

# Phase Contrast Asbestos Microscope

Meiji Techno offers the ML6500 Series **PCM (Phase Contrast Microscopes)** for Asbestos fiber counting applications. Meiji Techno manufactures these microscopes pursuant to MDHS 39/04 Directive ([NIOSH 7400 and OSHA ID 160 Reference methods](#)).

Each model comes with centering telescope, 1mm stage micrometer, GIF 546nm filters and built-in Koehler illuminator as standard equipment. The specifications table below shows the features of each model.



**ML6510**



**ML6520**



**ML6530**

## PCM Asbestos Microscope Ordering Information

Model	Head	Eyepieces	Objectives	Stage	Condenser	Illumination
ML6510	Monocular	HWF12.5X Focusing eyepiece with G-22 reticle	SM Plan DIN brightfield 10x and BF S.Plan Achromatic positive phase contrast objective 40XS NA: 0.65	Mechanical X- Y stage with attached finger assembly	Achromatic condenser NA 1.25 with iris, filter tray and centerable 40X positive phase annulus in sliding mount GIF ( Green Interference Filter ) 546nm, 29.8mm Ø	Koehler Illuminator 6V 30W halogen with intensity control.
ML6520	Binocular	HWF12.5X + Focusing eyepiece with G-22 reticle				
ML6530	Trinocular					

ML6500 Series Components and Accessories	
Part Number	Description
<b>Viewing Heads</b>	
MA602	Inclined binocular head
MA603	Inclined trinocular head
MA403	Inclined monocular head
<b>Eyepieces</b>	
MA489	DIN HWF 12.5X eyepiece, FN 15mm (each)
MA488W	DIN focusing HWF 12.5X eyepiece with Walton & Beckett reticle
<b>Eyepiece Micrometer</b>	

MA254	Walton & Beckett reticle, 19mm diameter, 3:1 aspect ratio
<b>Brightfield Objectives</b>	
MA613	10X / 0.25 SM Semi Planachromat objective, WD: 6.23mm
MA614	20X / 0.40 SM Semi Planachromat objective, spring loaded, WD: 3.13mm
<b>Phase Objective</b>	
MA698	BF S.Plan Achromat Phase objective 40XS / NA: 0.65
<b>Phase Centering Telescope</b>	
MA458	Centering Telescope
<b>Phase Condenser &amp; GIF</b>	
MA461/10	Strain Free Achromatic condenser NA: 1.25 with iris diaphragm, filter tray and centerable 40X phase annulus in sliding mount
MA759	GIF ( Green Interference Filter ) 546nm, 29.8mm diameter
<b>Stage Micrometer</b>	
MA285	Stage Micrometer, 1mm divided into 100 units (Each division = 0.01mm)
<b>Miscellaneous</b>	
MA609/05	Wooden cabinet with lock and key for ML6500 series microscopes
MA326	Spare halogen bulb 6V 30W
MA327	Fuse 3A
MA712	Dust Cover for ML6500 series microscopes