



## BINOCULAR MICROSCOPES TECHNICAL SPECIFICATIONS

Model No.	SLV-21	SLV-22
<b>Optical System:</b>	Infinity colour corrected optical system	Infinity Optical System
<b>Viewing Head:</b>	Seidentopf Binocular Head Inclined 30°, Rotatable 360°, Interpupillary Distance 48-75mm	Binocular Head, 30° Inclined, Interpupillary Distance 48-75mm, Both Eyepiece Tube Dioptre Adjustable.
<b>Eyepiece:</b>	WF10X/20mm (High Eyepoint)	Extra Wide Field Eyepiece EWF 10X/22MM with dioptre adjustment.
<b>Nosepiece:</b>	Quadruple Nosepiece with smooth rotation.	Quadruple, Reversed Type with Positive Click Stops
<b>Objectives:</b>	Infinity E-Plan Objectives: 4X, 10X, 40X/0.65(S), 100X/1.25(S) (Oil)	Infinity Plan Objective 4X,10X,40X(SL),100X(oil)
<b>Specimen stage:</b>	Mechanical Stage Size: 145 mm×140mm, Travel: 76mmX52mm, Scale: 0.1mm, Double Slide Holder	Large Size Double Layer Mechanical Stage 216x150mm, Graphite Surface, Moving Range 75mmx55mm
<b>Focusing:</b>	Coaxial Coarse & Fine Focusing, Coarse Focusing Travel Range: 26mm, Fine Focusing Travel Range: 2µm/Division	Coaxial Coarse and Fine Adjustment, Fine Division 0.002mm, Coarse Stroke 37.7mm/Rotation, Moving Range 24mm
<b>Condenser:</b>	Abbe Condenser N.A.1.25, Iris Diaphragm, Rack & Pinion Up/Down, With Filter Holder	Abbe Condenser NA1.25
<b>Illumination:</b>	3W-LED Illumination Systems Powered By Safety Low Voltage Charger, Input Wide Voltage 100V-240V, Output 5V1A, Support Power Bank Supply for Outdoor Use	External Illumination, 3W/LED
	<b>OPTIONAL:</b> <ul style="list-style-type: none"> <li>• Trinocular Head</li> <li>• Camera Attachment</li> <li>• Phase Contrast Attachment</li> <li>• Dark Field Attachment</li> <li>• Fluorescent Illumination / LED Lamp / 100WHBO Lamp</li> <li>• Pointer Attachment / Micrometre Lens / Grid lens</li> </ul>	





**SLV-20A**



**SLV-20i**



**SLV-20iP**

**BINOCULAR MICROSCOPETECHNICALSPECIFICATIONS**

Model No.	SLV-20A	SLV-20i	SLV-20iP
<b>Optical System:</b>	Achromatic Optical System	Achromatic Optical System	Achromatic Optical System
<b>Viewing Head:</b>	Sliding type Binocular head with 45° inclined and 360° Rotatable with dioptr adjustment.	Sliding type Binocular head with 45° inclined and 360° Rotatable. with dioptr adjustment.	SidentopF Binocular head 30° inclined, 360° rotatable. Interpupillary Distance: 48mm-75mm with Dioptr adjustable.
<b>Eyepiece:</b>	Wide field Eye piece WF10X/18MM.	Wide field Eye piece WF10X/18MM.	Wide field Eye piece WF10X/20MM
<b>Nosepiece:</b>	Quadruple revolving ball bearing nosepiece, long-life smooth rotation	Quadruple revolving ball bearing Forward nosepiece with rubber grip for long-life smooth rotation	Quadruple reverse revolving ball bearing Forward nosepiece with rubber grip for long-life smooth rotation
<b>Objectives:</b>	Achromatic Objectives DIN: 4X, 10X, 40X(S), 100X (Oil, SL).	Achromatic Objectives DIN: 4X, 10X, 40X(S), 100X (Oil, SL). Anti-Fungus system.	SEMI PLAN Objective 4X,10X,40X(SL),100X(oil) Anti fungus System.
<b>Specimen stage:</b>	Double layer Mechanical Stage 110mm X 120mm. / 60mm X 30mm.	Double layer Mechanical Stage, 140mmx140mm, Moving Range- 75mmx50mm.	Double layer Mechanical Stage, 140mmx140mm, Moving Range-75mmx50mm.
<b>Focusing:</b>	Co axial coarse and Fine adjustment moving range 10mm.	Co axial coarse and Fine adjustment moving range 28mm, Fine division 0.002mm.	Co axial coarse and Fine adjustment moving range 28mm, Fine division 0.002mm.
<b>Condenser:</b>	Abbe type N.A.1.25 with IRIS Diaphragm & Filter.	Abbe type N.A.1.25 with IRIS Diaphragm & Filter.	NA.1.25 Abbe Condenser Rack and pinion Movement
<b>Illumination:</b>	1W LED With Brightness Adjustable/ 6v/30W Halogen lamp brightness adjustable.	1W LED With Brightness Adjustable/ 6v/30W Halogen lamp brightness adjustable.	1W LED With Brightness Adjustable/ 6v/30W Halogen lamp brightness adjustable.



**SLV-23**



**SLV-23i**



**SLV-23N**

<b>Model No.</b>	SLV-23	SLV-23i	SLV-23N
<b>Optical System:</b>	Infinity Optical System	Infinity Optical System	Infinity Optical System
<b>Viewing Head:</b>	Trinocular Head, 30° Inclined, Interpupillary Distance 48-75mm, Both Eyepiece Tube Dioptre Adjustable.	Seidentopf Trinocular Viewing Head, Inclined at 30°, 360° Rotatable, Interpupillary 48-75mm	Seidentopf Type Trinocular Head , Inclined at 30°, Interpupillary 48-75mm
<b>Eyepiece:</b>	Extra Wide Field Eyepiece EWF 10X/22MM with dioptre adjustment.	Extra Wide field EW10X/20 with diopter adjustment.	Extra Wide Field Eyepiece EW10×/23, Eyepiece Tube Diameter 30mm
<b>Nosepiece:</b>	Quadruple, Reversed Type with Positive Click Stops	Backward Quadruple Nosepiece with smooth rotation.	Backward Quintuple Nosepiece
<b>Objectives:</b>	Infinity Semi-Plan Objective 4X,10X,40X(SL),100X(oil)	Infinity Plan Achromatic Objective 4X,10X,40X(SL),100X(oil)	Infinity Plan Achromatic Objective 4X,10X,40X(SL),100X(oil) Or Plan S-Apo Objective 4×, 10×, 20×, 40×,100×
<b>Specimen stage:</b>	Double layer Mechanical Stage, 140mmx142mm/75mmx50 Large Size Double Layer Mechanical Stage 216x150mm, Graphite Surface, Moving Range 75mmx55mm	Rectangular 230X150mm, Cross Travel 78X54mm, Using Low-positioned X/Y Coaxial Control Knob	Double layer Mechanical Stage, 185mmx142mm/75mmx 55mm
<b>Focusing:</b>	Coaxial Coarse and Fine Adjustment, Fine Division 0.002mm, Coarse Stroke 37.7mm/Rotation, Moving Range 24mm	Co-axial coarse and Fine adjustment, fine division 0.002mm, coarse stroke 37.7mm per rotation moving range 20mm.	Co-axial coarse and Fine adjustment, fine division 0.001mm, coarse stroke 37.7mm per rotation moving range 24mm.
<b>Condenser:</b>	Abbe Condenser NA1.25	Abbe Condenser NA1.25 with Aperture Diaphragm	Swing Condenser NA 0.9 / 0.25 Abbe Condenser
<b>Illumination:</b>	3W LED With Brightness Adjustable/LED with Recharge/ 6v/30W Halogen lamp brightness adjustable.	3W LED With Brightness Adjustable/LED with Recharge/ 6v/30W Halogen lamp brightness adjustable.	5W LED With Brightness Adjustable/LED with Recharge/ 6v/30W Halogen lamp brightness adjustable.



**SLV-10D**



SLV-20i-3.0M



SLV-21D



SLV-22D

### Technical Specification

MODEL No.	SLV-10D	SLV-20i-3.0M	SLV-21D	SLV-22D
<b>Viewing Head:</b>	<b>Viewing Head:</b> Monocular head 45° inclined built in 1.3MP Digital camera with scope image.	<b>Viewing Head:</b> Siedentop Binocular head 30° inclined built in 3MP Digital camera with scope image advance micro image process software.	<b>Viewing Head:</b> Siedentop Binocular head 30° inclined built in 5MP Digital camera with scope image advance micro image process software.	<b>Viewing Head:</b> Siedentop Binocular head 30° inclined built in 5MP Digital camera with scope image with <b>Measurement software.</b>
<b>Eyepiece:</b>	Wide field eye piece 10X/18mm.	Wide 10X/18mm with dioptr adjustment.	Wide field 10X/20mm with dioptr adjustment.	Wide field 10X/22mm with dioptr adjustment.
<b>Nosepiece:</b>	Quadruple Nosepiece	Forward Quadruple Nosepiece	Backward Quadruple Nosepiece	Backward Quadruple Nosepiece
<b>Objectives:</b>	Achromatic objective 4X,10X,40X,100X oil	Achromatic objective 4X,10X,40X,100X oil	E-Plan objective 4X,10X,40X,100X oil	Infinity Plan objective 4X,10X,40X,100X(oil)
<b>Specimen stage:</b>	Double layer Mechanical Stage 110mm X 120mm. / 60mm X 30mm	Double layer Mechanical Stage 132mm X 142mm. / 75mm X 40mm	Double layer Mechanical Stage, 140mm X 140mm/ 75mm X 50mm	Stage Size: 175mm×145mm, Travel: 78mm×55mm Coaxial Coarse and Fine Focusing Knobs Two Slide Holder
<b>Focusing:</b>	Co axial coarse and Fine adjustment moving range 10mm,	Co axial coarse and Fine adjustment moving range 24mm, Fine division 0.004mm.	Co axial coarse and Fine adjustment moving range 28mm, Fine division 0.002mm.	Co axial coarse and Fine adjustment moving range 28mm, Fine division 0.002mm.
<b>Condenser:</b>	Abbe N.A.1.2 with diaphragm.	Abbe NA.1.25 with Iris Diaphragm and Filter	Abbe NA.1.25 with Iris Diaphragm and Filter	Abbe N.A. 1.25 with iris diaphragm.
<b>Illumination:</b>	LED With Brightness Adjustable/ 6v/20W Halogen lamp brightness adjustable.	LED With Brightness Adjustable/ 6v/20W Halogen lamp brightness adjustable.	3W LED With Brightness Adjustable/ 6v/30W Halogen lamp brightness adjustable.	3W LED With Brightness Adjustable