

## INTRODUCTION

JXL-201 series reflected metallurgical microscopes are suitable to observe the microscopical surfaces of non-transparent object.

They are equipped with large move range mechanical stages, reflected vertical illumination and set polarizer device in trinocular. They have clear and high-contrast picture beautiful sculpt, convenient control and etc. they are the ideal instrument in research work in metallography, mineralogy, precision engineering, electronics and etc. They are suitable for scientific research, teaching demonstration in the colleges and factory.



## FEATURES

- \* With plan achromatic objectives with long working distance (no cover glass) and wide-field eyepieces, can get clear pictures and wide view field.
- \* With large move range mechanical stages, can move quickly and slowly.
- \* Coaxial coarse/fine focus system, with tension adjustable and up stop, minimum division of fine focusing: 2 $\mu$ m.
- \* 6V 20W Halogen lamp, brightness control.
- \* Trinocular, can switch to observe normally or to observe the polarize, can send 100% of light to the binocular eyepieces or to the top port.

LAS IMAGENES PUEDEN VARIAR DEL ORIGINAL; INFORMACIÓN SUJETA A CAMBIO SIN PREVIO AVISO

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[www.cmsmetrology.com.mx](http://www.cmsmetrology.com.mx)

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## STANDARD CONFIGURATION

Model	JXL-201	JXL-201A
Eyepiece	Wide field WF10X (18mm)	
Objetive	Plan achromatic objectives with long working distance (no cover glass) PL 5X/0.12	
	Plan achromatic objectives with long working distance (no cover glass) PL L10X/0.25	
	Plan achromatic objectives with long working distance (no cover glass) PL L20X/0.40	
	Plan achromatic objectives with long working distance (no cover glass) PL L40X/0.60	
	Plan achromatic objectives with long working distance (no cover glass) PL L80X/0.80	
Eyepiece tube	Trinocular, Inclination of 30°, 30°, [Analyzer with field diaphragm to switch]	
Vertical Illumination unit	6V 20w, halogen lamp, adjustable brightness	
Focus system	Vertical adjustable, Coaxial coarse/fine focus system, with tensional adjustable and up stop, minimum division of fine focusing 2µm.	
Nosepiece	Quintuple(Frontward ball bearing inner locating)	
Stage	Three layer mechanical Size:250mmX230mm,movingrange:154mmX154mm	Three layer mechanical Size:280mmX270mm,movingrange:204mmX204mm

## OPTIONAL ACCESORIES

Name	Sort/Technique parameter
Eyepiece	Wide field WF16X (11mm)
	Dividing 10X(18mm) 0.1mm/Div
Objetive	Plan achromatic objectives with long working distance (no cover glass) PL L 50X/0.70
	Plan achromatic objectives with long working distance (no cover glass) PL L 60X/0.75 (Spring)
	Plan achromatic objectives with long working distance (no cover glass) PL L 100X/0.85 (Spring)
	Plan achromatic objectives (no cover glass) PL 100X/1.25 (Spring, oil)
CCD adapter	0.4X
	0.5X
	0.5X with dividing 0.1mm/Div
Camera with USB2.0 Port	DV-100
	DV-200
	DV-300
Photo unit	2.5X/4X Change over photograph attachment with 10X viewing eyepiece
	4X Focusing photograph attachment
	MD Adapter
	PK Adapter
Digital camera adapter	CANON(A610,A620,A630,A640)

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