

OPTICAL MICROSCOPY



Polarization microscope

Binocular polarization microscope AMPLIVAL[®] pol • u Carl Zeiss JENA, Germany working with reflected and transmitted light, microscope magnification 30x -520x, measuring table (diameter of 170 mm and angle of rotation 360°), and with additionally build-in Nikon Coolpix L18, 8MP Camera. A microscope focused on the examination of crystalline structures, thin and relatively transparent films, emulsion and suspension.

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Binocular digital optical microscope **Optika DM-15, Italy** equipped with 2Mpx camera. It supports mechanical sliding stage having dimensions 160 × 142 mm, moving range 76 × 52 mm, camera resolution 600 × 800 px. Thin films of transparent and light solids, suspensions, emulsions and dense solutions can be observed. Digital images with 4x, 10x, 40x, 100x magnification can be obtained on a computer monitor supplied with legal software Optika Vision Lite 2.0.

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