Chamber cooling: minus 35 $\pm$ degree
- > Specimen cooling temperature: - 45 $\pm$ 5 degree
- > Section thickness range in:
 - 1 to 100 1.0 μ m-0.5 μ m in 0.5 μ m step
 - 5.0 μ m-20.0 μ m in 1.0 μ m steps
 - 20.0 μ m-60.0 μ m in 5.0 μ m steps
 - 60.0 μ m-100.0 μ m in 10.0 μ m steps
- > Vertical stroke length in mm: 60mm $\pm$ 2
- > Horizontal feed range: 26 $\pm$ 2
- > Duration of the defrost cycle in minutes: 10
- > Power Supply: 230V, 50Hz Single phase





AUTOMATIC CRYOSTAT MICROTOME

Microprocessor Based

ALMICRO is continuously setting new standards in instrumentation with technically advanced and innovative products for application in specimen preparation. The ALMICRO automatic Tissue Processor perfectly blends modern technology with ergonomic user-friendly design concepts. With maximum focus on Tissue safety during the entire run cycle, based on a well-engineered and robust machine and an extremely versatile programming interface – the ALMICRO becomes a preferred choice for tissue processing.

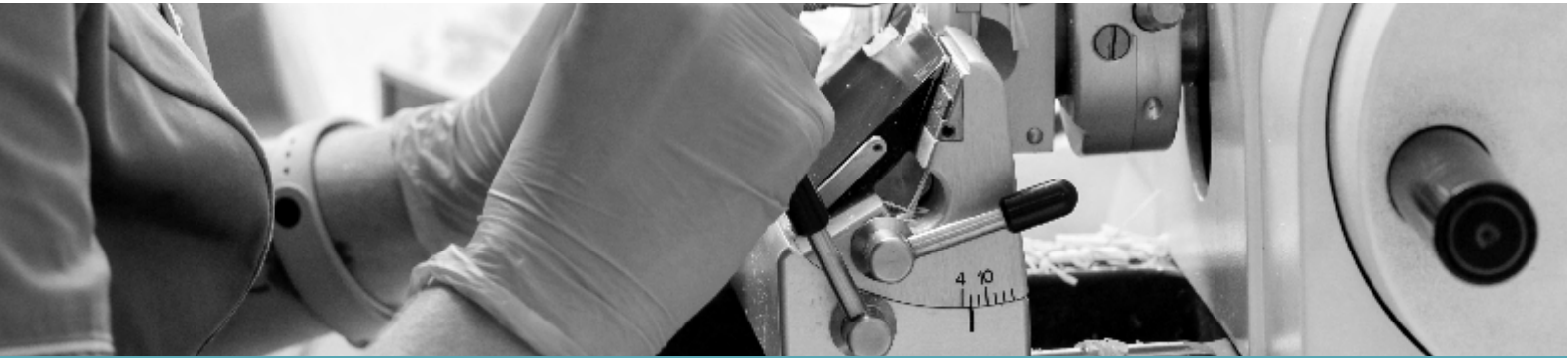
SALIENT FEATURES

- Carousel type with 12 stations
- Option: two basket loading
- Option: 2 litre capacity
- Tissue baskets made of SS
- Recessed control panel with LCD Display
- Infiltration time separately programmable for each station
- Delayed start function from 1 hour to 99 hours
- Possibility of interrupting an automatic process for reloading or removing cassettes for special applications before end of a run
- Easy editing and changing of programs, even during processing run
- Audible alarms, error messages and warning codes
- Advanced safety features
- Wide range of accessories

TECHNICAL SPECIFICATION

- * Provision of alarm or error messages
- * Sealed work surfaces
- * Wax flow control system
- * 3.0 liter paraffin tank
- * Four-position, integral forceps warming block
- * Ready to use with electrically heated forceps
- * Hot plate : 55° C to 70° C
- * Paraffin tank : 40° C to 70° C $\pm$ 1 ° C
- * Reduced cross contamination
- * Brightly lit orientation space for block preparation
- * Superior design & construction
- * One collection tank for easy cleaning
- * Flexible gooseneck magnifying glass
- * Cold plate : -15° C
- * Tissue storage : 40° C to 80° C
- * Power Supply : 220-230 V, 50 Hz. Ac





SLIDE STAINING MACHINE

Microprocessor Based

ASSM-105 is operated through a keyboard. The most advance SSM-17 to enhance control of different requirement in staining technique starting from the routine haematological techniques to the most advance of staining in cytology and histology. It cut down the time and labour required to manually dip the slides through different reagents.

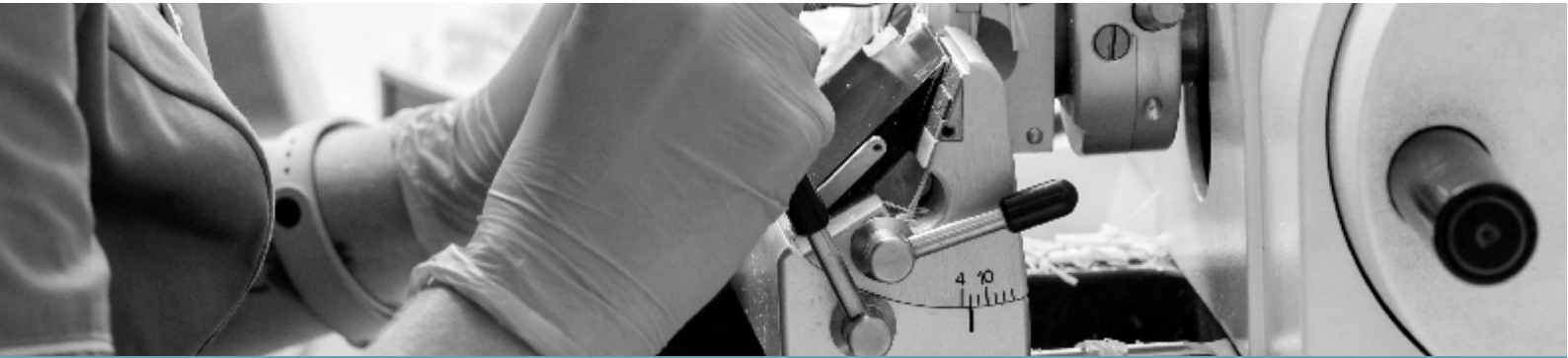
SALIENT FEATURES

FEATHER TOUCH KEYPAD
DIGITAL DISPLAY
BATTERY BACKUP TO RETAIN DATA
EASY OPERATED
COMPACT SIZE

TECHNICAL SPECIFICATION

- > Digital Display for adjusting the timing sequence
- > Battery backup to retain data
- > Durable construction
- > Twelve staining troughs
- > High Specimen Throughput
- > Easy operated and Easy Maintenance
- > Compact size
- > Maximum output by offering high specimen
- > Minimum reagent exposure
- > Easy Maintenance
- > Trough Volume- 450ml
- > Trough Capacity- 15 slides
- > Ideal for haematology and staining with 12 Glass staining trough, 1 slide carrier Dust cover, Oil can
- > Suitable for work on 220V, Single phase, 50Hz, AC supply





LINEAR SLIDE STAINING MACHINE

Microprocessor Based

Microprocessor Slide Staining Machine specially designed to meet all types of requirement in staining techniques starting from routine haematology techniques to the most advanced staining in cytology and histology.

- Automatic Slide Staining Machine with 12 stations, recommended for ("Haematology, staining blood films and bone marrow spreads etc;").
- A compact and rugged equipment designed on latest technology for automatic staining of slides in different reagents.
- The slides are Switch selectable for effective staining in a slide carrier (Capacity 16 slides).
- The last trough is provided with an inlet and outlet to enable washing of the residual chemicals.

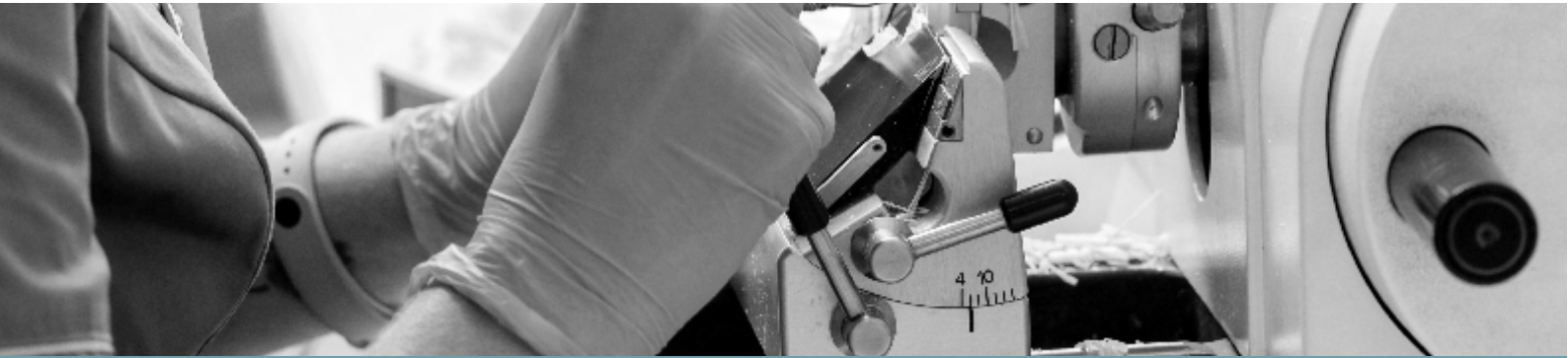
Key Features:

- Compact Bench Top Model.
- Perfect H&E Stainer for Routine Application.
- High Specimen Throughout.
- Minimum Reagent Exposure.
- Easy to Clean.
- Simple to operate.
- Highly recommended for Haematology and also for staining of Blood Films and Bone marrow spreads etc.

Technical Specifications:

Working	Automatic
Starting Troughs	12
Trough Capacity	16
Inlet outlet Trough	01
Slide carrier	01
Power Supply	220V, 50Hz





TISSUE EMBEDDING STATION

Microprocessor Based

We bring forth the TES500 Tissue Embedding Center that is clear and easy to operate. The TES500 has a high capacity module that is designed with temperature controllers, which can be adjusted, monitored and switched on & off independently. Besides this, the TES500 has an extra large work area and helps reduce constant shuffling of blocks between work areas in the lab. The TES500 has a modular design and identical working surface which permits to combine units in any configuration required for laboratory needs.

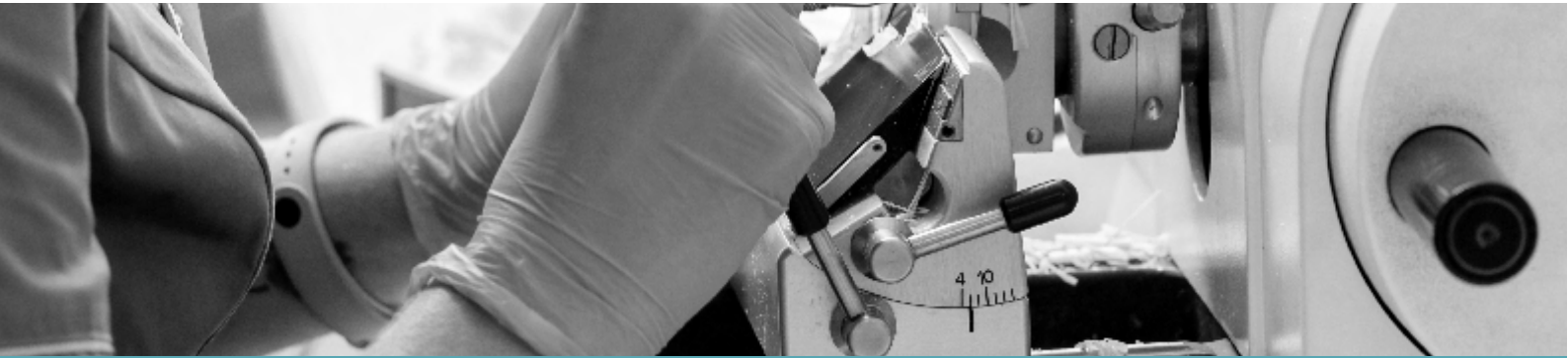
FEATURES

The TES500 is made up of an embedding machine, a freezing part and the fission body. The detachable design allows the user to flexibly select between an embedding machine or the freezing part. It can be opened agilely. It is leak -proof and drop-proof. The LCD display shows the temperatures of the paraffin bath, thermostatic bath and paraffin nozzle. It has a multi level security protection system.

TECHNICAL SPECIFICATION

- * Provision of alarm or error messages
- * Sealed work surfaces
- * Wax flow control system
- * 3.0 liter paraffin tank
- * Four-position, integral forceps warming block
- * Ready to use with electrically heated forceps
- * Hot plate : 55° C to 70° C
- * Paraffin tank : 40° C to 70° C +/-1 ° C
- * Reduced cross contamination
- * Brightly lit orientation space for block preparation
- * Superior design & construction
- * One collection tank for easy cleaning
- * Flexible gooseneck magnifying glass
- * Cold plate : -15° C
- * Tissue storage : 40° C to 80° C
- * Power Supply : 220-230 V, 50 Hz. Ac





COLD PLATE

Microprocessor Based

Cold Plate allows for fast and efficient cooling of paraffin blocks after embedding and prior to sectioning. The cooling plate temperature range goes as low as -15°C and has the capacity to cool up to 80 cassettes at a time.

The compressor-cooled cooling area made of anodized aluminium; guarantees a homogeneous temperature distribution and is easy to clean.

ADDITIONAL FEATURES

- Spacious cooling plate for up to 80 cassettes
- Cooling plate temperature range goes as low as -15°
- Programmable operating times

TECHNICAL SPECIFICATION

Quick specimen cooling
Capacity to holds up to 100 cassettes on its larger working surface.

Better cooling with Teflon coating.
Environment friendly refrigerant.
Temperature: -10/20°C
Cassettes capacity: 100
Voltage: Ac 110V/ 220V @ 60Hz/ 50Hz
Dimensions: 790x480x470mm



TISSUE FLOTATION BATH

ATF-01

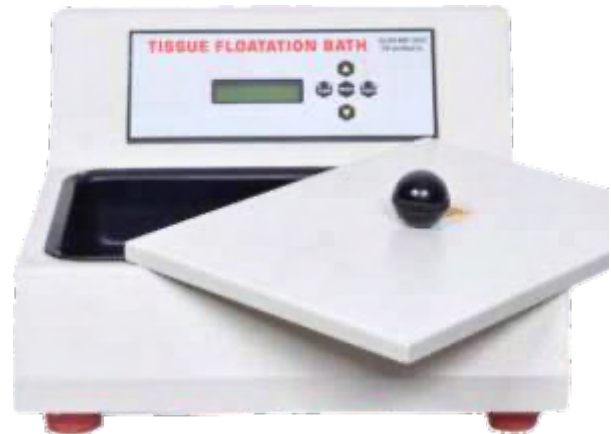
Tissue Floatation Bath, incorporates a feather touch keypad with LCD Display for setting the Water Bath, built-in memory for storing set temperatures, incorporated SMART LED lighting, removable borosilicate tray which can be easily cleaned. Precise temperature control through directly immersed probe. Corrosion resistant material for durability.

Technical Specifications:

Temperature Range : ambient to 90°C
 Temperature Tolerance: + 1°C
 With Glass Dish & LED light

Water Bath

Dimensions Inner (mm) 238 x 180
 Power 200VA



WAX BATH

AWB-03

It incorporates a feather touch keypad with LCD Display for setting the Water Bath. Precise temperature control. Corrosion resistant material.

Technical Specifications:

Temperature Range : ambient to 90°C
 Temperature Tolerance: + 1°C
 With Glass Dish & LED light

Water Bath

Dimensions Inner (mm) 238 x 180
 Power 200VA



TISSUE FLOTATION BATH

ATF-01

Our Paraffin Dispenser offers a built-in solid paraffin separator, to prevent the dispenser nozzle from becoming clogged by solid or semi-solid paraffin your precious glass slides

Paraffin is dispensed through heated dispenser nozzles and the flow rate can be easily regulated as required to ensure trouble free paraffin dispensing in every type of working situation.

The digital display supports precise temperature regulation unequalled by other instruments available on the market.

Function/Parameter

Environment of user

Technical Data

- Clean, dry and ventilated
- Stable work surface
- Relative humidity <-80%

Ambient Temperature

+50C~400C

Power

300W

Applicable Voltage

220AC

Heating Range

Room Temperature up to 1000C

Setting Time Range

1-999min

Maximum Capacity

5 Litre

Dimensions (machine)

24*12*12 inches

Net Weight

19 kgs

Dimensions (package)

28*16*25 inches

Gross Weight

40 kgs



SLIDE STORAGE CABINETS

Almicro specializes in crafting versatile storage solutions, offering a range of slide and block storage cabinets in stainless steel (SS), mild steel (MS), and wooden variants.

These cabinets cater to diverse needs, seamlessly blending durability and aesthetics. The stainless steel cabinets ensure resilience against corrosion, making them ideal for sterile environments.

Mild steel cabinets provide robustness while being cost-effective, suitable for various industrial settings.

Wooden cabinets exude a classic charm while offering functional storage.

Almicro's expertise lies in creating these cabinets with precision engineering, allowing for efficient organization and easy access.

Tailored to client preferences, Almicro cabinets stand as a testament to innovation and quality.



GROSSING WORK STATION

GS-21

Grossing station for Medium & Large Labs comes with higher suction capacity, Ergonomically Designed with adjustable features that assist in high Productivity grossing as well as protects the user from inhaling harmful formalin fumes.

TECHNICAL SPECIFICATION

- > The cabinet is of seamless stainless steel 304 grade of 1mm medical grade framework and designed for enough working space, maintenance and cleaning is easy.
- > Exhaust Duct with high-speed fan for connection to building ventilation system with Back
- > Weighing Scale washable attached to measure organs up to 2 KG
- > Rulers for measurement Stainless Steel
- > Combination of yellow and white LED lights for minimizing reflection and better viewing
- > Size-60x42x70"
- > Built-in germicidal UV tube
- > Large Deep sink system
- > Magnetic Tool Bar for attaching the Grossing
- > Non-Breakable Polythene Dissecting
- > C-shaped Stainless Steel paper-roll/towel Shelves for storage
- > DIGITAL CURRENT PROTECTION RELAY with trip time setting, 3 digit LCD with backlight, monitor current consumption and power inlet for safety
- > Power sockets for plugging of additional appliances like weighing scale, bone saw, camera
- > One pull-out faucet of 1.5 meters with an aerator for washing and cleaning the sample and grossing area.
- > Swan neck tap with wrist operated levers for hand wash, tap with aerator for washing small biopsy drain mesh with water
- > Water proof IP 68 controls/ switches and electrical.



Microtome & Cryostat Blades

Created with microtomists for microtomists, we offer a wide variety of products for both microtomes and cryostats. Almicro blades will help you consistently produce great sections from hard, soft, or frozen specimens.



Heavy Duty Disposable Blades – Coated Steel

It features a special steel coating to avoid any compression of sections.

It comes in a package of 10 blades with a cutting angle of 45°



Quick Release Clamp

Fix cassettes or embedding rings both longitudinally and horizontally, with orientation on X-, Y-, and Z-axes using our Quick Release Clamp.



Tissue Embedding Cassettes Embedded Ring

Almicro excels in supplying a wide array of Tissue Embedding Cassettes and Embedded Rings, available in both plastic and steel options. These high-quality products facilitate seamless specimen preparation and processing in laboratories. Almicro's commitment to innovation and reliability is evident in its comprehensive range of offerings, catering to diverse laboratory needs.





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