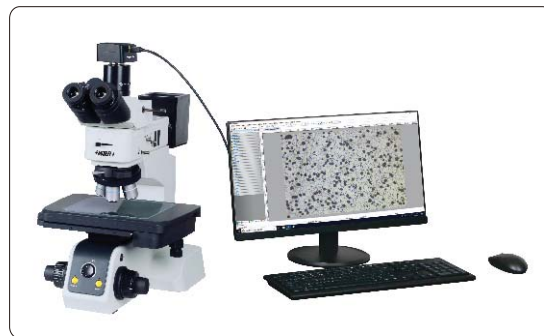


METALLURGICAL MICROSCOPE(PROFESSIONAL TYPE)



digital camera (with software) and computer is optional

- Infinite chromatic aberration correction optical system
- Three way observation tube with infinite hinge
- Translucent and reflective frame, front low-hand position coarse and fine coaxial focus adjustment mechanism, with adjustment elastic device to prevent sliding and random upper limit device
- Bright and dark field five-hole converter with DIC slot
- Adopt digital dimming, with light intensity reset and setting function
- With polarizer insert plate and 360°rotating analyzer insert slot

SPECIFICATION

| Code | 5108-M3000(standard type) | | | | 5108-M3000H(high-definition type) | | | |
|--|--|-------|--------|-------|-----------------------------------|------|-------|-------|
| Eyepiece | high eye point large field SWH10X-H (view field: Ø25mm, adjustable visibility) | | | | | | | |
| Objective (infinite long working distance bright and dark field semi achromatic) | 5X | 10X | 20X | 50X | 5X | 10X | 20X | 50X |
| Working distance | 15mm | 8.4mm | 10.3mm | 3.0mm | 20mm | 11mm | 3.0mm | 1.0mm |
| Numerical aperture | 0.15 | 0.30 | 0.40 | 0.75 | 0.15 | 0.30 | 0.45 | 0.80 |
| Optical magnification | 50X~500X(up to 1000X with optional 100X objective) | | | | | | | |
| Digital magnification | 170X~1700X(on 21.5" monitor), up to 3400X with optional 100X objective | | | | | | | |
| Stage | double layer | | | | | | | |
| | size: 310×140mm travel: 150×100mm | | | | | | | |
| Condenser | roll-out achromatic condenser (numerical aperture 0.9) | | | | | | | |
| Illumination | 5W LED, transmitted and reflected | | | | | | | |
| Observation Tube | inverse image, distance adjustment: 50~76mm, two grade spectral ratio binocular: trinocular=100: 0 | | | | | | | |
| Diopter adjustment | ±5 diopter (two eyepieces) | | | | | | | |
| Power Supply | built-in 100-240V | | | | | | | |
| Dimension (L×W×H) | 310×600×500mm | | | | | | | |
| Weight | 27kg | | | | | | | |

STANDARD DELIVERY

| | |
|--|--------------|
| Main unit | 1 pc |
| Anti-dust cover | 1 pc |
| 0.65X camera adapter(adjustable focus) | 1 pc |
| Polarizer and analyzer | 1 pc of each |

OPTIONAL ACCESSORY

| | |
|---|-----------------|
| Camera and software | ISM-CM63 |
| Glass calibration rule | ISM-MAS-SCALE |
| Computer | 5108-M-COMPUTER |
| 2.5X infinite long working distance bright field semi achromatic objective | 5108-M-OB2.5X |
| 100X infinite long working distance bright and dark field semi achromatic objective | 5108-M-BD100X |
| 50X infinite long working distance bright and dark field achromatic objective | 5108-M-APO50X |
| 100X infinite long working distance bright and dark field achromatic objective | 5108-M-APO100X |
| Differential interference module(DIC) | 5108-M-DIC |