

LMI-3000 Series Inverted Microscope System

Routine Inverted Microscope



Key Features

- » Color Corrected Infinity Optical System
- » Optional Mechanical Stage for Precise Sample Control
- » Compact Stand Design
- » LED Transmitted Illumination
- » Trinocular Head for Imaging Applications

Ideal for cell and tissue culture applications

Infinity Optical System

Provides excellent optical

Attachable Mechanical Stage Available

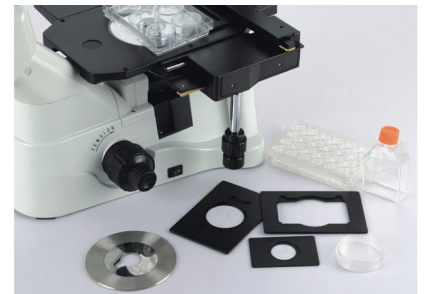
Provide precise sample control at higher magnifications



Ergonomic Design

Focus controls are placed low on the microscope stand to provide optimal ergonomics

Phase Contrast Illumination

Phase contrast illumination system provides excellent contrast for viewing of live cell/tissue culture samples



PHASE CONTRAST		Standard Configurations	
			
SPECIFICATION		MODEL	
Part	Description	LMI3-PH1	LMI3-PH2
EYEPIECE	PLN10X/22mm, Plan high-eyepoint eyepiece	●	●
OBJECTIVES	LWD Infinity Plan Achromat Objective 4x/0.13 N.A. WD = 22mm		●
	LWD Infinity Plan Achromatic Phase Contrast Objective 4x/0.13 N.A. WD = 10.4 mm	●	-
	LWD Infinity Plan Achromatic Phase Contrast Objective 10x/0.25 N.A. WD = 7.3 mm	●	●
	LWD Infinity Plan Achromatic Phase Contrast Objective 20x/0.40 N.A. WD = 6.8 mm	●	●
	LWD Infinity Plan Achromatic Phase Contrast Objective 40x/0.65 N.A. WD = 3.05 mm	●	-
HEAD TYPE	Trinocular Head, 45° inclined, 100:0, 80:20 light split, diopter adjustment and interpupillary adjustment (50-80mm)	●	●
NOSEPIECE	5-position Objective Nosepiece	●	●
CONDENSER	N.A. 0.3 Condenser, WD = 78mm, Removable	●	●
FOCUS	Coaxial Coarse and Fine Adjustment, tension adjustment, precision: 0.002mm	●	●
MECH. STAGE	Attachable Mechanical Stage, Moving Range: 120x80mm, includes vessel holders	●	-
ILLUMINATION	5W LED Transmitted Illumination	●	●
PHASE SLIDER	Pre-Centered Phase Contrast Slider 4x-40x	●	●
FILTERS	45mm IF550 Filter	●	●
	45mm LBD Filter	●	●
FILTER SLIDER	Two-position filter slider, 45mm	●	●



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A Microscope for Everyone



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