



Photomicrography

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13) REMIPHOT index numbers

Photomicrography

Exposure meter positions:	at	Camera type	Index Number	
on the same tube as the camera (or on the corresponding inclined monocular tube if the light beam is not split)		Miniature camera	15	
		Kam "VBX"	19	
		"KINEKONNEX"	4	
Binocular body on "ZETOPAN", "NEOZET", "BIOZET", inclined tube of "BIOZET" triocular body	Vertical photo tube	Miniature camera	8	
		Kam "VBX"	12	
Binocular body on "CSM"	Vertical photo tube	Miniature camera	6	
		Kam "VBX"	10	
Binocular body on "Me F"	Photo tube of lateral deviating prism	Miniature camera	4	
		Kam "VBX"	8	
Any monocular body		Built-in camera, lateral or vertical extension camera (e.g. "Me F", "Me A" or "Kam B") Length of bellows (mm)		
			375-400	24
			400-450	25
			450-500	26
			500-550	27
Index number increased by 1 for each additional 50 mm bellows length.				

Low-power photomicrography on the Me F

"REMIPHOT"		Photographic System		Index Number
position	setting of eyepiece ring (4)	Objective	built-in or lateral (MeFA) camera Length of bellows (mm)	
Inclined monocular tube	4x	Dallmeyer f=25 mm	375 15
		Neupolar f=50 mm		
Phototube of lateral deviating prism	6,3x	Neupolar f=100 mm	460 16
			550 17

Cinemicrography

In 16 mm cinemicrography on the "ZETOPAN" the exposure meter can be mounted with an intermediate tube directly on the "KINEKONNEX" cinemicrographic fitting. In the case of the "Me F" the "REMIPHOT" is inserted into the inclined monocular tube of the microscope or into the phase contrast equipment.

The exposure time of the camera shutter is determined by the film speed selected (frames per second), and the intensity of the microscope illumination must therefore be adjusted until the exposure meter indicates this fixed exposure time. During this adjustment the eyepiece ring has to be set to 10X, and the index ring to 4 in accordance with the table.