

INVERTED TISSUE CULTURE MICROSCOPE



MICROSCOPE MODEL - X3

Medimage Technologies Pvt. Ltd,
3A Type II, I.E. Prashanthi Nagar, Kukatpally, Hyderabad -
Complete Imaging Solutions For Optical Microscopy

Ph:040 - 40021732 , 939104521

[Web:www.metavis.com](http://www.metavis.com)



Long working distance condenser N.A. 0.30, Working distance: 72mm

Working distance: 195mm (without condenser), available for extra high culture dish

large size stage, convenient for research. Size: 240mm (X) × 210 (Y) mm

Mechanical stage available for 96 holes plate. Moving range: 128mm (X) × 80 (Y) mm

Inverted Fluorescence Microscope



Large diameter quintuple nosepiece can be installed more objectives, more convenient for using.

Light distribution (both): 100: 0 (100% for eyepiece);

80: 20 (80% for trinocular head and 20% for eyepiece)

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Culture Dish Holder



Ø65mm



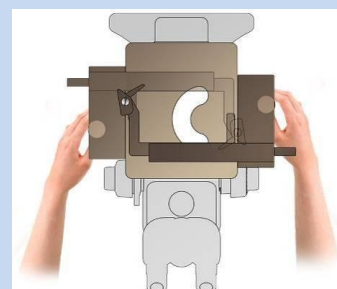
Ø54mm



Ø35mm



blood cell counter



Knob can be changed by left or right



Universal Holder



Glass Holder

Objective Parameter List (Cover-glass thickness 1.1mm)

	Objectives	N.A.	Working distance(mm)
LWD Infinity Plan Objectives	L Plan FL 4X	0.11	12.1
	L Plan FL 10X	0.25	10.3
	L Plan FL 20X	0.45	5.8
	L Plan FL 40X	0.65	5.1
LWD Infinity Plan Phase Contrast Objectives	L Plan FL PHP 4X (Both for Bright Field & Phase Contrast)	0.10	9.2
	L Plan FL PHP 10X (Both for Bright Field & Phase Contrast)	0.25	10.3
	L Plan FL PHP 20X (Both for Bright Field & Phase Contrast)	0.45	5.8
	L Plan FL PHP 40X (Both for Bright Field & Phase Contrast)	0.65	5.1

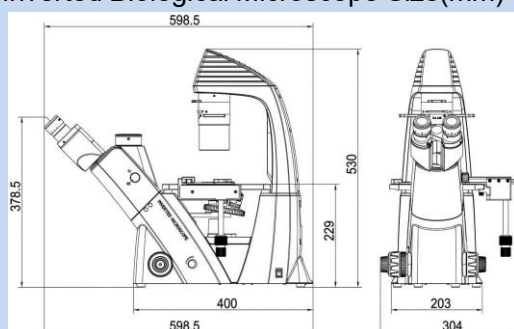


LWD Infinity Plan Objectives

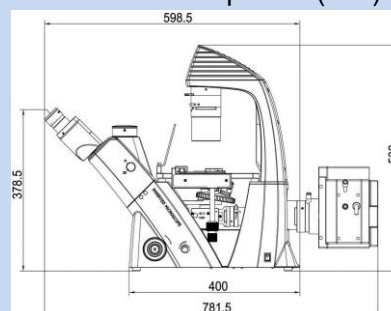


LWD Infinity Plan Phase Contrast Objectives

Inverted Biological Microscope Size(mm)



Inverted Microscope Size(mm)



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MICROSCOPE SPECIFICATION

Item	Specification	Outfits
Eyepiece	WF10× / 22mm	••
LWD Infinity Plan Objectives	L Plan FL 4X / 0.11 W.D.=12.1mm	○
	L Plan FL 10X / 0.25 W.D.=10.3mm	○
	L Plan FL 20X / 0.45 W.D.=5.8mm	○
	L Plan FL 40X / 0.65 W.D.=5.1mm	○
LWD Infinity Plan Phase Contrast Objectives	L Plan FL PHP 4X / 0.10 (Both for Bright Field & Phase Contrast) W.D.=9.2mm	○
	L Plan FL PHP 10X / 0.25 (Both for Bright Field & Phase Contrast) W.D.=10.3mm	•
	L Plan FL PHP 20X / 0.45 (Both for Bright Field & Phase Contrast) W.D.=5.8mm	•
	L Plan FL PHP 40X / 0.65 (Both for Bright Field & Phase Contrast) W.D.=5.1mm	•
Annular Spot	10×/20×/ 40×	•
	4×	○
Seidentopf Trinocular Head	Inclined 45°, interpupillary distance: 48-76mm Light distribution (both): 100: 0 (100% for eyepiece) 80:20 (80% for trinocular head, and 20% for eyepiece)	•
Seidentopf Trinocular Head	Inclined 45°, interpupillary distance: 48-76mm Light distribution (both): 100: 0 and 0:100 (100% for eyepiece or 100% for trinocular head)	○
Nosepiece	Quintuple	•
Mechanical Stage	Stage size: X×Y: 210×241mm, Round slide size: Φ110mm, Attached mechanical stage (Available for 96 holes plate, moving range X×Y: 128×80mm.)	•
Culture Dish Holder	65mm	○
	54mm	•
	35mm	○
	blood cell counter	○
	Glass Holder	○
	Universal Holder	○
Condenser	Long working distance, quickly detachable, N . A . 0 . 3 , Working distance: 72mm (with condenser),195mm (without condenser).	•
Koehler Illumination	6V/30W (input voltage : 100V ~ 240V)	•
	5WLED (input voltage: 100V~240V)	○
Filter	Blue	•
	Green	•
	Amber /Grey	○
C-mount	1 X /0.5X /0.75X C-Mount (focus adjustable)	○
Epi Fluorescence Illumination	Epi fluorescence media unit, field diaphragm center adjustable.	○
	100W mercury lamp ,5W LED (input voltage:100V~240V)	○
	B, G, V, UV fluorescence filters can be chosen	○
Infinity Fluorescence objective	L Plan Fluor 10X/0.3 W.D.=10mm	○
	L Plan Fluor 20X/0.45 W.D.=6.6mm	○
	L Plan Fluor 40X/0.6 W.D.=3.5mm	○

Note: "•"In Table Is Standard outfits, "○" Is Optional Accessories.

Packing Size: 660mm×590mm×325mm

Gross Weight: 18 kgs

Net Weight: 13.5 kgs

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General Layout Diagram

