

L2020 Reflected And Transmitted Metallurgical Microscope

L2020 reflected and transmitted metallurgical microscope is equipped with reflected and transmitted illuminator system, plan achromatic objectives with long working distance (no cover glass), wide field eyepieces and set polarizer device in trinocular. They can obtain clean image in the wide visual field, can be broadly applied in mine, colleges and scientific research department to observe internal configuration of material.



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: $2\mu\text{m}$.
- * Utilize reflected & transmitted light mix illumination; you can descry the special effect in some object.
- * 6V 20W Halogen lamp, adjustable 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.

Specification:

Model	L2020A
Eyepiece	Wide field WF10X($\varnothing 18\text{mm}$)
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 L40X/0.60
	Plan achromatic objectives with long working distance (no cover glass) PL L60X/0.75 (Spring)
Eyepieces tube	Trinocular, Inclination of 30° , (Analyzer with field diaphragm to switch)
Vertical illumination unit	6V 20w, halogen lamp, adjustable control.
	Vertical illumination with field diaphragm, aperture diaphragm and polarizer, (Y,B,G) filter and frosted filter
Focus system	Coaxial coarse/fine focus system, with tensional adjustable and up stop, minimum division of fine focusing: $2\mu\text{m}$.
Nosepiece	Quadruple (Backward ball bearing inner locating)
Stage	Double layer mechanical (Size: $160\text{mm} \times 140\text{mm}$, moving range: $75\text{mm} \times 50\text{mm}$)
Vertical illumination unit	Abbe condenser NA. 1.25 (Rack & pinion adjustable)
	(B,G) filter and Frosted filter
	Collector for halogen lamp
	6V 20w halogen lamp, adjustable control.