

## J-ZDM Microscope

Specification	
Viewing Head	Compensation Free Trinocular Head, Inclined 30° (50mm-75mm)
Eyepiece	WF10×/25mm
	WF10×/20mm, crosshair with reticule 0.1mm
Nosepiece	Quintuple Nosepiece with DIC Jack
Objective	Long working distance bright and dark field Infinite Plan objectives: 5 ×/0.1B.D/W.D.29.4mm 10×/0.25B.D/W.D.16mm 20×/0.40B.D/W.D.10.6mm 40 ×/0.60B.D/W.D.5.4mm
Stage	Double layer mechanical stage
	Stage Size: 350mm×310mm
	Moving Range:250mm×250mm
Filter	Flashboard type filters(green,blue,neutral)
Focusing	Coaxial coarse & fine focusing adjustment With rack and pinion mechanism Fine focusing scale value 0.002mm
Light Source	Epi-illumination: With aperture iris diaphragm and field iris Diaphragm, Halogen Bulb 12V/100W, AC85V-230V, Brightness Adjustable
Polarizing Device	Analyzer rotatable 360°, Polariaer & Analyzer can be moved in/out of the optical path
Checking Tool	0.01mm Micrometer
Optional Accessory	Eyepiece: WF15×/17mm, WF20×/12.5mm
	1.3Mega, 2.0 Mega, 3.0 Mega, 5.0 Mega pixels CMOS Digital camera eyepiece
	Long working distance bright and dark field Infinite Plan objectives: 50 ×/0.55B.D/W.D.5.1mm, 80×/0.75B.D/W.D.4mm, 100×/0.80B.D/W.D.3mm
	Two-dimensional measurement software
	Professional metallurgical image analysis software
	DIC (10×, 20×, 40×, 100×)
	Photography attachment and CCD Adapter 0.5×, 0.57×, 0.75×
	Planish tool
CCD Camera, colour 1/3" High resolution 520 TV lines	

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### Characteristics and description

1. Adopt UIS High-resolution, Long working distance, and infinity light path correcting system objective imaging technology
2. Extending the multiplexing technology of objective, compatible infinity objective with all the observation methods. including bright & dark field observation, polarization and also provide with high clear and sharp image in each observation method.
3. Aspherical surface Kohler illumination, increasing the viewing brightness.
4. WF10 X (Φ25) super wide field Eyepiece, long working distance metallurgical objective with bright and dark field
5. The Nosepiece can be equipped with detachable DIC differential interference device.

Note: “●” in the table is standard attachment. “○” is optional accessories.

Design change: To keep pace with technological advances, we have reserved the right to make design modification and changes without notice.



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