

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, $f = 160\text{mm}$
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	Viewing Heads: dual inclined or inclined/vertical teaching head Eyepieces: 15x/15mm; 20x/12mm Objectives: 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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