

Upright Reflected Metallurgical Microscope with Polarizer Device in Trinocular



iMet-213A reflected metallurgical microscope is suitable to observe the surfaces of non-transparent object.

iMet-213A is equipped with vertical illuminator, plan achromatic objectives with long working distance (no cover glass), wide-field eyepieces and set polarizer device in trinocular.

iMet-213A provide clear and high-contrast picture, beautiful sculpt, convenient operation, etc.

iMet-213A is an ideal instruments for research work in metallography, mineralogy, precision engineering, electronics, etc, and 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.
- ▲Coaxial coarse/fine focus system, with tensional adjustable and up stop, minimum division of fine focusing: 2 μ m.
- ▲6V 20W halogen lamp, adjustable brightness.
- ▲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.

Technical Specifications:

Model	iMet-213A
Eyepiece	Wide field WF10X(Φ 18mm)
Objective	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 L50X/0.70
Eyepieces tube	Trinocular, Inclination of 30°, (Analyzer with field diaphragm to switch)
Vertical illumination unit	6V 20W, Halogen lamp, Adjustable brightness
	Vertical illumination With field diaphragm ,aperture diaphragm and polarizer,(Y,B,G)filter and Ground glass
Focus system	Coaxial coarse/fine focus system, with tension adjustable and up stop, minimum division of fine focusing: 2 μ m.
Nosepiece	Quadruple Backward ball bearing inner locating
Stage	Double layer mechanical (Size: 210mmX140mm,movingrange:63mmX50mm)