

# Polarised Light Asbestos Microscope

The ML6100 Series **PLM (Polarized Light) Microscopes for Asbestos** fiber identification applications. Meiji Techno manufactures these microscopes pursuant to MDHS 77 Directive ([NIOSH 9002 Reference methods](#)).

Each model comes with SM Plan DIN brightfield POL objectives, rotatable stage with 360 degree graduations, achromatic condenser and built-in Koehler illuminator as standard equipment. The table below shows the features of each model.



**ML6110**



**ML6120**



**ML6130**

## PLM Asbestos Microscope Ordering Information

Model	Head	Eyepieces	Objectives	Stage	Condenser	Illumination
ML6110	Monocular	HWF10XF DIN Focusing eyepiece with crossline reticle	SM Plan DIN strain free brightfield POL 10X, 20X, 40XS and 10X central stop dispersion staining objective	Rotatable stage with 360 degree graduations and vernier	Strain Free Achromatic condenser NA 1.25 with iris and filter holder	Koehler Illuminator 6V 30W halogen with intensity control.
ML6120	Binocular	HWF10X and HWF10XF DIN Focusing eyepiece with crossline reticle				
ML6130	Trinocular					

ML6100 Series Components and Accessories	
Part Number	Description
<b>Viewing Heads</b>	
MA647	Binocular head, 30 degree inclination ( Included with ML6120 )
MA648	Trinocular head, 30 degree inclination with 80/20 beam splitter with photo tube ( Included with ML6130 )
MA649	Monocular head, 30 degree inclination ( Included with ML6110 )
MA656	Binocular head, erect image type
MA666	Trinocular head, erect image type (left eyetube cutoff when beam splitter used in position)
<b>Eyepieces</b>	
MA406	DIN HWF10X eyepiece, FN 18mm (each)
MA413CP	IN focusing HWF10X eyepiece with cross-line and guide pin (each)
<b>POL Objectives</b>	
MA641	SM Plan strain free objective 4X, NA 0.10

MA642	SM Plan strain free objective 10X, NA 0.25
MA642D	SM Plan strain free objective 20XS, NA 0.40
MA643	SM Plan strain free objective 20XS, NA 0.40
MA643D	SM Plan 20X Dispersion Staining Objective
MA644	SM Plan strain free objective 40XS, NA 0.65
MA645	SM Plan strain free objective 60XS, NA 0.85
MA646	SM Plan strain free objective 100XS, NA 1.25 (oil)
<b>Miscellaneous</b>	
MA609/05	Wooden cabinet with lock and key for ML6100 series microscopes
MA299	Attachable mechanical stage for ML6100 series microscopes
MA326	Spare halogen bulb 6V 30W
MA327	Fuse 3A
MA285	Stage Micrometer, 1mm divided into 100 units (Each division = 0.01mm)
MA470	First order red compensating plate ( 20mm wide x 6mm thickness )
MA471	Replacement Analyzer
MA477	Replacement Bertrand lens
MA665	Strain free achromatic polarizing condenser NA: 1.25 with Iris diaphragm
MA712	Dust Cover for ML6500 series microscopes