





calibration rule (included, graduation 0.01mm)

For high magnification observation and metallurgical image analysis

10X

- Infinite optical system, can add optical accessories like polarizer, analyzer, DIC (code ISM-M2000-DIC) into optical path without image quality influence

- Objective can be used in both bright field and dark field Kohler illumination system provides uniform illumination field Three working modes: 100% eyepiece observation, 100% camera observation, both eyepiece and camera observation (80% illuminance for camera and 20% illuminance for eyepiece)

## METALLURGICAL MICROSCOPE CODE ISM-M2000 eyepiece camera connector (80% illuminance) illumination objective image to eyepiece/camera switch camera connector (100% illuminance) stage moving knob fine focusing knob (graduation 2µm) focusing knob

#### SPECIFICATION

Eyepiece (wide field)	10X (view field: Ø22mm)				
Objective (plan achromatic)	5X (included)	10X (included)	20X (included)	50X (included)	100X (included)
Numerical aperture	0.12	0.25	0.40	0.75	0.90
Working distance	10mm	10mm	5mm	1.3mm	0.7mm
Stage		er, size: 160 50mm (grad	×140mm, duation: 0.1r	mm)	
Kohler illumination	with polari	zer and ana	p, brightnes lyzer, built-ir frosted glas		ole
Pupil distance	48~75mm				
Diopter adjustment	±5 diopter	(two eyepie	ces)		
Power supply	110/220V,	50/60Hz			
Dimension (L×W×H)	647×268×	376mm			
Weight	12kg				

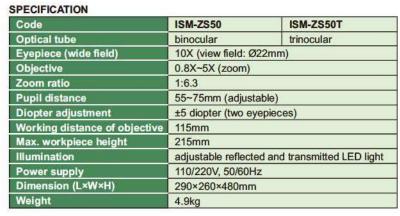
### STANDARD DELIVERY

Main unit	1pc
10X dividing eyepiece (0.1mm/div.)	1pc
Calibration rule (graduation 0.01mm)	1pc
Camera adapter	1pc
Adapter 0.5X	1pc
Anti-dust cover	1pc

#### **OPTIONAL ACCESSORY**

15X eyepiece (view field: Ø16mm)	ISM-M2000-15X
20X eyepiece (view field: Ø12mm)	ISM-M2000-20X
DIC	ISM-M2000-DIC
Metallurgical image analysis software and camera	ISM-MAS100

### **ZOOM STEREO MICROSCOPES**



# objective magnification adjustment reflected LED light objective focus adjustment reflected LED light adjustment transmitted LED light adjustment working stage diameter: 100mm

#### ISM-ZS50

### STANDARD DELIVERY

Main unit	1pc
WF 10X eyepiece	2pcs
Ø100mm glass plate	1pc
Ø100mm white/black plate	1pc
Anti-dust cover	1pc

### OPTIONAL ACCESSORY

WF 10X eyepiece

Auxiliary	0.5X	ISM-ZS50-OB05X
objective	2X	ISM-ZS50-OB2X
Eyepiece	10X dividing eyepiece (0.1mm/div.)	ISM-ZS50-EPD10X
	WF15X (view field: Ø16mm)	ISM-ZS50-EP15X
	WF20X (view field: Ø12mm)	ISM-ZS50-EP20X
Digital cam	era	ISM-D500