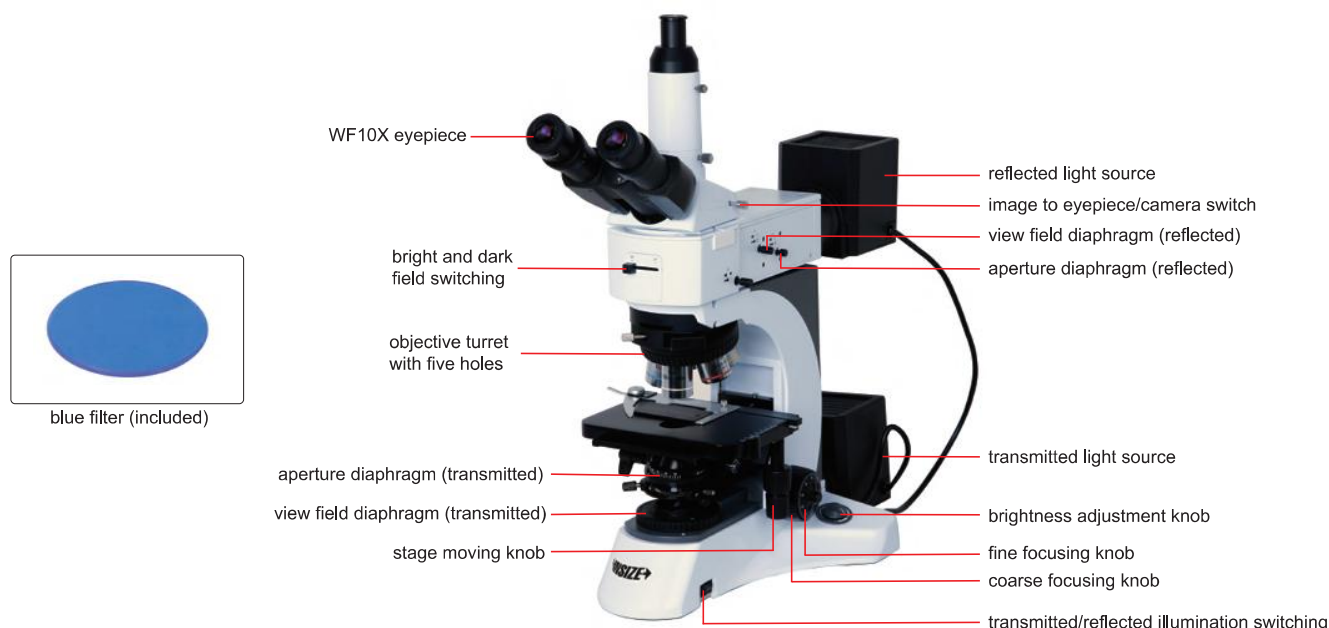


# METALLURGICAL MICROSCOPE

## CODE 5105-M800



■ Supports observation modes like brightfield, darkfield, polarized light, DIC, etc.

### SPECIFICATION

Magnification	50X~1000X						
Eyepiece (wide field)	10X (view field: Ø22mm)						
Objective (plan achromatic)	bright & dark field objectives					bright field objectives	
	5X	10X	20X	50X	100X	40X	100X(oil)
Numerical aperture	0.15	0.25	0.40	0.75	0.80	0.65	1.25
Working distance	12.0mm	10.0mm	4.30mm	0.32mm	2.00mm	0.54mm	0.13mm
Stage	X-Y double layer, size: 186×138mm, travel: 74×50mm						
Transmitted illumination light source	24V/100W halogen lamp, brightness is adjustable built-in blue color filter						
Reflected illumination light source	24V/100W halogen lamp, brightness is adjustable built-in green, blue, yellow color filters and frosted glass						
Pupil distance	48~75mm						
Diopter adjustment	±5 diopter (one eyepiece)						
Power supply	110/220V, 50/60Hz						
Dimension (L×W×H)	647×268×376mm						
Weight	18kg						

### OPTIONAL ACCESSORY

2.5X bright field plan achromatic objective		5105-M-OB2.5X
40X bright and dark field plan achromatic objective		5105-M-BD40X
DIC objective*	20X	5105-M-DIC20X
	100X	5105-M-DIC100X
Rectangular glass stage		5105-M-STAGE
Polarizer and analyzer		5105-M-POA
Camera and software**		ISM-MP8B, ISM-KM60, ISM-CM63, ISM-IC80, ISM-MAS100, ISM-MAS200, ISM-MAS300
0.75X camera adapter		ISM-AD-0D75
1X camera adapter		ISM-MAS-1XADAPTER

\* DIC objectives must be used with the **5105-M-POA**

\*\* Camera and software must be used with camera adapter

### STANDARD DELIVERY

Main unit	1 pc
Anti-dust cover	1 pc
Blue filter	1 pc