



MM 900

Measuring Microscope



Model	MM 900
Optical system	CCIS
Total magnification	50x - 100x - 200x - 400x
Eyepiece	WF 10x (ø25mm)
	WF 10x (ø20mm) with crosshair 0.01mm/div
Plan achromatic objectives long working distance	PL L 5x/0.15 WD=44.00mm
	PL L 10x/0.30 WD=34.00mm
	PL L 20x/0.35 WD=30.00mm
	PL L 40x/0.35WD=30.00mm
Head	Trinocular
	Inclination from 0° to 45°
	Interpupillary distance 50mm-75mm
	Diopter adjustable ±5
Nosepiece	Quadruple back ball bearing inner locating
Stage	Mechanical stage overall size 286x286mm with glass insert 180x180mm
	With micrometer with resolution 0.01mm
Encoder	Coaxial motion 100x100mm
	Linear encoder 3 axis Z/Y/X
Display device	Resolution Z/Y/X 0.001/0.005/0.005mm
	Axis number 3
	Resolution Z/Y/X 0.001/0.005/0.005mm
Focusing System	Function: zeroing, direction switching, data output, TTL signal
	Coaxial coarse/fine focus system, minimum division of fine focusing 0.2µm
	Tensional adjustable with upper stop
Reflected illumination	Z axe moving range 150mm
	Telecentric light system with adjustable aperture
Transmitted illumination	12V 50W halogen lamp with brightness control
	Kohler illumination with aperture Iris diaphragm and field Iris diaphragm
Polarization	12V 50W halogen lamp with brightness control
Analyzer	360° rotatable polarizer
Power supply	360° rotatable analyzer
Dimensions	230V ±10% - 50/60Hz -1Ph - 30W
Weight	870x1100x780mm
	100kg

Optional accessories

Model	Description
MM E-900-01	Eyepiece WF15x (ø17mm)
MM E-900-02	Eyepiece WF20x (ø12.5mm)
MM O-900-21	Long working distance objective PL L 2x/0.5 WD=20.00mm
MM O-900-22	Long working distance objective PL L 100x/0.80 WD=4.00mm
MM CA-900-91	Camera adapter 0.5x
MM CA-900-93	Camera adapter 0.75x



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