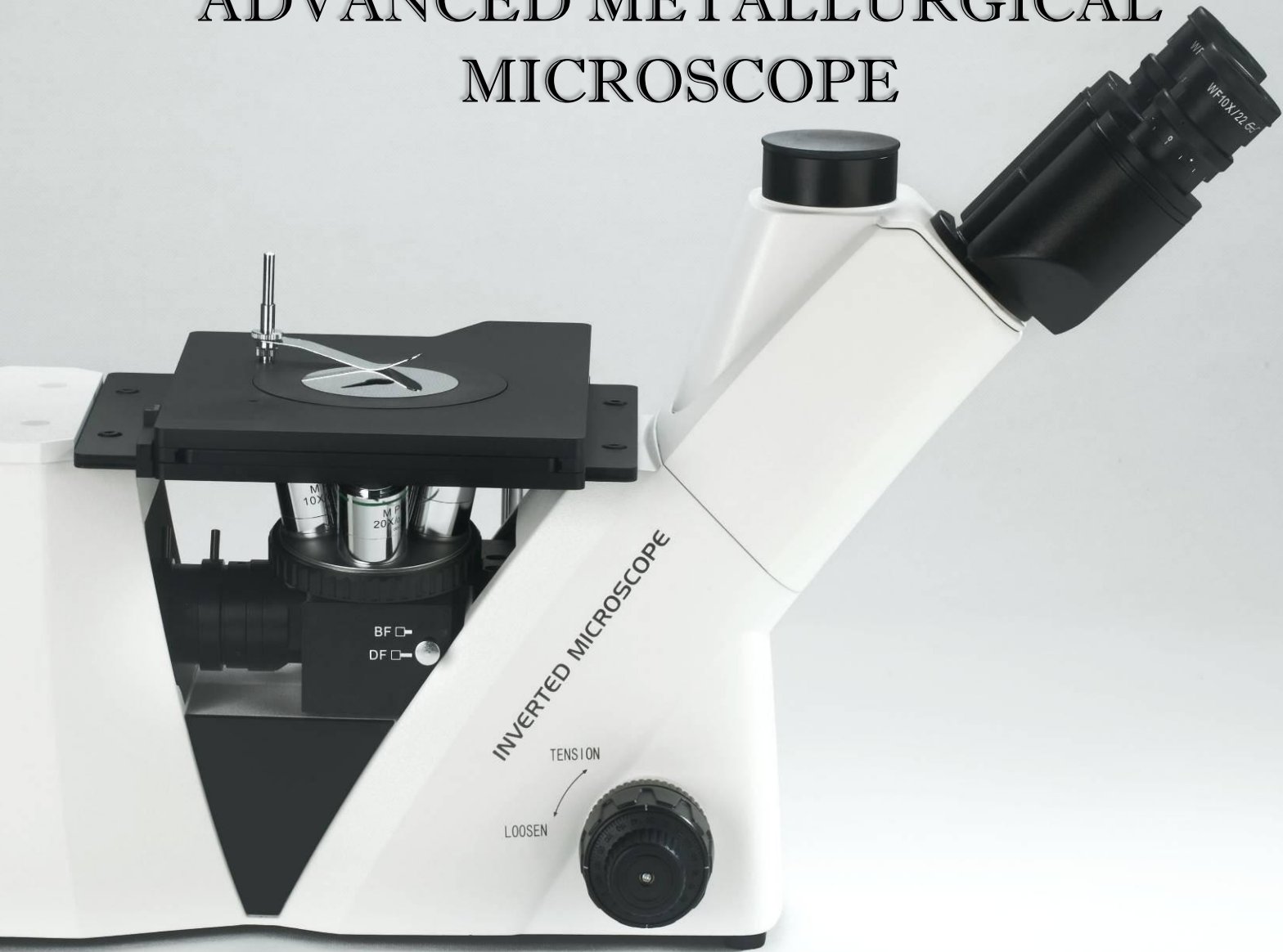


METAVIS ADVANCED METALLURGICAL MICROSCOPE



MODEL: I – 310 BD

I - 310 BD Inverted Metallurgical Microscope

- New research and new development
- Combination with bright field, dark field, polarizing observation etc. Widely used in metal, mineral, electronic field



Dark field objective Make observation in dark & bright field.

Oversize view field eyepiece, view field up to 22mm for comfortable observation.



Oversized three-layer working stage, more choice for samples. Light distribution (both):

100 : 0 (100% for eyepiece) ; 80 : 20 (80% for trinocular head and 20% for eyepiece)

Medimage Technologies Pvt. Ltd,

3A Type II, I.E. Prashanthi Nagar, Kukatpally, Hyderabad - 500072

**Ph:040 - 40021732 ,
9391045211.**

**Email:info@metavis.com
Web:www.metavis.com**

**Complete Imaging Solutions
For Optical Microscopy**



Objective specification: ("•" Is Standard outfits, "○" Is Optional Accessories.)

	Objective	N.A.	Working Distance (mm)	I - 310 BD	I - 310 BD
Metallurgical LWD Infinity Plan Objectives	LPL 5×	0.13	24.23	•	
	LPL 10×	0.25	18.48	•	
	LPL 20×	0.40	8.35	•	
	LPL 40×	0.65	3.90	○	
	LPL 50×	0.70	1.95	•	
	LPL 80×	0.80	0.85	○	
	LPL100×	0.90	1.00	○	
Metallurgical LWD Infinity Plan Objectives for Bright/Dark Field	M PLAN 5× BD	0.13	24.23		•
	M PLAN 10× BD	0.25	18.48		•
	M PLAN 20× BD	0.40	8.35		•
	M PLAN 50× BD	0.70	1.95		•
	M PLAN 80× BD	0.80	0.85		○

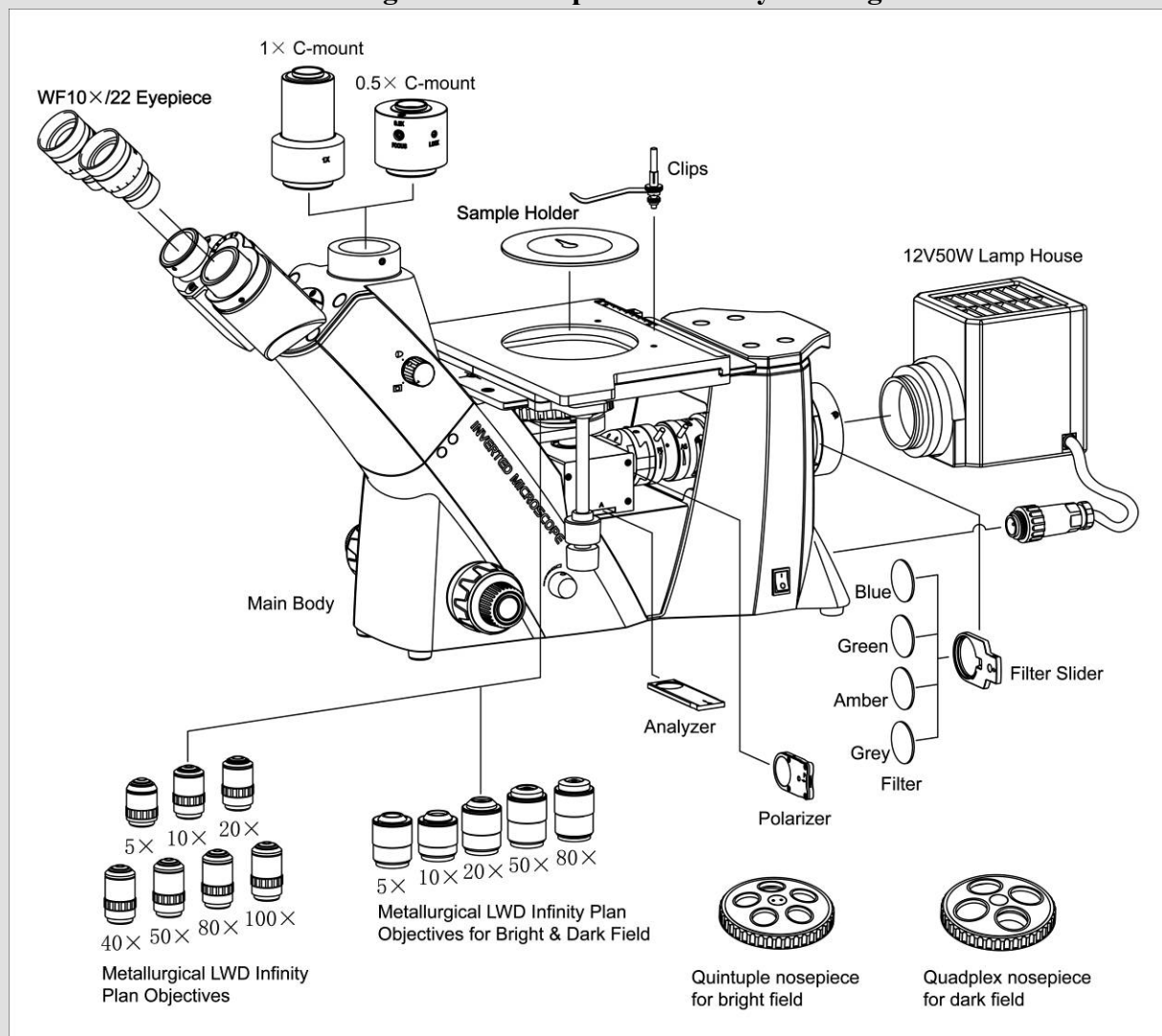


Metallurgical LWD Infinity Plan Objectives

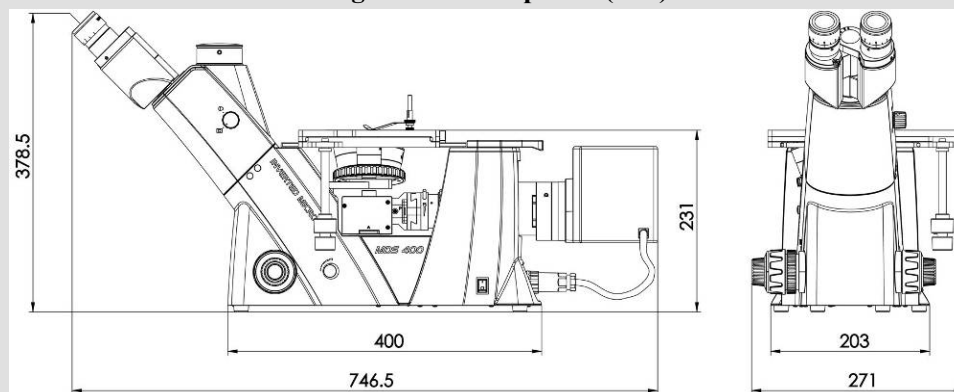


Metallurgical LWD Infinity Plan Objectives for Bright & Dark Field

I - 310 BD Inverted Metallurgical Microscope General Layout Diagram



I - 310 BD Inverted Metallurgical Microscope Size(mm)



I - 310 BD Inverted Metallurgical Microscope Outfits

Item	Specification	I - 310 BD	I - 310 BD
Eyepiece	WF10× / 22mm (adjustable)	●	●
	WF10× / 22mm (adjustable, reticule 0.1mm)	●	●
Metallurgical LWD Infinity Plan Objectives	LPL 5× / 0.13 W.D.=24.23mm	●	○
	LPL 10× / 0.25 W.D.= 18.48mm	●	○
	LPL 20× / 0.40 W.D.= 8.35mm	●	○
	LPL 50× / 0.70(S) W.D.= 1.95mm	●	○
	LPL 40× / 0.65 W.D.= 3.90mm	○	○
	LPL 80× / 0.80(S) W.D.= 0.85mm	○	○
	LPL 100× / 0.90(S) W.D.= 1.00mm	○	○
Metallurgical LWD Infinity Plan Objectives for Bright & Dark Field	M PLAN 5× / 0.13 BD W.D.=24.23mm		●
	M PLAN 10× / 0.25 BD W.D.= 18.48mm		●
	M PLAN 20× / 0.40 BD W.D.= 8.35mm		●
	M PLAN 50× / 0.70 BD W.D.= 1.95mm		●
	M PLAN 80× / 0.80 BD W.D.= 0.85mm		○
Seidentopf Trinocular Head	Inclined 30°, interpupillary distance: 48-76mm		
	Light distribution (both):100: 0 (100% for eyepiece) 80:20 (80% for trinocular head,and 20% for eyepiece)	●	●
Nosepiece	Quintuple	●	
	Quadplex (specially for bright /dark field objectives)		●
Mechanical Stage	Three layers, Stage size: 210 mm×180mm, Moving range:50×50mm , Scale : 0.1mm	●	●
Coaxial Coarse and Fine Focusing unit	Coarse stroke: 10mm, Fine stroke per rotation: 0.2mm, fine division 2 μm.	●	●
Polarizing Unit	Polarizer /Analyzer	●	●
Illumination	12V/50W Halogen (Input voltage: 100V~240V)	●	●
Filter	Blue	●	●
	Green	○	○
	Amber	○	○
	Grey	○	○
C-mount	1×C-Mount	○	○
	0.5× C-Mount (focus adjustable)	○	○

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

Packing Size: 660mm×590mm×325mm

Gross Weight: 17 kgs

Net Weight: 12.5 kgs