

# EXM-150 MICROSCOPE SERIES

**A High Performance  
Student-proof  
Microscope  
In a Compact  
Portable Design**

DESIGNED  
FOR CLASSROOMS,  
LIGHT INDUSTRIAL  
APPLICATIONS  
& HOBBYISTS



*Delivering quality through vision*

# EXM-150 MICROSCOPE SERIES

Designed to provide educators with a high performance, student-proof microscope at an affordable price, the EXM-150 Series is an excellent choice for high schools, middle schools, technical institutes, hobbyists and home school applications.

## SPECIFICATIONS

Viewing Head	Monocular, dual inclined or inclined/vertical teaching head, inclined 45°; rotatable 360°
Optical System	DIN Optical System, f = 160mm
Objectives	Standard configuration includes DIN achromat 4x, 10x and 40xR* objectives; EXM-151 models will also include a 100xR* oil objective (*spring-loaded)
Eyepieces	WF10x eyepieces, 18mm field of view with pointer; eyepieces are locked-in to prevent classroom tampering
Nosepiece	Rear facing three-hole, ball-bearing nosepiece with positive click stops to ensure parcentration; a quadruple nosepiece is provided on the EXM-151 models
Focusing System	Separate coarse and fine focus adjustment controls; a tension adjustment is on the coarse control; a built-in slip clutch system and pre-set focus stop prevents accidental damage to objectives and slides
Stage	119mm x 119mm with stage clips, or factory-installed double-plate mechanical stage with low position controls and iris diaphragm
Condenser	N.A. 0.65 condenser with five aperture disc or iris diaphragm depending on the model; an N.A. 1.25 Abbe condenser with iris diaphragm on a spiral mount is supplied on all EXM-151 models
Illumination	Variable and rechargeable LED illuminator; LED illuminators will last approximately 4 hours on a single charge and the expected bulb life is 20,000 hours
Stand	Cast alloy aluminum with built-in carry handle and cord hanger
Accessories	Dust cover, instruction manual included
Optional Accessories	<b>Viewing Heads:</b> dual inclined or inclined/vertical teaching head <b>Eyepieces:</b> 15x/15mm; 20x/12mm <b>Objectives:</b> 20x, 60xR*, 100xR* oil (*spring-loaded)
Warranty	5 year limited warranty for parts, labor and electronic components; 1 year warranty on LED bulb

*Design, features and specifications are subject to change without notice.*

### ISO 9001 Certification

Design and production adheres to ISO 9001 international quality standard.

### ISO 14001 Certification

Design and production meets the Requirements of international standard ISO 14001 for environmental management.



*The EXM-150-MS comes standard with a mechanical stage with low position coaxial controls, and an N.A. 0.65 Abbe condenser*

The integrated carrying handle and cordless operation make it easier than ever for students and teachers to move the microscope around the classroom.



*The EXM-151-T features a dual-view teaching head, mechanical stage, a 100xR oil objective, and an N.A. 1.25 Abbe condenser*



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