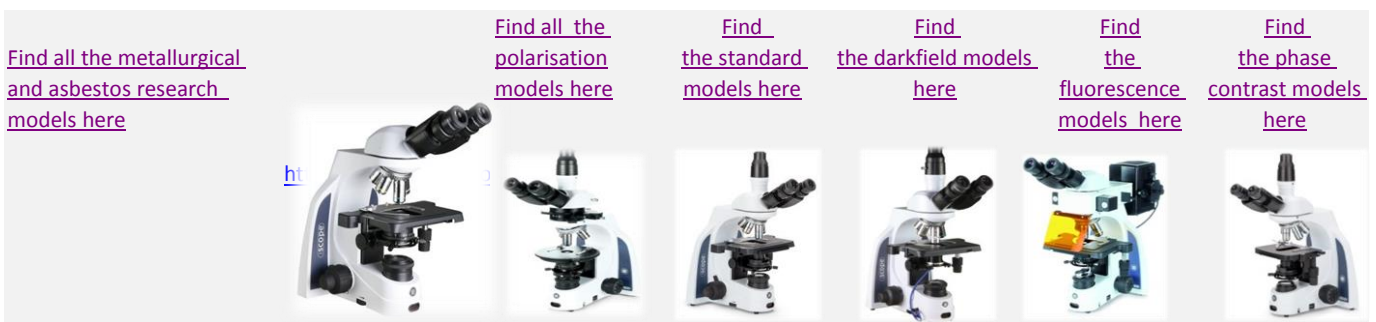


iScope materials science (metallurgical, asbestos research)

Microscopes for materials science applications have the specific objectives and other tools like incident illuminations, polarization and compensation filters. This allows precise observation of materials like metals, plastics, minerals, asbestos, glass, wood and chemical materials. Euromex offers a range of metallurgical microscopes, microscopes with rotatable stages and stain-free objectives for polarized light observation, microscopes for asbestos identification and inverted materials science microscopes

iScope for metallurgical

The iScope microscope are supplied with specific attachments that turn the iScope into a state-of-the art material science microscope suitable for various applications. Beside the polarisation microscopes there are two types of materials science microscopes. Metallurgical and microscopes specially for asbestos identification



iScope (materials science)		metallurgical	metallurgical	asbestos research	asbestos research2	Product number
		IS.1052-PLMi	IS.1053-PLMi	IS.1052-PLAi	IS.1053-PLAi	
Models	Binocular	●		●		
	Trinocular		●		●	
Eyepieces	EWF 10x / 20 mm, pair, Ø 23.2 mm	●	●	○	○	IS.6010
	EWF 15x / 16 mm, pair, Ø 23.2 mm	●	●	○	○	IS.6015
	EWF 20x / 12 mm, pair, Ø 23.2 mm	○	○	○	○	IS.6020
	WF 10x / 20 mm with crosshair, 1 piece, Ø 23.2 mm	○	○	○	○	IS.6010-C
	WF 10x / 20 mm with crosshair and micrometer retide, 1 piece, Ø 23.2 mm	○	○	○	○	IS.6010-CM
	EWF 10x / 22 mm,	○	○	○	○	IS.6210
	HWF 12.5x / 15 mm, 1 piece	○	○	●	●	IS.6212
	HWF 12.5x / 15 mm, with Walton-Bracket, 1 piece	○	○	●	●	IS.6212-W
Dioptr	Adjustment on both sides	●	●	●	●	
Nosepiece	Maximum objectives	5	5	5	5	

iScope (materials science)		metallurgical	metallurgical	asbestos research	asbestos research2	Product number
		IS.1052 -PLMi	IS.1053 -PLMi	IS.1052 -PLAi	IS.1053 -PLAi	
Objectives IOS	Plan PLi(1), 4x / 0.12	○	○	●	●	IS.7204
	Plan PLMi(1) 5x / 0.12	●	●	○	○	IS.8105
	Plan PLMi(1) 10x / 0.25	●	●	○	○	IS.8110
	Plan PLi(1), 10x / 0.25	●	●	●	●	IS.7210
	Plan PLMi(1) 20x / 0.40	●	●	○	○	IS.8120
	Plan phase PLPHi, S40x / 0.65	○	○	●	●	IS.8150
	Plan PLMi(1) S50x / 0.70	●	●	○	○	IS.8180
Stage	216 x 150 mm rackless stage with 79 x 52 mm X-Y	●	●	●	●	IS.9102
Condensers	Standard Abbe condenser	●	●	○	○	IS.9105
	Phase contrast condenser with 10/40 annuli in slider	○	○	●	●	
Diascopic illumination	3 W NeoLED, Köhler	●	●	●	●	IS.9706
	Filter Green Ø 45 mm	●	●	○	○	IS.9700
	Filter Blue Ø 45 mm	●	●	○	○	IS.9993
Metallurgical attachment with NeoLED epi-illumination with:						
	Polarizer 0-90° Ø 45 mm	●	●	○	○	IS.9600
	Simple dark field Ø 45 mm	●	●	○	○	IS.9726
	Filter White Ø 45 mm	●	●	○	○	IS.9724
	Filter Yellow Ø 45 mm	●	●	○	○	IS.9722
	Filter Green Ø 45 mm	●	●	○	○	IS.9720
	Filter Blue Ø 45 mm	●	●	○	○	IS.9975
	External mains adapter, 100-240 Vac/ 7.5 Vdc	●	●	○	○	IS.9975



