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Meroscope Catalogue

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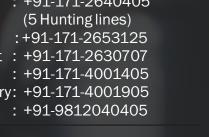
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SMC-40124 MICROSCOPE COMPOUND JUNIOR MODEL

Stable and Robust Small Sized Monocular Tube inclinable up to 90°m Mechanical Tube length 160 mm with base Triple revolving nosepiece with positive centering & click stops. Fixed Condenser ,Bright field, Abbe, N.A. 1.25 with iris diaphragm . Separate knobs are provided for coarse and fine focusing adjustments. Coarse adjustment can be made through Rack- Pinion ILLUMINATION Plano-Concave Mirror diameter 50 mm mounted on gimble mount. Achromatic 10 X, 45X, SL. Huygenian Eyepiece 10X & 15X Vinyl Cover, Duster Metallic Black , White Or Silver In full moulded Styrofoam Container.

SMC-40125 MICROSCOPE COMPOUND SENIOR MODEL

| STAND | Stable and Robust |
|--------------|---|
| BODY | Big sized body ,Monocular Tube inclinable up to 90°m Mechanical Tube |
| | length 160 mm. with heavy base |
| NOSEPIECE | Triple revolving nosepiece with positive centering & click stops. |
| CONDENSER | Fixed Condenser ,Bright field, Abbe, N.A. 1.25 with iris diaphragm . |
| FOCUSING | Separate knobs are provided for coarse and fine focusing adjustments. |
| | Coarse adjustment can be made through Rack- Pinion |
| ILLUMINATION | Plano-Concave Mirror diameter 50 mm mounted on gimble mount. |
| OBJECTIVES | Achromatic 10 X, 45X, SL . |
| EYEPIECES | Huygenian 10X & 15X |
| ACCESSORIES | Vinyl Cover, Duster |
| COLORS | Metallic Black , White Or Silver |
| PACKING | In full moulded Styrofoam Container. |
| | |

SMC-40126

COLORS

PACKING

STAND

BODY

NOSEPIECE

FOCUSING

OBJECTIVES

ACCESSORIES

EYEPIECES

COLORS PACKING

CONDENSER





Sterli

| STAND | Stable and Robust |
|---|---|
| BODY | Monocular Tube inclinable up to 90°m Mechanical Tube length 160 mm. |
| NOSEPIECE | Quadruple revolving nosepiece with positive centering & click stops. |
| CONDENSER | Movable Bright field, Abbe, N.A. 1.25 with iris diaphragm and swing out |
| | filter holder can be moved through rack-pinion. The condenser Unit |
| | incorporates high efficiency optical system for optimum utilization of |
| | light from low to high magnification. |
| FOCUSING | Separate knobs are provided for coarse and fine focusing adjustments. |
| | Coarse adjustment can be made through Rack- Pinion and fine |
| | movement by screw-lever mechanism having a knob on right side. |
| SAFETY DEVICE | Adjustable down stopper for preventing accidental damage to slides. |
| ILLUMINATION | Plano-Concave Mirror diameter 50 mm mounted on gimble mount. |
| LED ILLUMINATION Equiped With LED Illumination Operated on Battery. | |
| OBJECTIVES | Achromatic 10 X, 45X, SL . |
| EYEPIECES | wide field 10X & Huygenian 15X |
| ACCESSORIES | Vinyl Cover, Duster |

Vinyl Cover, Duster Mettalic Black, White Or Silver In full moulded Styrofoam Container.

LED ILLUMINATION

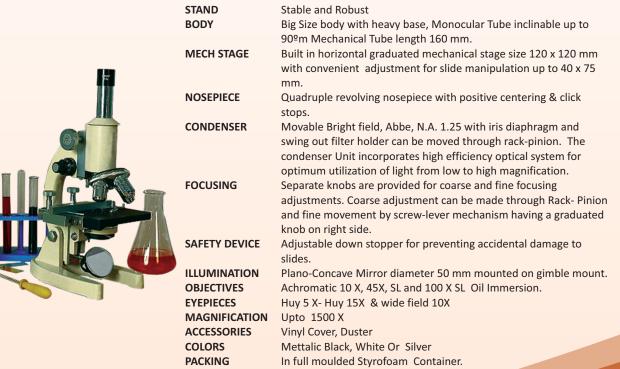
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SMC-40127 **MICROSCOPE MEDICAL WITH LED ILLUMINATION**

| STAND | Stable and Robust |
|-----------------|---|
| BODY | Monocular Tube inclinable up to 90°m Mechanical Tube length 160 mm. |
| MECH STAGE | Built in horizontal graduated mechanical stage size 120 x 120 mm |
| | with convenient adjustment for slide manipulation up to 40 x 75 mm. |
| NOSEPIECE | Quadruple revolving nosepiece with positive centering & click stops. |
| CONDENSER | Movable Bright field, Abbe, N.A. 1.25 with iris diaphragm and swing out |
| | filter holder can be moved through rack-pinion. The condenser Unit |
| | incorporates high efficiency optical system for optimum utilization of |
| | light from low to high magnification. |
| FOCUSSING | Separate knobs are provided for coarse and fine focusing adjustments. |
| | Coarse adjustment can be made through Rack- Pinion and fine |
| | movement by screw-lever mechanism having a graduated knob on right side. |
| SAFETY DEVICE | Adjustable down stopper for preventing accidental damage to slides. |
| ILLUMINATION | Plano-Concave Mirror diameter 50 mm mounted on gimble mount. |
| LED ILLUMINATIO | ${f N}$ Equiped With LED Illumination With Thermostatic control Operated on |
| | Battery. |
| OBJECTIVES | Achromatic 10 X, 45X, SL and 100 X SL Oil Immersion. |
| EYEPIECES | Huy 5 X- & wide field 10X |
| ACCESSORIES | Vinyl Cover, Duster |
| COLOURS | Mettalic Black, White Or Silver |
| PACKING | In full moulded Styrofoam Container. |
| | |



SMC-40128 MICROSCOPE PATHOLOGICAL





2



SMC-40130 PROJECTION MICROSCOPE

Very Convenient Potable model for teaching in class or presentation, The projection of micro-slides can be observed by a group of students on a round screen of 150 mm diameter. Microscope is equipped with triple revolving nosepiece, coarse and fine motion knobs. Bulb Halogen 6V-20 Watts. Built-in base transformer, solid-state, variable.

| STAND |
|---------------|
| MECH STAGE |
| |
| NOSEPIECE |
| OBJECTIVES |
| EYEPIECE |
| MAGNIFICATION |
| COLORS |
| PACKING |

Stable and Robust Heavy stable Base Built in horizontal graduated mechanical stage size 120 x 120 mm with convenient adjustment for slide manipulation up to 40 x 75 mm Triple revolving nosepiece Achromatic 4x, 10x & 40x SL Huy 10x & 15x 600 mm on screen Metallic Black, White Or Silver In full Moulded Styrofoam Container.

SMC-40132 DISSECTION MICROSCOPE JUNIOR

Portable Model Ideal for close study of small organisms and fine dissection work. The high-eyepoint lenses have alternative use on a jointed arm allowing the whole stage area to be scanned

| BODY/STAND | Stable and Robust Heavy stable round Base |
|------------|---|
| EYEPIECE | Huy 10x & 20x |
| STAGE SIZE | 85 mm x 75 mm Provided with Glass plate |
| COLOURS | White Or Silver |
| PACKING | In full moulded Styrofoam Container |





SMC-40138 STEREO MICROSCOPE VERTICAL JUNIOR

BODY/STAND OBJECTIVE EYE PIECE COLOR MAGNIFICATION PACKING Stable and Robust Heavy stable Base Fixed 2X WF 10x Pair White 20X Styrofoam case

SMC-40139

STEREO MICROSCOPE VERTICAL SENIOR

BODY/STANDStable and Robust Heavy stable BaseOBJECTIVEFixed 2XEYE PIECEWF 10x PairILLUMINATIONBuilt in Light-in LED light baseCOLORWhiteMAGNIFICATION20XPACKINGIn full moulded Styrofoam Container





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SMC-40140 STEREO MICROSCOPE VERTICAL JUNIOR WITH EXTENSION PILLAR

| BODY/STAND | Stable and Robust Heavy stable Base |
|---------------|-------------------------------------|
| OBJECTIVE | Fixed 2X |
| EYE PIECE | WF 10x Pair |
| COLOUR | White |
| MAGNIFICATION | 20X |
| PACKING | Styrofoam case |





SMC-40142

BODY/STANDStabOBJECTIVEFixedEYE PIECEWF 3ILLUMINATIONBuiltCOLOURWhitMAGNIFICATION20XPACKINGIn fut

Stable and Robust Heavy stable Base Fixed 2X WF 10x Pair Built in Light-in Dual LED light base White 20X In full moulded Styrofoam Container

WITH EXTENSION PILLAR

STEREO MICROSCOPE VERTICAL SENIOR

SMC-40143 STEREO MICROSCOPE VERTICAL SENIOR WITH EXTENSION PILLAR & INCIDENT LIGHT

| BODY/STAND OBJECTIVE | Stable and Robust Heavy stable Base Fixed 2X |
|-------------------------|---|
| EYE PIECE | WF 10x Pair |
| ILLUMINATION | Incident LED light base |
| COLOR | White |
| MAGNIFICATION | 20X |
| PACKING | In full moulded Styrofoam Container |







SMC-40144 STEREO MICROSCOPE VERTICAL SENIOR WITH TRANS – ILLUMINATION BASE

BODY/STAND OBJECTIVE EYE PIECE ILLUMINATION COLOUR MAGNIFICATION PACKING Stable and Robust Heavy stable Base Fixed 2X WF 10x Pair Trans -illumination Base with Hand rest White 20X In full moulded Styrofoam Container

SMC-40146 STEREO INCLINED MICROSCOPE

| BODY/STAND OBJECTIVE | Stable and Robust Heavy stable Base Fixed 2X |
|-------------------------|---|
| FYF PIFCF | WF 10x Pair |
| COLOR | White |
| MAGNIFICATION | 20X |
| PACKING | In full moulded Styrofoam Container |
| FACKING | |





SMC-40147

BODY/STAND St OBJECTIVE Fi EYE PIECE W COLOR W ILLUMINATION W MAGNIFICATION 20 PACKING In

17 STEREO INCLINED MICROSCOPE WITH BUILT IN LED LIGHT

Stable and Robust Heavy stable Base Fixed 2X WF 10x Pair White with built in LED light base V 20X In full moulded Styrofoam Container

SMC-40148 STEREO INCLINED MICROSCOPE

WITH EXTENSION PILLAR

BODY/STANDStable and Robust Heavy stable BaseOBJECTIVEFixed 2XEYE PIECEWF 10x PairCOLOURWhiteMAGNIFICATION20XPACKINGIn full moulded Styrofoam Container





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SMC-40149 **STEREO INCLINED MICROSCOPE**

WITH EXTENSION PILLAR

| BODY/STAND | Stable and Robust Heavy stable Base |
|---------------|-------------------------------------|
| OBJECTIVE | Fixed 2X |
| EYE PIECE | WF 10x Pair |
| COLOUR | White |
| ILLUMINATION | with Dual LED light |
| MAGNIFICATION | 20X |
| PACKING | In full moulded Styrofoam Container |
| | |





SMC-40150 **STEREO INCLINED MICROSCOPE**

BODY/STAND OBJECTIVE EYE PIECE COLOUR MAGNIFICATION PACKING

Stable and Robust Heavy stable transmission Base Sliding 2X & 4X WF 10x Pair White 20X & 40X In full moulded Styrofoam Container

STEREO INCLINED MICROSCOPE SMC-40151 DUAL LIGHT

BODY/STAND Stable and Robust Heavy stable Base OBJECTIVE Sliding 2X & 4X WF 10x Pair EYE PIECE COLOUR White ILLUMINATION with Dual LED light MAGNIFICATION 20X & 40X PACKING In full moulded Styrofoam Container





SMC-40152

STEREO INCLINED MICROSCOPE BUILT IN LIGHT BASE

BODY/STAND OBJECTIVE EYE PIECE COLOUR ILLUMINATION MAGNIFICATION PACKING

Stable and Robust Heavy stable Base Sliding 2X & 4X WF 10x Pair White with built in light base 20X & 40X In full moulded Styrofoam Container





SMC-40153 STEREO INCLINED MICROSCOPE

BODY/STANDStOBJECTIVETuEYE PIECEWCOLORWMAGNIFICATION20PACKINGIn

Stable and Robust Heavy stable transmission Base Turrent Mount 2X & 4X WF 10x Pair White 20X & 40X In full moulded Styrofoam Container

SMC-40154

STEREO INCLINED MICROSCOPE DUAL LIGHT

| Base |
|------|
| |
| |
| |
| |
| |
| |
| |





SMC-40155 STEREO INCLINED MICROSCOPE

BODY/STAND

OBJECTIVE EYE PIECE COLOR MAGNIFICATION PACKING

.

Stable and Robust Heavy stable Large metal Base with horizontal & vertical Movement with ring light Turrent Mount 2X & 4X WF 10x Pair White 20X & 40X In full moulded Styrofoam Container

SMC-40156 STEREO INCLINED MICROSCOPE

WITH EXTENSION PILLAR

BODY/STANDStable and Robust Heavy stable Large metal BaseOBJECTIVETurrent Mount 2X & 4XEYE PIECEWF 10x PairCOLORWhiteMAGNIFICATION20X & 40XPACKINGIn full moulded Styrofoam Container





SMC-40158 STEREO INCLINED MICROSCOPE

WITH CAMERA WITH EXTENSION PILLAR WITH CAMERA

| BODY/STAND | Stable and Robust Heavy stable Large metal Base |
|---------------|---|
| OBJECTIVE | Turrent Mount 2X & 4X |
| EYE PIECE | WF 10x Pair |
| COLOR | White |
| MAGNIFICATION | 20X & 40X |
| PACKING | In full moulded Styrofoam Container |







SMC-40160

BODY/STAND OBJECTIVE EYE PIECE COLOR MAGNIFICATION PACKING

50 STEREOSCOPIC INCLINED MICROSCOPE WITH EXTENSION PILLAR WITH RING LIGHT

Stable and Robust Heavy stable Large metal Base Turrent Mount 2X & 4X WF 10x Pair White 20X & 40X In full moulded Styrofoam Container

SMC-40165 COAXIAL RESEARCH MICROSCOPE SENIOR MODEL

| Viewing Head | : Binocular / Trinocular 45° rotatable 360° | |
|--|---|--|
| Eyepiece | : Wide Field Eyepiece 10X | |
| Objectives | : Anti-Fungal Achromatic Objectives 4X, 10X, 40X & 100X | |
| Nosepiece | : Quadruple Nosepiece | |
| Mechanical Stage : Coaxial Double Layer Mechanical Stage | | |
| Focusing Range | : Coaxial coarse and fine adjustment | |
| Illumination | : 6V 20W Halogen Lamp or LED, Brightness Adjustable. | |
| Packing | : Styrofoam Moulded case | |

SMC-40165.1COAXIAL RESEARCH MICROSCOPEBINOCULARSMC-40165.2COAXIAL RESEARCH MICROSCOPETRINOCULAR

OPTIONAL ACCESSORIES

SMC-40165.3 PHASE CONTRAST ATTACHMENT





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| SMC-40167 | COAXIAL RESEARCH MICROSCOPE JUNIOR MODEL | |
|--|---|--|
| Viewing Head | : Binocular / Trinocular 45° rotatable 360° | |
| Eyepiece | : Wide Field Eyepiece 10X | |
| Objectives | : Anti-Fungal Achromatic Objectives 4X, 10X, 40X & 100X | |
| Nosepiece | : Quadruple Nosepiece | |
| Mechanical Stage: Coaxial Mechanical Stage | | |
| Focusing Range | : Coaxial coarse and fine adjustment | |
| Illumination | : 6V 20W Halogen Lamp or LED or Battery Backup, | |
| | Brightness Adjustable. | |
| Packing | : Styrofoam Moulded case | |
| SMC-40167.1 | COAXIAL RESEARCH MICROSCOPE MONOCULAR | |

OPTIONAL ACCESSORIES

| SMC-40167.4 | 30° HEAD ROTATABLE 360°, |
|-------------|--|
| SMC-40167.5 | DIGITAL USB CAMERA 5 M.P. |
| SMC-40167.6 | HD CAMERA 5 M.P. HDMI-WIFI WITH IMAGE ANALYSIS |
| | SOFTWARE |
| SMC-40167.7 | HD CAMERA 2 M.P WITH 11" HD DISPLAY SCREEN |

COAXIAL RESEARCH MICROSCOPE BINOCULAR

COAXIAL RESEARCH MICROSCOPE TRINOCULAR

SMC-40169 **COAXIAL RESEARCH MICROSCOPE** WITH 45 DEGREE HEAD

| Body | : C- Shape Body Open from Back to Carry and view Objectives, Reverse Quadruple Turret. |
|------------------|---|
| Deee | |
| Base | : T- Shape Base for Hand Rest both Sides below the Focusing |
| | knobs |
| Viewing Head | : Binocular / Trinocular 45° Head, IPD 55-75mm |
| Eyepiece | : Wide Field Eyepiece WF10X/18mm |
| Objectives | : Achromatic Objectives 4X, 10X, 40X & 100X (Oil Immersion) |
| Mechanical Stage | : Double Layer Mechanical Stage 132X142mm/75X40mm, |
| | Double Slide Holder |
| Focusing Range | : Coaxial coarse and fine Motion (Fine Division 0.002mm) |
| Illumination | : Illumination 3 Watt LED or 6V 20W Halogen Lamp Brightness |
| | Adjustable. |
| Packing | : Styrofoam Moulded case |
| 0 | |

OPTIONAL ACCESSORIES

| SEMI PLAN OR PLAN DIN OBJECTIVES SET. |
|--|
| LED BATTERY BACKUP |
| WIDE FIELD EYEPIECE 10X/20MM |
| DIGITAL USB CAMERA 5 M .P. |
| HD CAMERA 5 M.P. HDMI-WIFI WITH SOFTWARE |
| 2 M.P HD CAMERA & HD DISPLAY SCREEN |
| |





SMC-40172 COAXIAL RESEARCH MICROSCOPE

| | BINOCULAR ADVANCED MODEL |
|------------------|--|
| Viewing Head | : Binocular 30° Head, IPD 55-75 mm |
| Eyepiece | : Wide Field Eyepiece 10X/18mm |
| Objectives | : Anti-Fungal Achromatic DIN Objectives 4X, 10X, 40X & 100X |
| | (oil Immersion) |
| Nosepiece | : Quadruple Reverse Nosepiece (Turret) |
| Mechanical Stage | : Double layer 140 x 140 mm/75x50mm Double slide holder |
| Condenser | : N.A. 1.25 abbe Condenser with Iris Diaphragm & Filter |
| Focusing Range | : Smooth Coaxial coarse and fine motion |
| Illumination | : 6V 20W Halogen Lamp or 3 W LED or Battery Backup, Brightness |
| | Adjustable. |
| Packing | : Styrofoam Moulded case |





SMC-40173 COAXIAL RESEARCH MICROSCOPE TRINOCULAR ADVANCED MODEL

| Viewing Head | : Trinocular 30° Head, IPD 55-75 mm |
|------------------|---|
| Eyepiece | : Wide Field Eyepiece 10X/18mm |
| Objectives | : Anti-Fungal Achromatic DIN Objectives 4X, 10X, 40X & 100X |
| | (oil Immersion) |
| Nosepiece | : Quadruple Reverse Nosepiece (Turret) |
| Mechanical Stage | : Double layer 140 x 140 mm/75x50mm Double slide holder |
| Condenser | : N.A. 1.25 abbe Condenser with Iris Diaphragm & Filter |
| Focusing Range | : Smooth Coaxial coarse and fine motion |
| Illumination | : 6V 20W Halogen Lamp or 3 W LED or Battery Backup, |
| | Brightness Adjustable. |
| Packing | : Styrofoam Moulded case |

SMC-40175 COAXIAL RESEARCH MICROSCOPE ADVANCED RESEARCH MODEL

| Viewing Head | : Binocular 30° Head, IPD 55-75 mm | |
|------------------|---|------|
| Eyepiece | : Wide Field Eyepiece 10X/18mm | |
| Objectives | : Anti-Fungal Achromatic DIN Objectives 4X, 10X, 40X & 100X (oil Immersion) | |
| Nosepiece | : Quadruple Reverse Nosepiece (Turret) | |
| Mechanical Stage | : Double layer 140 x 140 mm/75x50mm Double slide holder | |
| Condenser | : N.A. 1.25 abbe Condenser with Iris Diaphragm & Filter | |
| Focusing Range | : Smooth Coaxial coarse and fine motion | |
| Illumination | : 6V 20W Halogen Lamp or 3 W LED or Battery Backup, Brightness Adjustable. | ter. |
| Packing | : Styrofoam Moulded case | 1 |
| | | |

OPTIONAL ACCESSORIES

| SMC-40175.2 | FLUORESCENT ATTACHMENT (BLUE & GREEN FLUORESCENT FILTER 100 WHBO). |
|-------------|--|
| SMC-40175.3 | PHASE CONTRAST ATTACHMENT |
| SMC-40175.4 | DARK FIELD ATTACHMENT WITH 100X OBJECTIVE |
| SMC-40175.5 | DIGITAL USB CAMERA 5 M .P. |
| SMC-40175.6 | HD CAMERA 5 M.P. HDMI-WIFI WITH SOFTWARE |
| SMC-40175.7 | 2 M.P HD CAMERA & HD DISPLAY SCREEN |
| SMC-40175.8 | LED ILLUMINATION: RECHARGEABLE BATTERY BACK UP MORE THAN 50 HOURS |
| SMC-40175.9 | ELECTRIC GREEN POINTER ATTACHMENT |
| | |







SMC-40177

COAXIAL RESEARCH MICROSCOPE UNIVERSAL INFINITE OPTICAL SYSTEM

| Viewing Head | : Binocular /Trinocular Viewing Head, Inclined At 30° Interpupillary 48mm-75mm |
|------------------|--|
| Eyepiece | : Wide Field Eyepiece WF10X/F.N.22mm. |
| Objectives | : Infinite High Contrast Plan Achromatic Objectives 4x, 10x, 40x, 100x |
| Nosepiece | : Backward Quarduple Nosepiece above with Filter Slot |
| Mechanical Stage | : Double Layer Mechanical Stage 179X158mm, Moving Range 79mmX50mm, |
| | Double Slide Holder |
| Condenser | : N.A1.25 Kohler Illumination Condenser with Diaphragm |
| Focusing Range | : Coaxial coarse and fine motion, Fine Division 0.002mm. |
| Illumination | : Kohler Illumination High Brightness Adjustable 3W LED & Chord Rest on Back |
| | with Hand Space for Carrying Microscope Comfortabely. |
| Packing | : Styrofoam Moulded case |
| | |
| SMC-40177.1 | COAXIAL RESEARCH MICROSCOPE BINOCULAR |
| SMC-40177.2 | COAXIAL RESEARCH MICROSCOPE TRINOCULAR |

OPTIONAL ACCESSORIES

| OI HONAL ACCESS | ONES |
|-----------------|--|
| SMC-40177.3 | CERAMIC COATED STAGE |
| SMC-40177.4 | DARK FIELD or PHASE CONTRAST ATTACHMENT |
| SMC-40177.5 | DIGITAL USB CAMERA 5 M .P. |
| SMC-40177.6 | HD CAMERA 5 M.P. HDMI-WIFI WITH SOFTWARE |
| SMC-40177.7 | 2 M.P HD CAMERA & HD DISPLAY SCREEN,LCD SCREEN & HDMI CAMERA |
| | |

SMC-40180 INCLINED BINOCULAR MICROSCOPE

| Viewing Head | : Binocular 45° rotatable 360° |
|------------------|---|
| Eyepiece | : Wide Field Eyepiece 10x |
| Objectives | : Achromatic Objectives 4X, 10X, 40X & 100X |
| Nosepiece | : Quadruple Nosepiece |
| Mechanical Stage | : Graduated Coaxial Mechanical Stage |
| Focusing Range | : Separate Coarse and fine adjustment |
| Illumination | : 6V 20W LED or Halogen Lamp or Battery Backup, Brightness adjustable |
| Packing | : Styrofoam Moulded case |

OPTIONAL ACCESSORIES

| SMC-40180.1 | DIGITAL USB CAMERA 5 M .P. |
|-------------|--|
| SMC-40180.2 | HD CAMERA 5 M.P. HDMI-WIFI WITH SOFTWARE |
| SMC-40180.3 | 2 M.P HD CAMERA & HD DISPLAY SCREEN |





SMC-40184

Viewing Head

Eyepiece

Objectives

Nosepiece

Condenser

Illumination

4 COAXIAL RESEARCH MICROSCOPE WITH HD CAMERA & HD DISPLAY SCREEN

BINOCULAR WITH LCD DISPLAY (SMC-40190)

- : Binocular 30° Head, IPD 55-75 mm
- : Wide field Eyepiece WF 10X/18 mm
- : Anti-Fungal Achromatic DIN Objectives 4X, 10X, 40X & 100X (Oil Immersion)
- : Quadruple Reverse Nosepiece (Turret)
- : Double Layer 140x140 mm/ 75x50 mm DOUBLE SLIDE HOLDER
- : NA1.25 Abbe Condenser with Iris Diaphragm & Filter
- : Smooth Coaxial Coarse and fine Motion
- : 6V 20W Halogen Lamp or 3W LED, Brightness Adjustable : Styrofoam Moulded case
- Packing

Mechanical Stage

Focusing Range

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SMC-40185 COAXIAL RESEARCH MICROSCOPE WITH HD

Viewing Head Eyepiece Objectives

Nosepiece Condenser Focusing Range Illumination Packing

CAMERA & HD DISPLAY SCREEN TRINOCULAR WITH LCD DISPLAY (SMC-40190) : Trinocular 30° Head, IPD 55-75 mm : Wide field Eyepiece WF 10X/18 mm : Anti-Fungal Achromatic DIN Objectives 4X, 10X, 40X & 100X (Oil Immersion) : Quadruple Reverse Nosepiece (Turret) Mechanical Stage : Double Layer 140x140 mm/ 75x50 mm DOUBLE SLIDE HOLDER : NA1.25 Abbe Condenser with Iris Diaphragm & Filter : Smooth Coaxial Coarse and fine Motion : 6V 20W Halogen Lamp or 3W LED, Brightness Adjustable : Styrofoam Moulded case





SMC-40190 LCD CAMERA WITH DISPLAY

FEATURES:-

- **HDMI** Monitor
- Panasonic IPS LCD panel
- True 1080P
- High Contrast Ratio Up To 1000:1
- LED Backlight With 50000 Hours Long Life Time
- 11.6 Inch Active Area

DESCRIPTION:-

HDMI camera and can be used for high definition display. It adopts Panasonic IPS LCD panel (Super TFT) to guarantee the wide view angle and high contrast. COSHD2000LCD could make the imaging & display solution simple, flexible and intuitive.

SMC-40192 INVERTED BIOLOGICAL MICROSCOPE

| Viewing Head Eyepiece Objectives | : Trinocular head inclined at 30°, Interpupillary 48-75 mm : High-point, Extra wide field eyepiece EW 10X/22 : LWD Infinitive PLAN objective 4X/0.1 WD 18mm LWD Infinitive PLAN objective 40X/0.6 WD 2.6mm (Cover Glass 1.2mm) Infinitive PLAN PHASE objective PH 10X/0.25 WD 10mm |
|--|--|
| Nesser | Infinitive PLAN PHASE objective PH 20X/0.4 WD 5.1mm |
| Nosepiece | : Quintuple Nosepiece |
| Mechanical Stage | : Plain stage 160x250 mm, Glass insert, Auxiliary stages 70x180 mm |
| Condenser | : ELWD Condenser NA 0.3. LWD 72mm (Without condenser 150mm) |
| Focusing Range | : Coaxial coarse and fine adjustment, vertical objective movement |
| | Coarse stroke: 37.7mm per rotation, Fine stroke: 0.2mm per rotation |
| Illumination | : Halogen lamp 6V 30W |
| Filter | : Diameter 45mm, blue, green & ground glass |
| Packing | : Styrofoam Moulded case |

OPTIONAL ACCESSORIES

| SMC-40192.1 | FLUORESCENT ATTACHMENT, (COMPLETE INVERTED FLUORESCENT PHASE CONTRAST |
|-------------|--|
| | MICROSCOPE WITH MECHANICAL STAGE & 3 HOLDERS |
| SMC-40192.2 | ATTACHABLE MECHANICAL STAGE/RULER X-Y COAXIAL CONTROL, MOVING RANGE 120X78MM |
| SMC-40192.3 | TERASAKI HOLDER, Ø 38MM |
| SMC-40192.4 | PETRI DISH HOLDER, Ø 54MM |
| SMC-40192.5 | SIDE GLASS HOLDER |
| SMC-40192.6 | DIGITAL CAMERA WITH INBUILT USB PORT, |



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SMC-40195 INVERTED METTALURGICAL MICROSCOPE

Inverted Metallurgical Microscope is widely used in metallurgical structure analysis for Mechanical industry and Mineral research analysis of geology mineral resources department, and observation & measuring of Crystal, Integrated Circuits, and Microelectronics of electronic industry. It's also the first choice for the factories, colleges & universities, scientific institution and electronic industry. High quality and reliable optical system brings much clearer and contrast image. Novel and simplified figure craftsmanship keep abreast of times tidal current much more. Humanized configuration design and convenient operation, let you release from the pressure of heavy work.

| Viewing Head Eyepiece | : Compensation Free Trinocular Head, Inclined at 45° : WF10×/18mm WF10×/18mm, crosshair with reticule 0.1mm |
|--------------------------|--|
| Objectives | : DIN PLAN Metallurgical objectives: 4×/0.1W.D.25mm, |
| | 10×/0.25W.D.11mm, 20×/0.4W.D.9mm, 40×/0.6W.D.3.8mm、 |
| Stage | : Double layer mechanical stage, Stage Size: 172mm×142mm, Moving |
| Range: | 30mm×30mm |
| Filter | : Inserting type filter (green, blue, Yellow) |
| Focusing Range | : Coaxial coarse & fine focusing adjustment With rack and pinion |
| | mechanism Fine focusing scale value 0.002mm |
| Light source | : With aperture iris diaphragm and Field diaphragm, Halogen lamp |
| 12V/20W, AC85V-2 | 230V, Adjustable Brightness |
| Polarizing Device | : Analyzer rotatable 360°, both Polarizer and Analyzer can be moved |
| | out of the Light path |
| Packing | : Styrofoam Moulded case |
| | |

OPTIONAL ACCESSORIES

| SMC-40195.1 | PROFESSIONAL METALLURGICAL IMAGE ANALYSIS SOFTWARE |
|-------------|--|
| SMC-40195.2 | DIGITAL USB CAMERA 5 M.P |
| SMC-40195.3 | M.P. HD CAMERA & HD DISPLAY SCREEN |

SMC-40196 STERLING I SCOPE 7

DIGITAL MICROSCOPE WITH 175 MM LCD SCREEN

MOST ECONOMICAL MODEL DESIGNED FOR HIGH SCHOOL & SENIOR HIGH LEVEL SCHOOLS

SPECIFICATIONS:

All die cast Monocular stable inclinable body and horse shoe base, separates coarse & fine motion knobs, fixed eye-piece tube, rack and pinion motion, overall height 310mm approx., square stage 110x110mm, triple revolving nosepiece, coarse focusing by rack and pinion, fine motion by lever system, illumination controlled by iris-diaphragm and with movable condenser motion, with following optics.

Objectives10x and 45xEyepieces10x (H)PackingInThermo Cole/Styrofoam boxStageDetachable mechanical stageLampLED

The screen can be installed on the Monocular widely used in HD teaching, precision electronic assembling, QC scientific research work in medical, geologic, chemical, laboratory and Academic demonstration in Institutes, Schools, Colleges and Universities etc.

SPECIFICATION:-

Sterli

LCD Display Screen 7" approx. for Microscope, Brilliant and blur-free images, True color as same as Screen Specially designed and optimized for All-in-one Microscope with LCD screen. It can Capture Photo & Video, Preview, Storage, Playback, Cross bar etc.} Storage: Slot for micro SD Card Facility to transfer data directly to computer through USB port.

Special Features of Image Adjustment in

Brightness, Contrast, Saturation, Hue, Date/Time, Language, Rotate and many more





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SMC-40197 **STERLING I SCOPE 7**

MICROSCOPE WITH 175 MM LCD SCREEN

SPECIFICATION:-

LCD Display Screen 7" for Microscope. Brilliant and blur-free images, True color as same as Screen (i SCOPE 7) Specially designed and optimized for All-in-one Microscope with LCD screen (i SCOPE 7) i SCOPE 7 can Capture Photo & Video, Preview, Storage, Playback, Cross bar etc.} Storage: Slot for micro SD Card Facility to transfer data directly to computer through USB port.

Special Features of Image Adjustment in i SCOPE 7:-

Brightness, Contrast, Saturation, Hue, Date/Time, Language, Rotate and many more





info@sterlingco.com

SMC-40198

MICROSCOPE WITH 175 MM LCD SCREEN WITH COAXILA FINE FOCUSING

STERLING I SCOPE 7

SPECIFICATION:-

LCD Display Screen 7" for Microscope.

DIN Objectives,

Brilliant and blur-free images, True color as same as Screen (i SCOPE 7) Specially designed and optimized for All-in-one Microscope with LCD screen (i SCOPE 7) i SCOPE 7 can Capture Photo & Video, Preview, Storage, Playback, Cross bar etc.} Storage: Slot for micro SD Card Facility to transfer data directly to computer through USB port.

Special Features of Image Adjustment in i SCOPE 7:-Brightness, Contrast, Saturation, Hue, Date/Time, Language, Rotate and many more

SMC-40201 LED FLUORESCENT MICROSCOPE

| Optical System | : Universal Infinite Optical System | |
|------------------|---|---|
| Viewing Head | : Binocular Viewing Head, Inclined At 30° Interpupillary 48mm-75mm | |
| Eyepiece | : Wide Field Eyepiece WF10X/F.N.22mm | |
| Objectives | : Infinite High Contrast Plan Achromatic Objectives 4x, 10x, 40x, 100x | 2 |
| Nosepiece | : Backward Quarduple Nosepiece above with Filter Slot | |
| Mechanical Stage | : Double Layer Mechanical Stage 179X158mm, Moving Range | |
| | 79mmX50mm, Double Slide Holder | |
| Condenser | : N.A1.25 Kohler Illumination Condenser with Diaphragm | |
| Focusing Range | : Coaxial Coarse and Fine Adjustment, Fine Division 0.002mm. | |
| Illumination | : Transmitted: Kohler Illumination High Brightness Adjustable 3W LED & | |
| | Chord Rest on Back with Hand Space for Carrying Microscope | |
| | Comfortabely. Reflected: Epi-Fluorescent Illumination LED 3V/5W, AC85V- | |
| | 230V, Brightness adjustable | |
| Florescent Att. | : Blue Filter B Wave Band | |
| Packing | : Styrofoam Moulded case | |
| OPTIONAL ACCESS | ORIES | |
| SMC-40201.2 | CERAMIC COATED STAGE, | |
| SMC-40201.3 | QUINTUPLE NOSEPIECE, | |
| SMC-40201.4 | DARK FIELD OR PHASE CONTRAST ATTACHMENT, | |
| SMC-40201.5 | POLARISATION ATTACHMENT | |
| SMC-40201.6 | DIGITAL CAMERA | |
| SMC-40201.7 | IMAGE ANAYLSIS SOFTWARE | |
| SMC-40201.8 | BATTERY BACKUP ETC. | |
| | | |





SMC-40205

5 METALLURGICAL MICROSCOPE

Metallurgical Microscope is widely used for PCB board, LCD display and metal structure observation and inspection. With ingenious stand & convenient operation, it will be your best choice



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| /iewing Head | : Head 30° |
|--------------------------|--|
| yepiece | : WF 10X/18 |
| Dbjectives Achrom | natic : ANTI FUNGAL INFINITIVE PLAN OBJ. |
| X/0.1∞/- WD | 25.4 mm |
| .0X/0.25/∞/- WD | 0 11.0 mm |
| IOX/0.60/∞/0 WI | D 6.0 mm |
| losepiece | : Quintuple Nosepiece |
| Mechanical Stage | : Double layer mechanical stage, size 150x140 mm, Movement 75x50 mm |
| ocusing | : Coaxial coarse and fine adjustment, |
| | Coarse stroke: 37.7mm per rotation, Fine stroke: 0.2mm per rotation |
| llumination | : Kohler Illumination, Epi-Illuminator with iris aperture diaphragm and iris |
| | field diaphragm, 220V or 110V/6V 20W Halogen lamp, brightness |
| | adjustable (reflected system for metallurgical use) |
| ilter | : Blue, green, yellow, ground glass |
| Packing | : Styrofoam Moulded case |
| | |

SMC-40207 INCLINED MONOCULAR MICROSCOPE

| Viewing Head | : Monocular Head Inclined at 45° rotatable 360° |
|-------------------|---|
| Eyepiece | : Wide Field Eyepiece 10x |
| Objectives Achron | natic : Achromatic Objectives 4X, 10X, 40X & 100X. |
| Nosepiece | : Quintuple Nosepiece |
| Mechanical Stage | : Graduated Coaxial Mechanical Stage |
| Focusing | : Separate Coarse and fine adjustment |
| Illumination | : 6V 20W LED or Halogen Lamp or Battery Backup, Brightness adjustable |
| Packing | : Styrofoam Moulded case |



SMC-40210 PENTA HEAD MICROSCOPE

| Head | : 1 pc of Trinocular Head & 4 pcs. of Binocular Head 45° |
|------------------|--|
| Eyepiece | : 10 pcs. of Wide Field Eyepiece WF 10X |
| Objective | : Achromatic objective 4X, 10X, 40X (S), 100X (S, Oil) |
| Demo Indicator | : Demonstrating Indicator Green LED Pointer attachment with Illuminator of 6V / 3W |
| Mechanical Stage | : Single Layer 140x140mm/ 75x50mm |
| Condenser | : Abbe NA 1.25 condenser with Iris Diaphragm & Filter |
| Illumination | : LED Illumination or Halogen Lamp 110V or 220V/24V 100W |



SMC-40212 PENTA HEAD MICROSCOPE

| | ADVANCED MODEL |
|-------------------|--|
| Viewing Head | : Compensation Free Trinocular Head Inclined at 30o (50mm-75mm), |
| | Binocular head, interpupillary distance adjustable 50mm-75mm |
| Eyepiece | : Wide Field Eyepiece WF10X/F.N.20mm |
| Objectives Achron | natic : Infinity High Contrast Plan or semi plan Achromatic Objectives |
| | 4x, 10x, 40x, 100x |
| Nosepiece | : Backward Quadruple Nosepiece above With Filter Slot |
| Mechanical Stage | : Double layers mechanical stage, Stage size: 179mmx 158mm, Moving |
| | Range 79mmx50mm |
| Focusing | : Coaxial Coarse & Fine Focusing Adjustment, Fine Division 0.002mm |
| Illumination | : Kohler illumination with aperture iris diaphragm and field iris |
| | diaphragm, Halogen Bulb 12V/50W or LED, AC85V-230V, Brightness |
| | adjustable |
| Indicator | : LED cursor, brightness adjustable |
| Packing | : Styrofoam Moulded case |
| | |



SMC-40215 Viewing Head

Eyepiece

Objectives

Nosepiece

Condenser

Illumination

Focusing Polarizer

Packing

Analyzer

5 POLARIZING MICROSCOPE

- : Binocular Head 45°, 360° rotatable
- : Anti-Fungal Eyepiece WF10X
- : Anti-Fungal Achromatic Objective 4X, 10X, 40X
- : Quadruple Turret
- : Rotatable Analyzer with Graduation 0°-90°
- Bertrand Lens : Bertrand Lens, sliding in/out of optical path
- Optical Compensator: Slip (first class red), ¼ slip, Quartz Wedge

Revolving Round Stage: Diameter 135mm, 360° Rotatable & Graduated in 1° increments,

Minimum Resolution 6' when using vernier scale center adjustable

- : NA1.25 Abbe Condenser with Iris Diaphragm & Filter
- : Coaxial Coarse and fine Knobs
 - : Sliding in/out of optical path located on the top of collector
 - : 6v20w Halogen Lamp.
 - : Styrofoam Moulded case

SMC-40223 DIGITAL CMOS CAMERA EYEPIECE (USB)

DESCRIPTION:-

- Microscope eyepiece camera with 23.2 diameter and compact size.
- An extension of COSLAB'S camera with fixed reduction lens to ensure the full field of view of the microscope from the eyepiece can be imaged to the CMOS sensor.
- High-quality camera with Aptina CMOS sensor.
- Auto white balance and auto-exposure.
- Brightness, contrast, Chroma, and saturation can be adjusted.
- High-speed USB2.0 interface and high frame rate video display keep the screen smooth without interruption.
- With advanced video & image processing application.
- Providing Windows/Linux/Mac OS multiple platforms SDK.
- Native C/C++, C#/VB.NET, DirectShow, Twain Control API.

| OPERATING ENVIRONMENT | |
|-----------------------|--|
| Operating Temperature | -10 y- |
| Storage Temperature | -20 y- |
| Operating Humidity | 30~80%RH |
| Storage Humidity | 10~60%RH |
| Power Supply | DC 5V over PC USB Port |
| SOFTWARE ENVIRONMENT | |
| Operating System | Support Microsoft Windows XP / Vista / 7 /8 /10 (32 & 64 bit) OS X (Mac OS X), Linux |
| | CPU: Equal to Intel Core2 2.8GHz or Higher |
| | Memory: 2GB or More |
| PC Requirements | USB port: USB2.0 High -speed Port |
| | Display: 17" or Larger |
| | CD-BOM |





С

| COAXIAL RESEARCH MICROSCOPE COAXIAL RESEARCH MICROSCOPE ADVANCED RESEARCH MODEL COAXIAL RESEARCH MICROSCOPE JUNIOR MODEL COAXIAL RESEARCH MICROSCOPE SENIOR MODEL COAXIAL RESEARCH MICROSCOPE TRINOCULAR ADVANCED MODEL COAXIAL RESEARCH MICROSCOPE UNIVERSAL INFINITE OPTICAL SYSTEM COAXIAL RESEARCH MICROSCOPE WITH 45 DEGREE HEAD COAXIAL RESEARCH MICROSCOPE WITH HD CAMERA & HD DISPLAY SCREEN COAXIAL RESEARCH MICROSCOPE WITH HD CAMERA & HD DISPLAY SCREEN | 10 10 9 8 10 11 9 11 12 |
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PROJECTION MICROSCOPE

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| STEREO INCLINED MICROSCOPE WITH EXTENSION PILLAR | 5 |
| STEREO INCLINED MICROSCOPE WITH EXTENSION PILLAR | 7 |
| STEREO INCLINED MICROSCOPE WITH EXTENSION PILLAR | 6 |
| STEREO MICROSCOPE VERTICAL JUNIOR | 3 |
| STEREO MICROSCOPE VERTICAL JUNIOR WITH EXTENSION PILLAR | 4 |
| STEREO MICROSCOPE VERTICAL SENIOR | 3 |
| STEREO MICROSCOPE VERTICAL SENIOR WITH EXTENSION PILLAR | 4 |
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GENERAL INFORMATION

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- (c) Price of the product
- (d) Complete Description of item

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