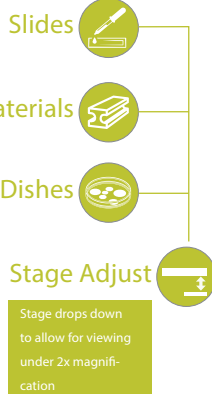


LMC-1000 Series FOR EDUCATION



BRIGHTFIELD

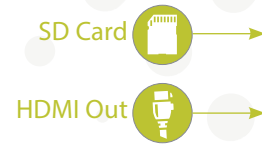


-  Corrected for eyeglasses
-  Flexible Light guide
-  LED Illumination
-  Rechargeable Battery
-  External Power Supply
-  360° Rotating Stage
-  Macro & Micro Imaging

FEATURES

- Flexible, easy to adjustable, LED incident light guide for macro applications
- 3 methods of viewing:
 1. Biological (slides)
 2. Macro (solid objects)
 3. Live cell/organism (petri dish)
- Image the same sample under both stereo and compound viewing
- Stereo imaging at 2x and can accommodate samples up to 44mm in height
- 360° rotating stage allows for maximum movement of all sample types
- Fixed condenser simplifies ease of use, making it a perfect solution for students of any age

- Dual high-powered LEDs
- 3 watt, adjustable LED illumination with 50,000 hour life span maintains constant color temperature
- Flexible incident illumination for stereoscopic viewing
- Carrying handle
- Lightweight, stable main body for easy portability
- Brightfield observation
- Finite corrected optical system
- 30° observation angle with interpupillary and diopter adjustments
- Image slides, petri-dishes, and solid materials such as circuit boards, leaves, bark, mushroom, roots, etc...
- Reversed nosepiece allows for easy access to slides
- Adjustable focusing stop protects slide
- External DC Auto-switching power supply (110v - 240v)
- Rechargeable; battery operation for field use provides 8 hours of continuous illumination
- Works for both Macro and Micro viewing
- 360° rotating stage



- Save
- Image Capture
- Video Capture
- Video Out to Monitor
- Video Out to Projector



COMBINES BOTH A STEREO & COMPOUND MICROSCOPE INTO ONE

CAT. NO.	HEAD	OBJECTIVES	OPTICS	FOV	F-CONTROLS	KOEHLER	CONDENSER	ILLUM	STAGE	OBJ TURRET
LMC1BF11	MONOC	2X, 4X, 10X, 40X	FIN, DIN, ACHRO	18MM	COARSE & FINE	FIXED	1.25 N.A. ABBE, WITH IRIS	3W LED	360° ROTATING FOR MACRO & MICRO VIEWING	4 POS
LMC1BF12	BINOC	2X, 4X, 10X, 40X	FIN, DIN, ACHRO	18MM	COARSE & FINE	FIXED	1.25 N.A. ABBE, WITH IRIS	3W LED	360° ROTATING FOR MACRO & MICRO VIEWING	4 POS
LMC1BF13	TRINOC	2X, 4X, 10X, 40X	FIN, DIN, ACHRO	18MM	COARSE & FINE	FIXED	1.25 N.A. ABBE, WITH IRIS	3W LED	360° ROTATING FOR MACRO & MICRO VIEWING	4 POS
LMC1BF14	BINOC-DIG	2X, 4X, 10X, 40X	FIN, DIN, ACHRO	18MM	COARSE & FINE	FIXED	1.25 N.A. ABBE, WITH IRIS	3W LED	360° ROTATING FOR MACRO & MICRO VIEWING	4 POS
LMC1BF15	BINOC-DIG-LCD	2X, 4X, 10X, 40X	FIN, DIN, ACHRO	18MM	COARSE & FINE	FIXED	1.25 N.A. ABBE, WITH IRIS	3W LED	360° ROTATING FOR MACRO & MICRO VIEWING	4 POS

LMC-1000 Series FOR EDUCATION



BRIGHTFIELD



-  Corrected for eyeglasses
-  Carrying Handle
-  LED Illumination
-  External Power Supply




- Single high-powered LED
- Carrying handle
- Lightweight, stable main body for easy portability
- Brightfield observation
- Finite corrected optical system
- 30° observation angle with interpupillary and diopter adjustments
- 3 watt, adjustable LED illumination with 50,000 hour life span maintains constant color temperature
- Low-position, X/Y axis mechanical stage allows for precise sample movement
- Reversed nosepiece allows for easy access to slides
- Adjustable focusing stop protects slide
- External DC Auto-switching power supply (110v - 240v)
- Rechargeable; battery operation for field use provides 8 hours of continuous illumination

USB 2.0 Connectivity 

STAND

- Rack and pinion focusing mechanism for smooth focusing control
- Lightweight, portable stand for the classroom environment.
- Stable main body design
- Low-position, rectangular mechanical stage with travel limit and tension adjustment
- Built in carrying handle for easy transportation of microscope
- Coarse and fine focus adjustment
- Reversed quintuple or quadruple nose-piece
- Fixed Koehler illumination with iris diaphragm



-  Recall
-  Measure
-  Annotate
-  Capture
-  Save
-  Draw
-  Print

CAT. NO.	HEAD	OBJECTIVES	OPTICS	FOV	F-CONTROLS	KOEHLER	CONDENSER	ILLUM	STAGE	OBJ TURRET
LMC1BF1	MONOC	4X, 10X, 40X, 100X Oil	FIN, DIN, ACHRO	18MM	COARSE & FINE	FIXED	1.25 N.A. ABBE, WITH IRIS	3W LED	X/Y MECH STAGE	4 POS
LMC1BF2	BINOC	4X, 10X, 40X 100X Oil	FIN, DIN, ACHRO	18MM	COARSE & FINE	FIXED	1.25 N.A. ABBE, WITH IRIS	3W LED	X/Y MECH STAGE	4 POS
LMC1BF3	TRINOC	4X, 10X, 40X, 100X Oil	FIN, DIN, ACHRO	18MM	COARSE & FINE	FIXED	1.25 N.A. ABBE, WITH IRIS	3W LED	X/Y MECH STAGE	4 POS
LMC1BF4	BINOC-DIG	4X, 10X, 40X, 100X Oil	FIN, DIN, ACHRO	18MM	COARSE & FINE	FIXED	1.25 N.A. ABBE, WITH IRIS	3W LED	X/Y MECH STAGE	4 POS
LMC1BF5	BINOC-DIG-LCD	4X, 10X, 40X, 100X Oil	FIN, DIN, ACHRO	18MM	COARSE & FINE	FIXED	1.25 N.A. ABBE, WITH IRIS	3W LED	X/Y MECH STAGE	4 POS