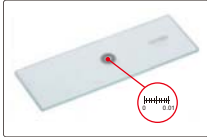


METALLURGICAL MICROSCOPE CODE ISM-M2000

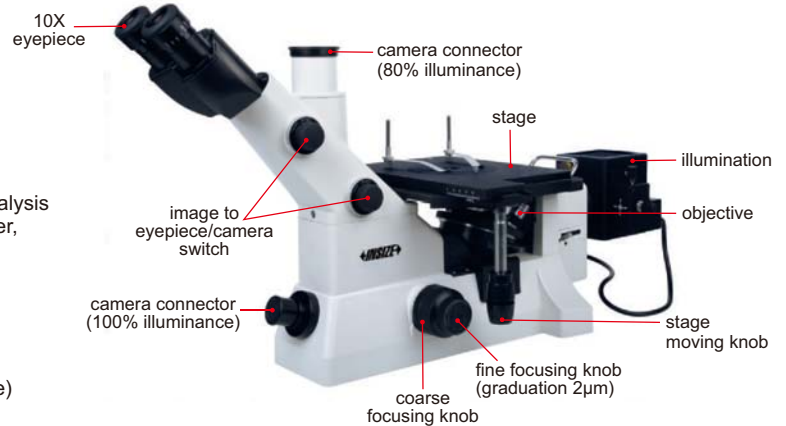


adapter 0.5X
(included)



calibration rule
(graduation 0.01mm)

- For high magnification observation and metallurgical image analysis
- Infinite optical system, can add optical accessories like polarizer, analyzer, DIC (code ISM-M2000-DIC) into optical path without image quality influence
- Objective can be used in both bright field and dark field
- Kohler illumination system provides uniform illumination field
- Three working modes: 100% eyepiece observation, 100% camera observation, both eyepiece and camera observation (80% illuminance for camera and 20% illuminance for eyepiece)



SPECIFICATION

| | | | | | |
|------------------------------------|--|----------------|----------------|----------------|-----------------|
| Eyeiece (wide field) | 10X (view field: Ø22mm) | | | | |
| Objective (plan achromatic) | 5X (included) | 10X (included) | 20X (included) | 50X (included) | 100X (included) |
| Numerical aperture | 0.12 | 0.25 | 0.40 | 0.75 | 0.90 |
| Working distance | 10mm | 10mm | 5mm | 1.3mm | 0.7mm |
| Stage | double layer, size: 160×140mm, travel: 75×50mm (graduation: 0.1mm) | | | | |
| Kohler illumination | 12V/50W halogen lamp, brightness is adjustable with polarizer and analyzer, built-in green, yellow, blue, gray and frosted glass | | | | |
| Pupil distance | 48~75mm | | | | |
| Diopter adjustment | ±5 diopter (two eyepieces) | | | | |
| Power supply | 110/220V, 50/60Hz | | | | |
| Dimension (L×W×H) | 647×268×376mm | | | | |
| Weight | 12kg | | | | |

STANDARD DELIVERY

| | |
|---|-----|
| Main unit | 1pc |
| 10X dividing eyepiece (0.1mm/div.) | 1pc |
| Calibration rule (graduation 0.01mm) | 1pc |
| Camera adapter | 1pc |
| Adapter 0.5X | 1pc |
| Anti-dust cover | 1pc |

OPTIONAL ACCESSORY

| | |
|---|---------------|
| 15X eyepiece (view field: Ø16mm) | ISM-M2000-15X |
| 20X eyepiece (view field: Ø12mm) | ISM-M2000-20X |
| DIC | ISM-M2000-DIC |
| Metallurgical image analysis software and camera | ISM-MAS100 |