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Meroscope Catalogue

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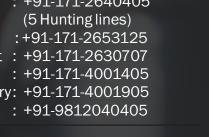
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SMC-40124 MICROSCOPE COMPOUND JUNIOR MODEL

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

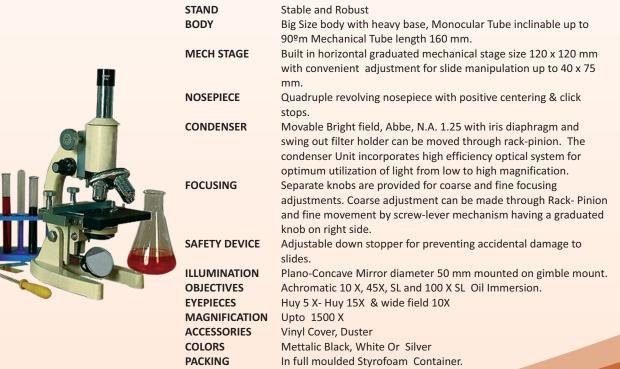
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SMC-40127 **MICROSCOPE MEDICAL WITH LED ILLUMINATION**

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





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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



15

/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





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PROJECTION MICROSCOPE

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GENERAL INFORMATION

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- (a) Your purchase order number
- (b) Product Catalogue number
- (c) Price of the product
- (d) Complete Description of item

CORRESPONDENCE

Orders & Enquiries by fax/letter or telephone should be addressed to Sales Department. Sterling Manufacturing Company, 4365, Ground Floor, Science Market, Ambala Cantt. - 133 001 (Hr.) INDIA Phone : 0091-171-2640405, 4001405, 2630707 Fax : 0091-171-2653125

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