

Industrial Inspection Microscope with UIS optical system



- Suitable to observe surfaces structure and geometry of work-piece.
- Equips excellent UIS optical system to achieved polarization, dark field observation.
- Quickly and effectively locate the observation part of workpiece by moving the mechanical stage. The motion of the focusing is roll that the roller bearing moved guiding the trigon slideway, so that the moving process is smooth.
- This is ideal an optical instrument for inspection and measurement in the field of precision part, integrated circuit, packing material etc.

Standard Configuration:

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| Eyepiece | Wide field WF10X(field number:Φ22mm) | |
| Infinity plan achromatic objective | iMet-230 Equipped with bright field objectives | PL L5X/0.12 (Work distance): 26.1 mm |
| | | PL L10X/0.25 (Work distance): 20.2 mm |
| | | PL L20X/0.40 (Work distance): 8.80 mm |
| | | PL L50X/0.70 (Work distance): 3.68 mm |
| | iMet-230BD Equipped with bright & dark field objectives | PL L5X/0.12 BD (Work distance): 8.05 mm |
| | | PL L10X/0.25 BD (Work distance): 7.86mm |
| | | PL L20X/0.40 BD (Work distance): 7.23mm |
| | | PL L50X/0.70 BD (Work distance): 1.75mm |
| Eyepieces tube | Trinocular inclined 30°, can be shot in 100% light flux. | |
| Epi- illumination system | iMet-230 | 6V30W halogen and brightness enable control |
| | iMet-230BD | 12V50W halogen and brightness enable control |
| | Integrated field diaphragm, aperture diaphragm and (Y,B,G, ground glass) switching device. | |
| Focus system | Coaxial coarse/fine focus system, minimum division of fine focusing: 2μm. | |
| Nosepiece | Quintuple (Backward ball bearing inner locating) | |
| Working stage | Base overall size: 300mmX240mm | |
| | Mechanical stage overall size: 185mmX140mm, moving range: 35mm X30mm | |

Optional Accessories:

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| Eyepiece | Wide field WF10X(field number: Φ22mm) | |
| Objective | iMet-230 | PL L40X/0.60 (Work distance): 3.98 mm |
| | | PL L60X/0.70 (Work distance): 3.18 mm |
| | | PL L80X/0.80 (Work distance): 1.25 mm |
| | | PL L100X/0.85 (Work distance): 0.40 mm |
| | iMet-230BD | PL L40X/0.6 BD (Work distance): 3 mm |
| | | PL L60X/0.7 BD (Work distance): 1.65 mm |
| | | PL L80X/0.80 BD (Work distance): 0.80mm |
| | | PL L100X/0.85 BD (Work distance): 0.4 mm |
| CCD adapter | 0.4X, 0.5X, 1X, 0.5Xwith dividing 0.1mm/Div | |