



## Metallurgical Microscope MMMM-A108

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# Metallurgical Microscope MMMM-A108

Metallurgical Microscope MMMM-A108 offers wide-field eyepieces and objectives ranging from 2.5X to 100X. Designed with infinite optical system, delivering sharp and high-quality imaging. Features kohler illumination system with halogen or LED lighting for high-intensity illumination. Built with quadruple nosepiece allowing seamless magnification transitions. Our microscope complemented by color filters and polarization set ensures enhanced contrast.

## Features:

High magnification objective with long working distance

Infinitive plan achromatic objectives

Double-layer mechanical stage

Illumination with adjustable brightness

## Applications:

Metallurgical Microscope MMMM-A108 is designed for advanced material analysis in industrial and research applications. It is ideal for examining metal structures, coatings, composite materials, and semiconductor components.

## Specifications :

|                                           |                                                                                                                                                                                                                                                                                   |
|-------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Optical System</b>                     | Infinite optical system                                                                                                                                                                                                                                                           |
| <b>Viewing Head</b>                       | Hinged type binocular head                                                                                                                                                                                                                                                        |
| <b>Eyepiece</b>                           | WF10X/18<br>WF8X/18<br>WF10X/18 with 0.1mm Micrometer & crosshair<br>WF12.5X/15                                                                                                                                                                                                   |
| <b>Objective</b>                          | 2.5X/0.08/?/- WD 11.7mm<br>2.5X/0.08/?/- WD 10.7mm?? slide?<br>4X/0.1/?/- WD17.3mm<br>5X/0.12/?/- WD15.5mm<br>10X/0.25/?/- WD10.0mm<br>20X/0.40/?/0 WD5.8mm<br>40X/0.60/?/0 WD2.90mm<br>50X/0.75/?/0 WD0.32mm<br>100X/0.80/?/0 WD2mm                                              |
| <b>Nosepiece</b>                          | Quadruple nosepiece                                                                                                                                                                                                                                                               |
| <b>Stage</b>                              | 150×140mm/75×50mm                                                                                                                                                                                                                                                                 |
| <b>Focusing</b>                           | Coaxial fine and coarse adjustment                                                                                                                                                                                                                                                |
| <b>Illumination</b>                       | Kohler Illumination, Epi-illuminator with iris aperture diaphragm and iris field diaphragm, 6V/20W Halogen lamp<br>Kohler Illumination, Epi-illuminator with iris aperture diaphragm and iris field diaphragm, 3W LED illumination<br>Diascopic Illumination, 6V/20W Halogen lamp |
| <b>Filters</b>                            | Blue<br>Green<br>Yellow<br>Ground glass                                                                                                                                                                                                                                           |
| <b>Metallurgical Specimen Preparation</b> | Specimen Presser                                                                                                                                                                                                                                                                  |



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