

GELSON LAB

HEMA SCIENTIFIC CO.LTD.



WORKING SHOP 1



WORKING SHOP 2



INSPECTING ROOM



WAREHOUSE



SHOWING ROOM

BIOLOGICAL MICROSCOPE

NEW!



Specification		HSM-2016B	HSM-2016T	HSM-2016LCD		
Viewing Head	Articulated Free Binocular Head,30°Inclined,360°Rotatable,Interpupillary Distance:50-75mm	●				
	Articulated Free Trinocular Head,30°Inclined,360°Rotatable,Interpupillary Distance:55-75mm;		●	●		
Eyepiece	PL10X/23mm high eyepoint eyepiece, diopter adjustment ∓ 5 , tube $\Phi 30$ mm	●	●	●		
Objective	Plan Achromatic Objective 4X,10X,40X(s),100X(s,oil)	●	●	●		
Nosepiece	Backward quintuple					
Stage	220X148mm X-axis low hand position double mechanical stage(steel wire transmission): 76X50mm, precision 0.1mm, damped double slide clamp	●	●	●		
Focusing	Coaxial Coarse and Fine Adjustable Mechanism:0.002mm	●	●	●		
Condenser	ABBE Condenser: N.A.1.25; $\Phi 2$ - $\Phi 30$ mm Iris Diaphragm and $\Phi 32$ filter	●	●	●		
Illumination	Built-in Adjustable Brightness LED lamp 3W with Kohler illumination system	●	●	●		
Package	1set/foam+carton36X31X47cm G.W/carton: 8kgs	●	●	●		
Optional:	Eyepiece: WF16X.,WF20X					
	8"color LCD			●		
	1.Dial phase contrast apparatus; 2.Insert phase contrast apparatus					
	1.Dry darkfield condenser;2.Oil-darkfield condenser; 3.Swing abbe condenser					
	Achromatic4X,10X,20X,40X,60X,100X					
	Plan Achromatic Objective 20X,60X					
	Infinity plan achromatic objectives:4X,10X,20X,40X,60X,100X					

HOT!



Specification		HSM-2005M	HSM-2005B	HSM-2005T	HSM-2005V	HSM-2005S
Viewing Head	Monocular Head,30°Inclined,360°Rotatable	●				
	Articulated Free Binocular Head,Interpupillary Distance:55-75mm; 30°Inclined,360°Rotatable		●			
	Articulated Free Trinocular Head,Interpupillary Distance:55-75mm; 30°Inclined,360°Rotatable			●		
	Dual Observation Head,One Tube 30°Inclined and Another Tube Vertical,360°Rotatable				●	
	Dual Observation Head,45°Inclined,360°Rotatable					●
Eyepiece	WF10X/18mm	●	●	●	●	●
Objective	45mm DIN Achromatic Objective 4X,10X,40X(s),100X(s,oil)	●	●	●	●	●
Stage	Double Layers Mechanical Stage:125X125mm,Moving Range X-Y:60X40mm	●	●	●	●	●
Focusing	Coaxial Coarse and Fine Adjustable Mechanism:14mm	●	●	●	●	●
Condenser	ABBE Condenser: N.A.1.25; Φ2-Φ30mm Iris Diaphragm and Φ32 filter	●	●	●	●	●
Illumination	Built-in Adjustable Brightness LED lamp 1W	●	●	●	●	●
Package	2sets/foam+carton 44X37X47cm G.W/carton: 11.5kgs	●	●	●	●	●
Optional:	Eyepiece: WF16X.,WF20X,1.3Mp or 3.0Mp electronic eyepiece					
	Plan-achromatic objectives:4X,10X,20X,40X,60X,100X					
	Semi-plan objectives:4X,10X,20X,40X,60X,100X					
	8"color LCD					

HOT!



Specification		HSM-2101M	HSM-2101B	HSM-2101T	HSM-2101V	HSM-2101S
Viewing Head	Monocular Head, 45° Inclined, 360° Rotatable	●				
	Articulated Free Binocular Head, Interpupillary Distance: 55-75mm; 30° Inclined, 360° Rotatable		●			
	Articulated Free Trinocular Head, Interpupillary Distance: 55-75mm; 30° Inclined, 360° Rotatable			●		
	Dual Observation Head, One Tube 30° Inclined and Another Tube Vertical, 360° Rotatable				●	
	Dual Observation Head, 45° Inclined, 360° Rotatable					●
Eyepiece	WF10X/18mm	●	●	●	●	●
Objective	45mm DIN Achromatic Objective 4X, 10X, 40X(s), 100X(s, oil)	●	●	●	●	●
Stage	Double Layers Mechanical Stage: 130X130mm, Moving Range X-Y: 60X30mm	●	●	●	●	●
Focusing	Coaxial Coarse and Fine Adjustable Mechanism: 20mm	●	●	●	●	●
Condenser	ABBE Condenser: N.A.1.25; Φ2-Φ30mm Iris Diaphragm and Φ32 filter	●	●	●	●	●
Illumination	Halogen lamp 6V/20W, Optional: LED lamp 1W, LED lamp with rechargeable device	●	●	●	●	●
Package	4sets/foam+carton 69X45X47cm G.W/carton: 21kgs	●	●	●	●	●
Optional:	Eyepiece: WF16X., WF20X, 1.3Mp or 3.0Mp electronic eyepiece					
	Plan-achromatic objectives: 4X, 10X, 20X, 40X, 60X, 100X					
	Semi-plan objectives: 4X, 10X, 20X, 40X, 60X, 100X					

HOT!



Specification		HSM-2102M	HSM-2102B	HSM-2102T	HSM-2102V	HSM-2102S
Viewing Head	Monocular Head, 45° Inclined, 360° Rotatable	●				
	Articulated Free Binocular Head, Interpupillary Distance: 55-75mm; 30° Inclined, 360° Rotatable		●			
	Articulated Free Trinocular Head, Interpupillary Distance: 55-75mm; 30° Inclined, 360° Rotatable			●		
	Dual Observation Head, One Tube 30° Inclined and Another Tube Vertical, 360° Rotatable				●	
	Dual Observation Head, 45° Inclined, 360° Rotatable					●
Eyepiece	WF10X/18mm	●	●	●	●	●
Objective	45mm DIN Achromatic Objective 4X, 10X, 40X(s), 100X(s, oil)	●	●	●	●	●
Stage	Double Layers Mechanical Stage: 130X140mm, Moving Range X-Y: 70X50mm	●	●	●	●	●
Focusing	Coaxial Coarse and Fine Adjustable Mechanism: 20mm, Precision: 0.002mm	●	●	●	●	●
Condenser	ABBE Condenser: N.A.1.25; Φ2-Φ30mm Iris Diaphragm and Φ32 filter	●	●	●	●	●
Illumination	Halogen lamp 6V/20W, Optional: LED lamp 1W, LED lamp with rechargeable device and kohlar illumination system	●	●	●	●	●
Package	2sets/foam+carton 53X37X49cm G.W/carton: 15kgs	●	●	●	●	●
Optional:	Eyepiece: WF16X., WF20X, 1.3Mp or 3.0Mp electronic eyepiece					
	Plan-achromatic objectives: 4X, 10X, 20X, 40X, 60X, 100X					
	Semi-plan objectives: 4X, 10X, 20X, 40X, 60X, 100X					



Specification		HSM-701BN-M	HSM-701BN	HSM-701BN-T		
Viewing Head	Monocular Head, 30° Inclined, 360° Rotatable	●				
	Sliding Binocular Head, Interpupillary Distance: 55-75mm; 45° Inclined, 360° Rotatable		●			
	Sliding Trinocular Head, Interpupillary Distance: 55-75mm; 45° Inclined, 360° Rotatable			●		
Eyepiece	WF10X/18mm	●	●	●		
Objective	45mm DIN Achromatic Objective 4X, 10X, 40X(s), 100X(s, oil)	●	●	●		
Stage	Double Layers Mechanical Stage: 140X155mm, Moving Range X-Y: 70X50mm	●	●	●		
Focusing	Coaxial Coarse and Fine Focusing Adjustable Mechanism: 25mm, Precision: 0.002mm	●	●	●		
Condenser	ABBE Condenser: N.A. 1.25; Φ2-Φ30mm Iris Diaphragm and Φ32 filter	●	●	●		
Illumination	Halogen lamp 6V/20W, Optional: LED lamp 1W, LED lamp with rechargeable device	●	●	●		
Package	1set/wooden case+carton 38X34X50cm G.W/carton: 11kgs	●	●	●		
Optional:	Eyepiece: WF16X., WF20X, 1.3Mp or 3.0Mp electronic eyepiece					
	Plan-achromatic objectives: 4X, 10X, 20X, 40X, 60X, 100X					
	Semi-plan objectives: 4X, 10X, 20X, 40X, 60X, 100X					



Specification		HSM-801AN-M	HSM-801AN	HSM-801AN-T		
Viewing Head	Monocular Head,30°Inclined,360°Rotatable	●				
	Articulated Free Binocular Head,Interpupillary Distance:55-75mm; 30°Inclined,360°Rotatable		●			
	Articulated Free Trinocular Head,Interpupillary Distance:55-75mm; 30°Inclined,360°Rotatable			●		
Eyepiece	WF10X/18mm	●	●	●		
Objective	45mm DIN Achromatic Objective 4X,10X,40X(s),100X(s,oil)	●	●	●		
Stage	Double Layers Mechanical Stage:140X155mm,Moving Range X-Y:70X50mm	●	●	●		
Focusing	Coaxial Coarse and Fine Focusing Adjustable Mechanism:25mm,Precision:0.002mm	●	●	●		
Condenser	ABBE Condenser: N.A.1.25; Φ2-Φ30mm Iris Diaphragm and Φ32 filter	●	●	●		
Illumination	Halogen lamp 6V/20W,Optional: LED lamp 1W,LED lamp with rechargeable device	●	●	●		
Package	1set /wooden case+carton 38X34X50cm G.W/carton: 11kgs	●	●	●		
Optional:	Eyepiece: WF16X.,WF20X,1.3Mp or 3.0Mp electronic eyepiece					
	Plan-achromatic objectives:4X,10X,20X,40X,60X,100X					
	Semi-plan objectives:4X,10X,20X,40X,60X,100X					

STUDENT MICROSCOPE



HSM-25A



HSM-25B

Specification		HSM-25A	HSM-25B			
Viewing Head	Monocular Head, 45° Inclined, 360° rotatable	●	●			
Eyepiece	WF10X	●	●			
Objective	Achromatic Objective 4X,10X,40X(s)	●				
	185 Achromatic Objective 4X 10X 40X(s)		●			
Stage	Φ90mm Rounded Stage with Paired Clips, 360°Rotatable;	●				
	Optional:Double Layers Mechanical Stage: 110X125mm,Moving Range X-Y:60X20mm		●			
Focusing	Coarse Focusing Adjustable Mechanism:8mm	●				
	Optional: Coaxial Coarse and Fine Adjustable Mechanism:14mm		●			
Condenser	Six-stop Dial Diaphragm: Single Lens Condenser:N.A.0.65	●	●			
	Optional: Fixed ABBE Condenser: N.A.1.25; Φ2-Φ30mm Iris Diaphragm and Φ32 filter		●			
Illumination	LED lamp 1W,Optional: LED lamp with rechargeable device	●	●			
Package	10sets/foam+carton 79X49X36cm G.W/carton: 17kgs	●	●			
Optional:	Eyepiece: WF16X.,1.3Mp or 3.0Mp electronic eyepiece					



HSM-23



HSM-23A

Specification		HSM-23	HSM-23A			
Viewing Head	Fixed Monocular Head, 45° Inclined	●	●			
	Optional: Monocular Head, 45°inclined, 360°rotatable					
Eyepiece	WF10X	●	●			
Objective	Achromatic Objective 4X,10X,40X(s)	●				
	185 Achromatic Objective 4X 10X 40X(s)		●			
Stage	Plain Stage with Paired Clips:110X120mm	●				
	Optional:Double Layers Mechanical Stage: 110X125mm,Moving Range X-Y:60X20mm		●			
Focusing	Coarse Focusing Adjustable Mechanism:8mm	●				
	Optional: Coaxial Coarse and Fine Adjustable Mechanism:14mm		●			
Condenser	Six-stop Dial Diaphragm: Single Lens Condenser:N.A.0.65	●	●			
	Optional: Fixed ABBE Condenser: N.A.1.25; Φ2-Φ30mm Iris Diaphragm and Φ32 filter		●			
Illumination	LED lamp 1W,Optional: LED lamp with rechargeable device	●	●			
Package	10sets/foam+carton 79X49X36cm G.W/carton: 17kgs	●	●			
Optional:	Eyepiece: WF16X.,1.3Mp or 3.0Mp electronic eyepiece					



Specification		HSM-113RT	HSM-115RT			
Viewing Head	Monocualr Head, 45°Inclined	●				
	Dual Observation Head, 45°inclined		●			
Eyepiece	WF10X ,WF25X	●	●			
Objective	Achromatic Objective 4X,10X,40X(s)	●	●			
Stage	Plain Stage with Paired Clips	●				
	Plain Stage with sliding ruler		●			
Focusing	Coaxial Coarse and Fine Adjustable Mechanism:8mm	●	●			
Condenser	Six-stop Dial Diaphragm: Single Lens Condenser:N.A.0.65	●	●			
Illumination	Up and bottom LED lamp with batteries	●	●			
Package	2sets/foam+carton 40X26X19cm G.W/carton: 5kgs	●	●			
Optional:	1 set of accessories					



Specification		HSM-24	HSM-24A	HSM-24B		
Viewing Head	Fixed or rotatable Monocular Head, 45° Inclined	●	●			
	Binocular head, 45° Inclined, 360° rotatable			●		
Eyepiece	WF10X	●	●	●		
Objective	Achromatic Objective 4X, 10X, 40X(s)	●				
	185 Achromatic Objective 4X 10X 40X(s)		●	●		
Stage	Plain Stage with Paired Clips: 110X120mm	●		●		
	Optional: Double Layers Mechanical Stage: 110X125mm, Moving Range X-Y: 60X20mm		●			
Focusing	Coarse Focusing Adjustable Mechanism: 8mm	●				
	Optional: Coaxial Coarse and Fine Adjustable Mechanism: 14mm		●	●		
Condenser	Six-stop Dial Diaphragm: Single Lens Condenser: N.A. 0.65	●				
	Optional: Fixed ABBE Condenser: N.A. 1.25; Φ2-Φ30mm Iris Diaphragm and Φ32 filter		●	●		
Illumination	LED lamp 1W, Optional: LED lamp with rechargeable device	●	●	●		
Package	10sets/foam+carton 79X49X36cm G.W/carton: 17kgs	●	●			
Optional:	Eyepiece: WF16X., 1.3Mp or 3.0Mp electronic eyepiece					



Specification		HSM-9107	HSM-9107A	HSM9107A-1	HSM-9107E	HSM-9107E-1
Viewing Head	Fixed Monocular Head, 38° Inclined	●	●	●		
	Monocular Head, 45°inclined, 360°rotatable				●	●
Eyepiece	WF10X	●	●	●	●	●
Objective	Achromatic Objective 4X,10X,40X(s)	●	●	●	●	●
	100X(s,oil)					
Stage	Plain Stage with Paired Clips:90X90mm	●	●	●	●	●
Focusing	Coarse Focusing Adjustable Mechanism:8mm	●	●	●	●	●
Condenser	Six-stop Dial Diaphragm: Single Lens Condenser:N.A.0.65	●	●	●	●	●
Illumination	Φ42mm Plane-concave Reflector	●				
	Incandescent Lamp 20W,Optional: LED lamp 1W,LED lamp with rechargeable device		●	●	●	●
Package	10sets/foam+carton 81X45X36cm G.W/carton: 20kgs	●	●	●	●	●
Optional:	Eyepiece: WF16X.					



Specification		HSM-9106	HSM-9106C	SM-9106C	HSM-9106E	HSM-9106E-1
Viewing Head	Fixed Monocular Head, 45° Inclined	●				
	Monocular Head, 45°inclined, 360°rotatable		●	●	●	●
Eyepiece	WF10X	●	●	●	●	●
Objective	Achromatic Objective 4X,10X,40X(s)	●	●	●	●	●
	100X(s,oil)				●	●
Stage	Plain Stage with Paired Clips:110X120mm	●	●	●		
	Double Layers Mechanical Stage: 110X125mm,Moving Range X-Y:60X20mm				●	●
Focusing	Coarse Focusing Adjustable Mechanism:8mm	●				
	Coaxial Coarse and Fine Adjustable Mechanism:14mm		●	●	●	●
Condenser	Five-stop Dial Diaphragm: Single Lens Condenser:N.A.0.65	●	●	●		
	ABBE Condenser: N.A.1.25; Φ2-Φ30mm Iris Diaphragm and Φ32 filter				●	●
Illumination	Φ50mm Plane-concave Reflector	●				
	Incandescent Lamp 20W,Optional: LED lamp 1W,LED lamp with rechargeable device		●	●	●	●
Package	4sets/foam+carton 54X39X40cm G.W/carton: 11kgs	●	●	●	●	●
Optional:	Eyepiece: WF16X.,1.3Mp or 3.0Mp electronic eyepiece					

STEREO MICROSCOPE

NEW!



Specification		HSM-T102B	HSMT102G	HSM-T102BLCD		
Viewing Head	Articulated Free Binocular Head, Interpupillary Distance: 55-75mm, 45°inclined,360° rotatable with a diopter adaptor on the left tube	•	•			
	Trinocular head (optional)			•		
Eyepiece	WF10X	•	•	•		
Objective	0.7X-4.5X	•	•	•		
Working Distance	100mm	•	•	•		
Focusing	Rack and Pinion Focusing with mechanism for adjusting focusing torque,focusing range:85mm	•		•		
	Rack and Pinion Focusing with mechanism for adjusting focusing torque,focusing range:75mm		•			
Arm Type	Arm:280mm	•		•		
	Pole:280mm		•			
Base	290X245X60mm, with spring clips	•	•	•		
Stage	Φ125mm, one piece of glass(for bottom illumination), one piece of plastic black-white plate(for top illumination)	•	•	•		
Illumination	Top and bottom 3.5V/1W LED light, lights can be adjusted separately	•	•	•		
Package	1set/foam+carton 37X32X57cm G.W/carton:6kgs	•	•			
	8"LED display			•		
Optional:	1.Eyepiece: WF15X. or WF20X ;2.1.3Mp or 3.0Mp electronic eyepiece; 3.Auxiliary objective: 0.5X,,2X; 4. External ring light					

HOT!



Specification		HSM-T101B	HSM-T101G		
Viewing Head	Articulated Free Binocular Head, Interpupillary Distance: 55-75mm, 45°inclined,360° rotatable with a diopter adaptor on the left eyepiece tube	•	•		
Eyepiece	WF10X	•	•		
Objective	Grouped from 2X,and 4X	•	•		
Working Distance	100mm	•	•		
Focusing	Rack and Pinion Focusing with hand wheels for adjusting focusing torque, focusing range:40mm	•	•		
Arm Type	Arm:180mm	•			
	Pole:205mm		•		
Base	210X140X50mm, with spring clips	•	•		
Stage	Φ95mm, one piece of frosted glass(for bottom illumination), one piece of plastic black-white plate(for top illumination)	•	•		
Illumination	Top and bottom extra light LED lamp, lights can be adjusted separately	•	•		
Package	4sets/foam+carton 67X40X41cm G.W/carton:11kgs	•	•		
Optional:	Eyepiece: WF15X. or WF20X ;1.3Mp or 3.0Mp electronic eyepiece				



Specification			HSM-T3A	HSM-T3B	HSM-T3C	
Viewing Head	Articulated Free Binocular Head, Interpupillary Distance: 55-75mm, 45°inclined		•	•	•	
Eyepiece	WF10X		•	•	•	
Objective	Grouped from any two objectives 1X,, 2X,,3X, and 4X , Working Distance: 1X-55mm, 2X-81mm, 3X-61mm, 4X-57mm		•	•	•	
Total Magnification	10X,-20X, or 10X-30X, or 10X-40X or 20X-40X		•	•	•	
Focusing	Rack and Pinion Coarse Focusing Mechanism with Slip Clutch and Tension Adjustment		•	•	•	
Arm Type	Arm					
	Pole		•	•	•	
Illumination	Natural Light for Illumination		•			
	Φ60mm Black-white Reversible Stage Plate		•	•		
	Top light: 12V/10W halogen lamp			•	•	
	Bottom light (optional): 12V/10W halogen lamp or 1W LED lamp or LED lamp with rechargeable device ; With Φ95mm frosted glass stage plate				•	
Package	4sets/foam+carton 61X35X36cm G.W/carton: 9kgs		•	•	•	
Optional:	Eyepiece: WF15X. or WF20X ;1.3Mp or 3.0Mp electronic eyepiece					



Specification		HSM-45B1	HSM-45B2			
Viewing Head	Articulated Free Binocular Head, Interpupillary Distance: 54-76mm, 45°inclined,360° rotatable,diopter adjustment:±5 diopters	•	•			
	Trinocular head (optional)					
Eyepiece	WF10X	•	•			
Objective	0.7X-4.5X stereo zoom; Zoom Ratio:6.4:1	•	•			
Working Distance	100mm	•	•			
Arm Type	pole	•	•			
Illumination	without lamp	•				
	Top and bottom 3.5V/1W LED light, lights can be adjusted separately		•			
Optional:	1.Eyepiece: WF15X. or WF20X ;2.1.3Mp or 3.0Mp electronic eyepiece; 3.Auxiliary objective: 0.5X,,2X; 4. External ring light					

POLARIZING MICROSCOPE



Specification		HSM-2009P				
Viewing Head	Sliding trinocular head,Interpupillary Distance:55-75mm; 45°Inclined,360°Rotatable	•				
	Optional: binocular head					
Eyepiece	wide field plane-scope eyepiece WF10X/18mm with scale of crosshair and 0.1mm	•				
Objective	45mm strain free achromatic objective 4X,10X,40X,63X	•				
Stage	Revolving round stage: Φ160mm,360° rotatable and graduated 1°increments, minimum resolution 6' when using venire scale.Center adjustable;	•				
Focusing	Coaxial Coarse and Fine Adjustable Mechanism:35mm,precision:0.002mm	•				
Condenser	Using venire scale, center adjustable;ABBE Condenser: N.A.1.25; Φ2-Φ30mm Iris Diaphragm and Φ32 filter	•				
Polarizing device	Rotatable analyzer with graduation 0°-90°, sliding out of optical path; Bertrand lens, sliding out of optical path; optical compensator:λ slip(first class red), 1/4 λ slip, quartz wedge polarize: under the stage, 0°adjustable, 360° rotatable	•				
Illumination	Built-in Adjustable Brightness halogen lamp 6V/20W and Kohlar illumination system	•				
Package	1set/foam+carton42X28X57cm G.W/carton: 13kgs	•				
Optional:	Objective: infinity system strain free plan achromatic objective 5X,10X,40X					
	3.5V 1W LED lamp					



Specification		HSM-2005M	HSM-2005B	HSM-2005TP		
Viewing Head	Monocular Head,30°Inclined,360°Rotatable	●				
	Articulated Free Binocular Head,Interpupillary Distance:55-75mm; 30°Inclined,360°Rotatable		●			
	Articulated Free Trinocular Head,Interpupillary Distance:55-75mm; 30°Inclined,360°Rotatable			●		
Eyepiece	WF10X/18mm	●	●	●		
Objective	45mm DIN Achromatic Objective 4X,10X,40X(s),100X(s,oil)	●	●	●		
Stage	Revolving Round Stage:Ø160mm 360°Rotatable and Graduated 1°Increments,Minimum Resolution 6'	●	●	●		
Focusing	Coaxial Coarse and Fine Adjustable Mechanism:14mm,Precision:0.01mm	●	●	●		
Condenser	ABBE Condenser: N.A.1.25; Φ2-Φ30mm Iris Diaphragm and Φ32 filter	●	●	●		
Polarizing Device	Rotatable Analyzer with Graduation 0°-90°,Sliding out of Optical Path; Optical Compensator:λSlip(first class red),1/4λSlip; Polarize: On the light collector, 360° Rotatable;	●	●	●		
Illumination	Built-in Adjustable Brightness LED lamp 1W	●	●	●		
Package	2sets/foam+carton 44X37X47cm G.W/carton: 11.5kgs	●	●	●		
Optional:	Eyepiece: WF16X.,WF20X,					
	Plan-achromatic objectives:4X,10X,20X,40X,60X,100X					
	Semi-plan objectives:4X,10X,20X,40X,60X,100X					