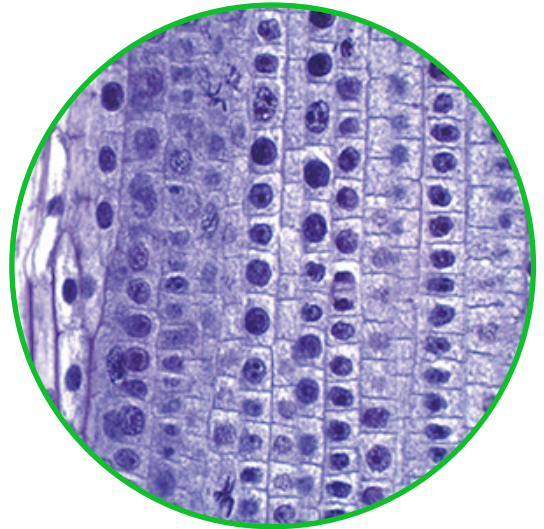


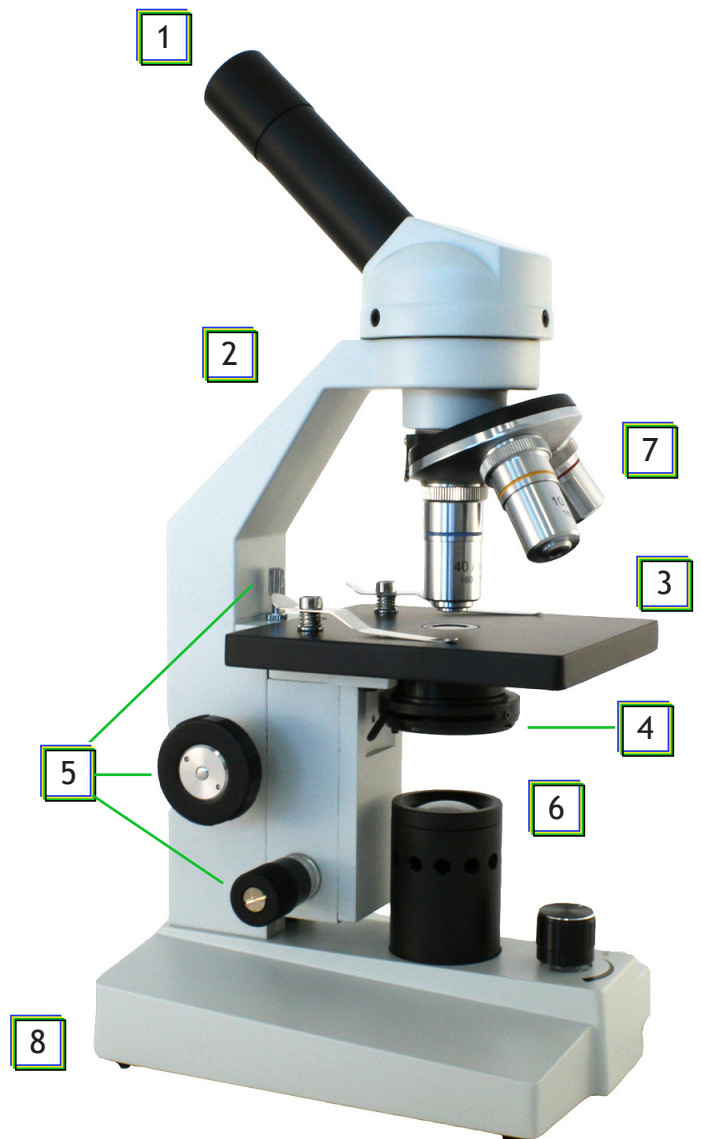
HS-1 Microscopes





HS-1 Microscope Features

- 1 45° inclined viewing head rotates 360° for easy repositioning and sharing by more than one student.
- 2 Student proof metal frame with carrying handle.
- 3 Large 120mm x 110mm stage with locked-on, spring mounted stage clips, drilled and tapped to accept an optional mechanical stage. The optional mechanical stage allows for easier maneuvering of slides by using the knobs for x-y control.
- 4 N.A. 0.65 iris diaphragm condenser
- 5 Rack and pinion coarse focus with tension adjustment to eliminate stage drift, separate fine focus. Safety rack stop prevents damage to slides and objective lenses.
- 6 LED cool burning illumination with on/off switch and intensity control. 3 LED lights beneath stage rated up to 100,000 hours life. Cordless microscope runs on rechargeable batteries and includes auto cut-off recharger. Microscope can be plugged in and run off the 100~240V recharger.
- 7 Achromatic objective lenses.
- 8 Sturdy metal base helps to prevent tipping.





HS-1 Objective Lenses

Achromatic Objectives

Objective	N.A.	F.O.V.	W.D.	Total Magnification with 10x eyepiece
4x	0.10	4.5mm	18.5mm	40x
10x	0.25	1.8mm	6.4mm	100x
40xs	0.65	0.45mm	0.5mm	400x

Optional Mechanical Stage





HS-1 Microscope Models



HS-1M Monocular

Monocular model has 45° inclined monocular head.



HS-1+1 Dual Head

Dual head has 45° incline viewing head plus a straight tube that can be used for simultaneous viewing.



HS-1D Digital Dual Head

45° inclined viewing eyetube and straight tube features a 3mp digital camera with basic image capture software.



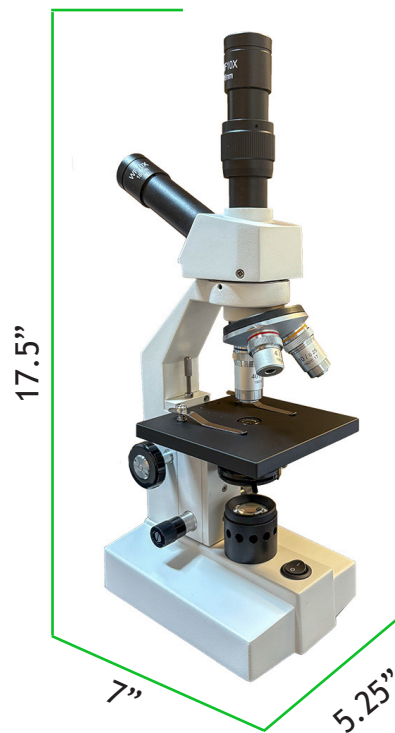
HS-1M-MS with Mechanical Stage

Monocular model with included mechanical stage with x and y adjustments.



HS-1 Microscope Specifications

Viewing Head	45° inclined monocular head. 45° inclined monocular head plus straight tube (dual head model)
Eyepieces	Widefield 10x eyepiece with FN18.
Objective Lenses	Achromatic 4x, 10x, 40xs.
Focus Adjustment	Rack and pinion coarse focus with tension adjustment. Separate fine focus.
Nosepiece	Precision revolving objective turret.
Stage	120mm x 110mm stage with spring loaded stage clips. Tapped holes for optional mechanical stage.
Power Cord / Batteries	Rechargeable microscope operates plugged in, or on the rechargeable batteries. 100V-240V.
Illumination	LED illuminator with rheostat control, 100V-240V. Includes rechargeable batteries and auto cut-off recharger. Operates plugged in or cordless.
Dimensions	13.5"H x 5.25"W x 7"D (Monocular model) 17.5"H x 5.25"W x 7"D (Dual head model)
Weight	6 lbs.
Warranty	5-year limited warranty, excluding bulb and batteries.



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