



The MX61L/ MX61, 300 mm/ 200 mm semiconductor inspection microscope provides exceptional image resolution and clarity through observation methods such as bright field, darkfield, differential interference contrast (DIC), fluorescence and infrared.

- [Ergonomic Design Features](#)
- [Excellent Image Clarity and Superb Resolution](#)
- [Software Solutions](#)
- [High Performance Features](#)
- [Accessories Supporting Diverse Observation Methods](#)
- **Intuitive Controls for Faster Operation**
- **Digital Imaging, Image Analysis and Database Management**
- **Increased Inspection Speed with Motorized Nosepieces**
- **Optimized Contrast by Automatic Aperture Control**

Optical System		UIS2 Optical System (Infinity-corrected)
	Observation Method	BF/DF/DIC/KPO*/FL
	Reflected/Transmitted	Reflected/Transmitted
	Illuminator	Microscope Frame All-in-one (BF, DF + 1 Option)
	Illumination System	100 W Halogen/100 W Mercury/75 W Xenon
	Reflected Light	Fiber Light Guide
	Transmitted Light	
	Motorized/Manual	Manual
Microscope Frame	1	
	Stroke	32 mm
	Resolution/Fine	
	Adjustment	Fine Stroke per Rotation 0.1 mm
	Sensitivity	
	Maximum	30 mm
	Specimen Height	

	Revolving Nosepiece	Motorized Type	Sextuple for BF/DIC Centerable Quintuple for BF/DF/DIC	Motorized Type	Sextuple for BF/DF/DIC
		Manual Type	-		
Stage	Stroke		14x12 inch Right Handle Stage: 356(X)x305(Y)mm (Transmitted Light Range 356x284 mm)	8x8 inch Right Handle Stage: 210(X)x210(Y)mm (Transmitted Light Range 189x189 mm)	6x6 inch Right Handle Stage: 158(X)x158(Y)mm
Observation Tube	Widefield Number 22)	Inverted Image	Binocular/Trinocular Observation Tube		
	Super Wide Field (Field Number 26.5)	Erect Image	Trinocular Observation Tube		
		Inverted Image	Trinocular Observation Tube		
Option Unit		Erect Image	Tilting Trinocular Observation Tube		
Dimensions			IR Unit/Motorized Stage/Wafer Loader 710(W)x843(D)x507(H)mm (in Standard Combination)	509(W)x843(D)x507(H)mm (in Standard Combination)	
			51 kg (in Standard Combination)	40 kg (in Standard Combination)	
Weight					
Remark			*Simple Polarized Light Observation		

