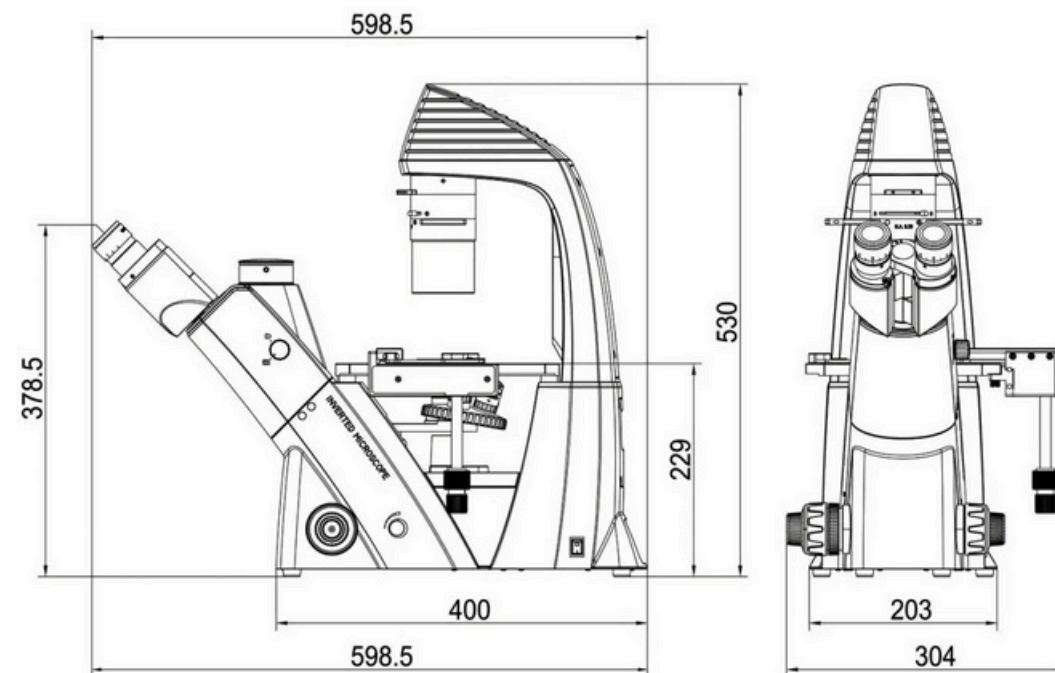




IMX-500

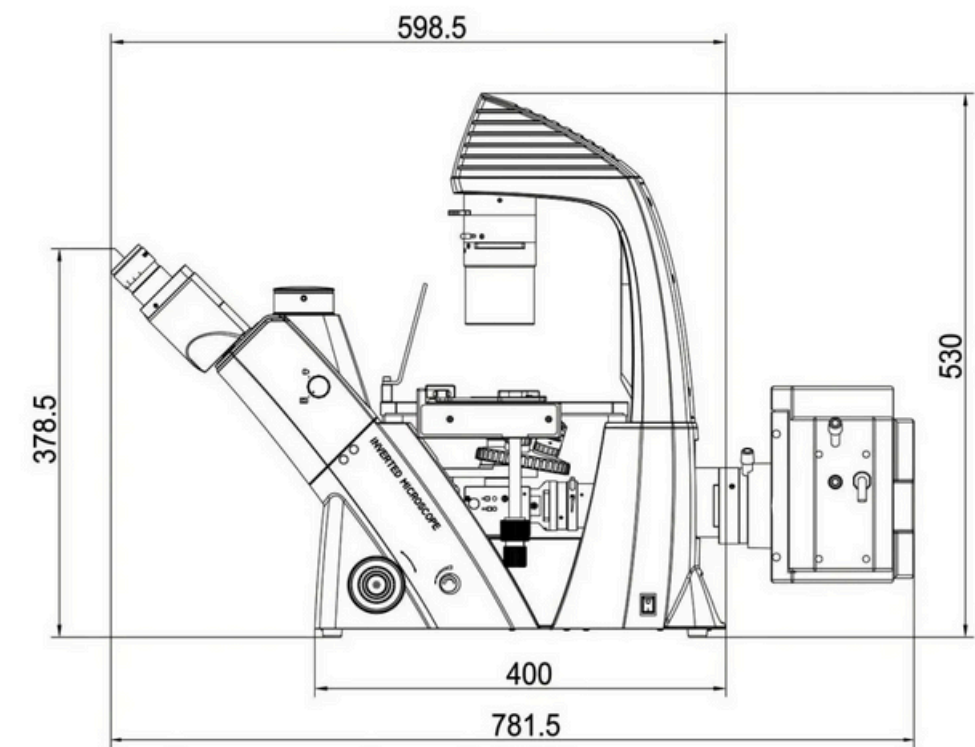
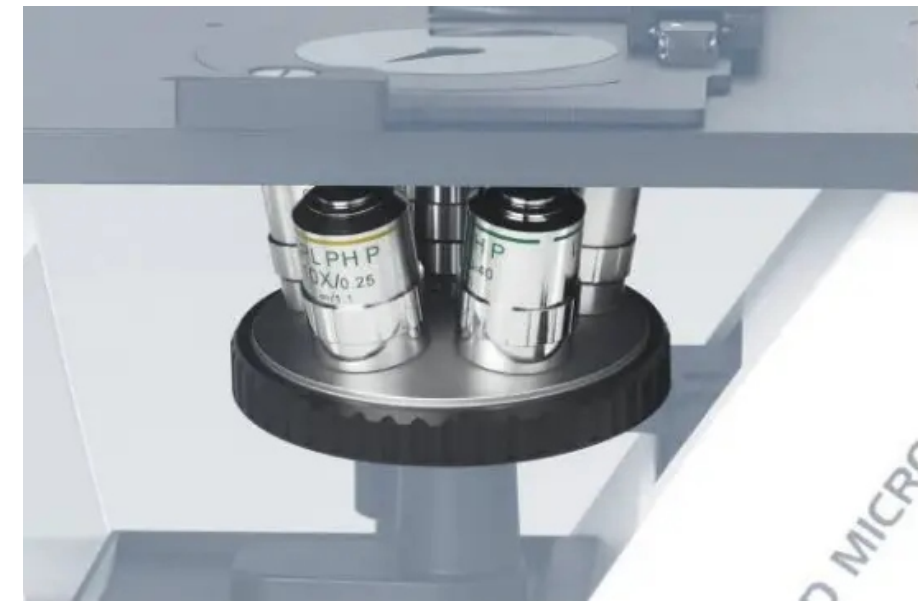
Inverted Biological Microscope

IMX-500 Inverted Biological Microscope



IMX-500 Inverted Biological Microscope Size(mm)

IMX-500 Inverted Fluorescence Microscope



IMX-500 Inverted Fluorescence Microscope Size(mm)

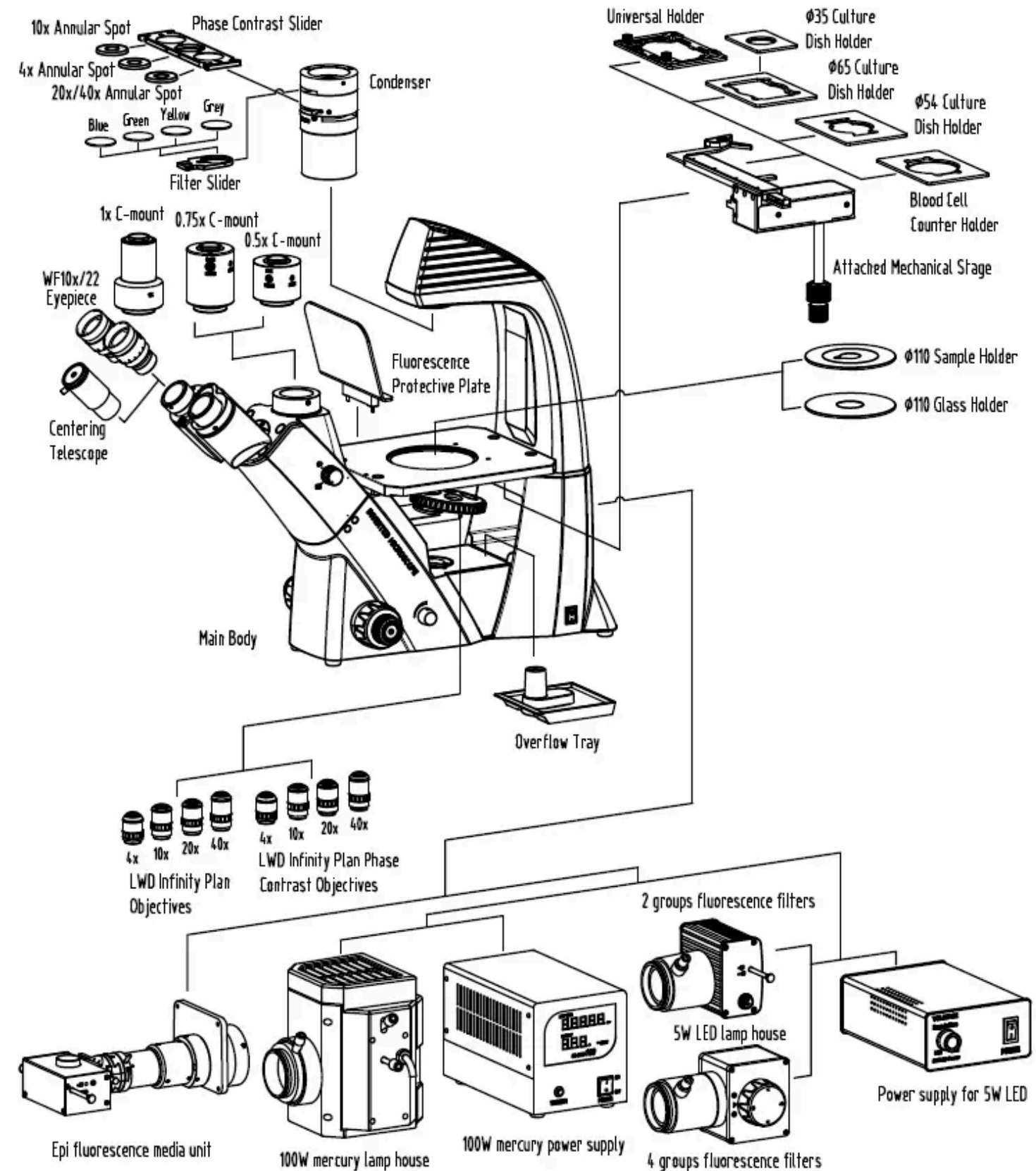
DESCRIPTION

- Same Objective for Both Bright Field & Phase Contrast Observation
- New research and new development
- Apply to observation and cultivation for cell tissue
- 4X/10X/20X/40X Objective for Both Bright Field & Phase Contrast
- 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
- 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)



IMX-500 Inverted Biological Microscope

IMX-500 Inverted Biological Microscope General Layout Diagram



Objective Parameter List (cover-glass Thickness 1.1mm)

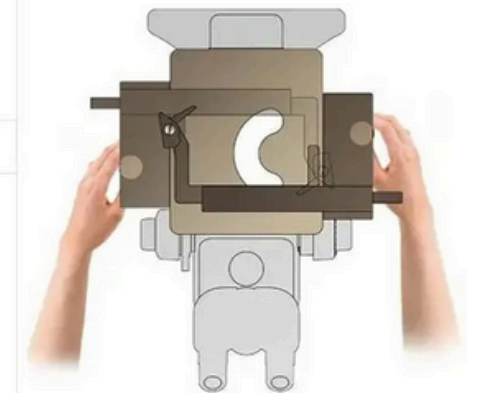


LWD Infinity Plan Objectives



LWD Infinity Plan Phase Contrast Objectives

CULTURE DISH HOLDER



Knob can be changed by left or right

Technical Specifications

Eyepiece LWD Infinity Plan Objectives	Wf10× / 22mm	
	L Plan FL 4X / 0.11 L	W.D.=12.1mm
	Plan FL 10X / 0.25 L	W.D.=10.3mm
	Plan FL 20X / 0.45 L	W.D.=5.8mm
	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) Inclined 45°, interpupillary distance: 48-76mm
Seidentopf Trinocular Head	Light distribution (both): 100: 0 and 0:100 (100% for eyepiece or 100% for trinocular head) Quintuple
Nosepiece	Stage size: X×Y: 210×241mm, Round slide size: Φ110mm,
Mechanical Stage	Attached mechanical stage (available for 96 holes plate, moving range X×Y: 128×80mm.) 65mm
Culture Dish Holder	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) Blue Green Amber /Grey 1 X /0.5X /0.75X C-Mount
Filter	(focus adjustable) Epi Fluorescence media unit , Field diaphragm , center adjustable. 100W mercury lamp ,5WLED(input voltage:100V ~ 240V) B, G, V, UV Fluorescence Filters can be
C -mount	chosen L Plan Fluor 10X/0.3 W.D.=10mm L Plan Fluor 20X/0.45
Epi Fluorescence Illumination	W.D.=6.6mm L Plan Fluor 40X/0.6 W.D.=3.5mm
Infinity Fluorescence objective	

SUDHEER SCIENTIFIC WORKS

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