

METALLURGICAL MICROSCOPES



- Infinite optical system, polarization observation, dark field observation
- Kohler illumination system provides uniform illumination field
- Objectives 50X, 100X are spring type

SPECIFICATION

Part No.	5103-M1000-U (bright field objectives)				5103-M1000BD-U (bright & dark field objectives)			
Illumination	6V/30W halogen lamp, brightness is adjustable				12V/50W halogen lamp, brightness is adjustable			
Objective (infinite plan achromatic)	bright field objectives				bright & dark field objectives			
	10X	20X	50X	100X	5X	10X	20X	50X
Working distance	.80"	.35"	.14"	.02"	.38"	.37"	.28"	.10"
Numerical aperture	0.25	0.40	0.70	0.85	0.12	0.25	0.40	0.70
Magnification	100X~1000X				50X~500X			
Eyepiece (wide field)	10X (view field .87" DIA)							
Stage	double layer							
	size: 9.53×7.87"							
	travel: 1.18x1.18"							
Pupil distance	2.09~2.95"							
Diopter adjustment	±5 diopter (one eyepiece)							
Power supply	110V, 50/60Hz							
Dimension (L×W×H)	24.17×9.84×15.51"							
Weight	28.66lb							

STANDARD DELIVERY

Main unit	1 pc
Polarizer and analyzer	1 pc of each
Anti-dust cover	1 pc

OPTIONAL ACCESSORY

Bright & dark field objective (for 5103-M1000BD-U)	PL40X	5101-M-BD40X
	PL60X	5101-M-BD60X
	PL80X	5101-M-BD80X
	PL100X	5101-M-BD100X
10X dividing eyepiece (.004"/0.1mm)		5101-M-EPD10X
Bright field objective (for 5103-M1000-U)	PL5X	5101-M-OB5X
	PL40X	5101-M-OB40X
	PL60X	5101-M-OB60X
	PL80X	5101-M-OB80X
Digital camera		ISM-CM63
Camera adapter*		5101-M-ADAPTER

* Digital camera must be used with camera adapter