




# LMC-3000 Series

## FOR RESEARCH & CLINICAL



-  Corrected for eyeglasses
-  Carrying Handle
-  LED Illumination
-  360° rotating binoc

## KEY FEATURES

- Single high-powered LED
- Carrying handle
- Stable main body
- Brightfield, Darkfield, Simple Polarization, Phase Contrast, & Fluorescence Illumination
- High contrast, broad beam optical design

## STAND

Large, sturdy based designed for the everyday lab environment.

- Rack and pinion focusing mechanism for smooth focusing control
- Stable main body design
- X/Y mechanical stage
- Built in carrying handle for easy transportation of microscope
- Coarse and fine focus adjustment
- Reversed quintuple or quadruple nose-piece
- Full Koehler illumination with field and iris diaphragm

## BINOCULARS & TRINOCULAR OPTICS

- 360° rotating binoculars
- 50 to 75mm interpupillary distance
- Rubber eyecups
- Diopter adjustments

## EYEPIECES

- 10x magnification, with 20mm wide field eyepieces
- Optional ability to lock eyepieces

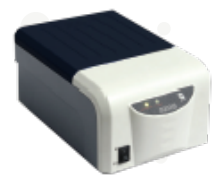
## ILLUMINATION

- 3 watt bright white LED
- Removable LED tray
- Adjustable
- Maintains constant color temperature
- 50,000 hour life span

## LED FLUORESCENCE

- 25,000 hour life span
- No alignment needed
- LED wave length specific to filter set
- Adjustable light intensity
- High signal to noise ratio
- Stable light excitation energy
- No warm-up or cool down time
- Produces no harmful UV light
- Powered by optional battery pack

-  Single Channel Fluorescences
-  Hard Coated Filters
-  Brightness Control
-  Wave-Length Specific LED
-  External Power Supply



 Rechargeable Battery

	CAT. NO.	HEAD	OBJECTIVES	OPTICS	FOV	F-CONTROLS	KOEHLER	CONDENSER	ILLUM	STAGE	OBJ TURRET	FL FILTERS
BRIGHTFIELD	LMC3BF1	BINOC	4X, 10X, 40X, 100X Oil	INFINITY, PL	22MM	COARSE & FINE	FULL	1.25 N.A. ABBE, WITH IRIS, & PH/DF SLOT	3W LED	X/Y MECH STAGE	5 POS	NA
	LMC3BF4	TRINOC	4X, 10X, 40X, 100X Oil	INFINITY, PL	22MM	COARSE & FINE	FULL	1.25 N.A. ABBE, WITH IRIS, & PH/DF SLOT	3W LED	X/Y MECH STAGE	5 POS	NA
HEMATOLOGY	LMC3HM1	BINOC	4X, 10X, 40X, 50X Oil, 100X Oil	INFINITY, PL	22MM	COARSE & FINE	FULL	1.25 N.A. ABBE, WITH IRIS, & PH/DF SLOT	3W LED	X/Y MECH STAGE	5 POS	NA
	LMC3HM2	TRINOC	4X, 10X, 40X, 50X Oil, 100X Oil	INFINITY, PL	22MM	COARSE & FINE	FULL	1.25 N.A. ABBE, WITH IRIS, & PH/DF SLOT	3W LED	X/Y MECH STAGE	5 POS	NA
GOUT	LMC3GT1	BINOC	4X, 10X, 40X, 50X Oil, 100X Oil	INFINITY, PL	22MM	COARSE & FINE	FULL	1.25 N.A. ABBE, WITH IRIS, PH/DF SLOT, GOUT KIT	3W LED	X/Y MECH STAGE	5 POS	NA
	LMC3GT3	TRINOC	4X, 10X, 40X, 50X Oil, 100X Oil	INFINITY, PL	22MM	COARSE & FINE	FULL	1.25 N.A. ABBE, WITH IRIS, PH/DF SLOT, GOUT KIT	3W LED	X/Y MECH STAGE	5 POS	NA
PHASE	LMC3PH1	BINOC	10XPH, 20XPH, 40XPH, 100XPH Oil	INFINITY, PL PH	22MM	COARSE & FINE	FULL	1.25 N.A. ABBE, WITH IRIS, & 4-100 PH SLIDER	3W LED	X/Y MECH STAGE	5 POS	NA
	LMC3PH5	TRINOC	10XPH, 20XPH, 40XPH, 100XPH Oil	INFINITY, PL PH	22MM	COARSE & FINE	FULL	1.25 N.A. ABBE, WITH IRIS, & 4-100 PH SLIDER	3W LED	X/Y MECH STAGE	5 POS	NA
FLUORESCENCE	LMC3FL43	TRINOC	4X, 10X, 40X, 100X Oil	INFINITY, PL	22MM	COARSE & FINE	FULL	1.25 N.A. ABBE, WITH IRIS, & PH/DF SLOT	3W LED	X/Y MECH STAGE	5 POS	<ul style="list-style-type: none"> <li><span style="color: blue;">●</span> 470 +/- 20</li> <li><span style="color: green;">●</span> 525 +/- 20</li> </ul>
	LMC3FL44	TRINOC	4X, 10X, 40X, 100X Oil	INFINITY, PL	22MM	COARSE & FINE	FULL	1.25 N.A. ABBE, WITH IRIS, & PH/DF SLOT	3W LED	X/Y MECH STAGE	5 POS	<ul style="list-style-type: none"> <li><span style="color: yellow;">●</span> 560 +/- 20</li> <li><span style="color: red;">●</span> 645 +/- 37</li> </ul>
	LMC3FL45	TRINOC	4X, 10X, 40X, 100X Oil	INFINITY, PL	22MM	COARSE & FINE	FULL	1.25 N.A. ABBE, WITH IRIS, & PH/DF SLOT	3W LED	X/Y MECH STAGE	5 POS	<ul style="list-style-type: none"> <li><span style="color: purple;">●</span> 365 +/- 25</li> <li><span style="color: blue;">●</span> 420 LP</li> </ul>
	LMC3FL46	TRINOC	4X, 10X, 40X, 100X Oil	INFINITY, PL	22MM	COARSE & FINE	FULL	1.25 N.A. ABBE, WITH IRIS, & PH/DF SLOT	3W LED	X/Y MECH STAGE	5 POS	<ul style="list-style-type: none"> <li><span style="color: purple;">●</span> 365 +/- 25</li> <li><span style="color: blue;">●</span> 460 +/- 25</li> </ul>