



METALLURGICAL MICROSCOPE

LD-LMM-C11

Metallurgical Microscope LD-LMM-C11

Metallurgical Microscope LD-LMM-C11 is specifically designed for research purpose. Features superior quality plan achromatic objective with long working distance, triple layer mechanical stage, Trinocular head, filters namely blue, yellow and green, quintuple nosepiece etc. which makes it highly efficient and reliable. It has wide applications in research work in metallography, mineralogy, electronics etc.

Features

- Adopts plan achromatic objective with long working distance
- Wide-field eyepieces
- Quintuple nosepiece
- Large move range triple layered mechanical stage
- Green, blue, yellow filter
- Reflected vertical illumination

Applications

Metallurgical Microscope is used to inspect semiconductor chips, integrated circuits, structures of metals and alloys etc.

Specifications

| Model No. | LD-LMM-C11 |
|----------------|--|
| Optical System | UIS optical system |
| Viewing Head | Trinocular, Inclination of 30°, (Analyzer with field diaphragm to switch) |
| Eyepiece | Wide field WF 10X /18 mm |
| Objective | Infinite Plan Achromatic Objectives with long working distance (no cover glass) PL 5X/0.12, PL L 10X/0.25, PL L 20X/0.40, PL L 40X/0.60, PL L 80X/0.80 |

| | |
|----------------------------|--|
| Nosepiece | Quintuple (Frontward ball bearing inner locating) |
| Stage | Three layer mechanical Size:250 mm × 230 mm, movingrange:154 mm × 154 mm |
| Focus system | Stage adjustable, Coaxial coarse/fine focus system, with tensional adjustable and up stop, minimum division of fine focusing: 0.7 μm |
| Vertical illumination unit | 6V 20 W halogen lamp, brightness control Vertical illumination with field diaphragm, aperture diaphragm and polarizer, (Y,B,G) filter and frosted filter |
| Dimension | 590 × 500 × 430 mm |
| Weight | 21 kg |

Optional Accessories

| Accessories no. | Name |
|-----------------|--|
| 1 | Dividing 10X (μ18mm) 0.1mm/Div |
| 2 | Plan achromatic objectives with long working distance (no cover glass) PL L 50X/0.70 |
| 3 | Plan achromatic objectives with long working distance (no cover glass) PL L 100X/0.85 (Spring) |
| 4 | CCD adapter 0.5X |
| 5 | CCD adapter 1X |
| 6 | CCD adapter 0.5X with dividing 0.1mm/ Div |
| 7 | 5MP HD1 1080P HDMI Microscope Camera |
| 8 | TRetina6 6MP camera, USB3.0 |