

MM 900



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 Coaxial motion 100x100mm
Encoder	Linear encoder 3 axis Z/Y/X
	Resolution Z/Y/X 0.001/0.005/0.005mm
Display device	Axis number 3
	Resolution Z/Y/X 0.001/0.005/0.005mm
	Function: zeroing, direction swithcing, data output, TTL signal
Focusing System	Coaxial coarse/fine focus system, minimum division of fine focusing 0.2µm
	Tensional adjustable with upper stop
	Z axe moving range 150mm
Reflected illumination	Telecentric light system with adjustable aperture 12V 50W halogen lamp with brightness control
Transmitted illumination	Kohler illumination with aperture Iris diaphragm and field Iris diaphragm 12V 50W halogen lamp with brightness control
Polarization	360° rotatable polarizer
Analyzer	360° rotatable analyzer
Power supply	230V ±10% - 50/60Hz -1Ph - 30W
Dimensions	870x1100x780mm
Weight	45kg

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

MM 800



Model	MM 800
Zoom objectives	0.7x-4.5x
Zoom ratio	1:6.5
Zoom mode	Continuous zoom
Objective	1x WD=100.00mm
Digital magnification	8x
Head	Screen LCD 9" HD TFT LCD resolution 1280x800
Sensor	Resolution 5Mpixel Size 1/2.5"
Photo resolution	2560x1920 or 1600x1200
Video resolution	720P/30fps
Photo/video playback	Included
Data output	HDMI
External interface	Projector Monitor
Built-in function	Measurement by crosshair Positioning by arrow point Coordinate colored by switchable colors (black/white/red/blue/green) Date mode (year/month/day/hour/minute) Exposure manual/auto White balance manual/auto Color mode color/black&white/negative
Language	English
Storage	SD card slot
Stage	Measurement stage by micrometers with accuracy 0.005mm Moving range 30x30mm
Reflected illumination	Four-zone LED ring Brightness control
Power supply	230V ±10% - 50/60Hz -1Ph - 30W
Dimensions	410x290x690mm
Weight	10kg

Optional accessories	
Model	Description
MM L-800-01	Objective 0.5x WD=203.00mm
MM L-800-02	Objective 2x WD=50.00mm
MM S-800-41	Stage micrometer with bottom LED light