

# Metallurgical Microscope

GI-M3R



**GI-M3R** reflected metallurgical microscope is suitable to observe the surfaces of non-transparent object. It is equipped with vertical illuminator, plan achromatic objectives with long working distance (no cover glass), wide-field eyepieces and set polarizer device in trinocular. It provide clear and high-contrast picture, beautiful sculpt, convenient operation, etc. It is the ideal instruments for research work in metallography, mineralogy, precision engineering, electronics, etc. It is 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 $\mu$ m.
- With vertical illuminator, can observe surfaces of non-transparent object.
- 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.

<b>Eyepiece</b>	Wide field WF10X/20mm (pair)
<b>Objective</b>	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
	Plan achromatic objectives with long working distance (no cover glass) PL L100X/0.85S
<b>Eyepiece Tube</b>	Trinocular head, Inclination of 30°, (Analyzer with field diaphragm to switch)
<b>Reflected Illumination unit</b>	6v 20w, halogen lamp, adjustable brightness, 220v-240v 50Hz
	Reflected illumination with field diaphragm, aperture diaphragm and polarizer,(Y,B,G) filter and Ground glass
<b>Focus System</b>	Coaxial coarse/fine focus system, with tension adjustable and limit stopper, minimum division of fine focusing: 2 $\mu$ m.
<b>Nosepiece</b>	Quintuple (Backward ball bearing inner locating)
<b>Stage</b>	Double layer mechanical stage, Size 210mmx140mm,moving range 75mmx50mm
<b>Accessories</b>	Dust Cover, Instruction manual
<b>Optional</b>	Eyepiece with dividing 0.1mm/div
	PL L40X/0.60, PL L60X/0.75, PL L80X/0.80
	CCD adapter 0.5X, 1X