



# LMI-6000 Series **INVERTED**

Ideal for observing critical live cultures, large specimens, and reactions. The ergonomic, robust design efficiently accommodates specimens within all types of culture vessels and multi-well plates. Laxco's LMI-6000 inverted microscopes are the practical choice for research, education, and routine lab use.

## KEY FEATURES

- Large T-Shaped body for maximum stability
- ECO IR sensor automatically saves power when scope is not in use
- 5W transmitted LED
- Brightfield, Phase Contrast and Fluorescence Contrast Methods
- High contrast for cell and tissue culture applications
- Optional mechanical stage for precise x/y control of samples.



Corrected for eyeglasses

Infinity Corrected 

LED Illumination 



## OPTICAL SYSTEM

- Infinity corrected optical system
- Plan Achromatic and Plan Fluor LWD objectives
- Wide range of magnifications: 4x, 10x, 20x, 40x, 60x & 100x
- Anti-reflective coatings on optics
- Sharp images with color corrected optics
- Parcentric & Parfocal objectives



Still Camera  Or  Video Camera

## TRINOCULAR OBSERVATION HEAD

- Integrated trinocular photo port
- 10x magnification, with 22mm wide field eyepieces w/eyecups
- 50 to 75mm interpupillary distance
- 50:50 image split
- 45° inclined head, 360° rotating

## STAND

- Sturdy base designed for the research lab environment
- Attachable X/Y mechanical stage
- Coaxial focus drive, 2 um precision
- Quadruple nosepiece
- 5w LED transmitted illumination
- N.A. 0.3 condenser, working distance 72mm, removable
- Phase contrast slider
- ECO IR Sensor



CAT. NO.	HEAD	OBJECTIVES	OPTICS	FOV	F-CONTROLS	KOEHLER	CONDENSER	ILLUM	STAGE	OBJ TURRET
LMI6PH1	TRINOC	4X, 20X LWD PLAN PH	INFINITY, LWD PLAN PH	22MM	COARSE & FINE	FULL	N.A 0.3 CONDENSER, 72MM WD	5W LED	FIXED	4 POS
LMI6PH2	TRINOC	4X, 10X, 20X, 40X LWD PLAN PH	INFINITY, LWD PLAN PH	22MM	COARSE & FINE	FULL	N.A 0.3 CONDENSER, 72MM WD	5W LED	X/Y MECH STAGE	4 POS
LMI6PH23	TRINOC	4X, 20X LWD PLAN FLUOR PH	INFINITY, LWD PLAN FLUOR PH	22MM	COARSE & FINE	FULL	N.A 0.3 CONDENSER, 72MM WD	5W LED	FIXED	4 POS
LMI6PH24	TRINOC	4X, 10X, 20X, 40X LWD PLAN FLUOR PH	INFINITY, LWD PLAN FLUOR PH	22MM	COARSE & FINE	FULL	N.A 0.3 CONDENSER, 72MM WD	5W LED	X/Y MECH STAGE	4 POS