

VIS100 & VIS200 SERIES

VIDEO INSPECTION SYSTEMS



VIDEO INSPECTION SYSTEMS FOR INDUSTRY

The VIS systems are compact setups for all video inspection purposes in industrial labs. A simple quality check as well as an integration into a wafer probe station: all control tasks can be performed fast and convenient by pure monitor visualization.

The standard basis of a VIS setup are objectives from the PSM-1000 range: Infinity corrected Plan Apochromatic lenses with unique working distances and outstanding image quality. A high transmittance from Near UV to Near IR wavelength range allows an implementation into probe stations. For more affordable solutions, LM Plan Achromatic lenses from the BA310-MET series can be applied.

Starting with a single-objective setup, VIS systems with a motorized quadruple nosepiece for remote magnification change are available. External light sources as well as an integrated coaxial LED illumination for an individually tailored solution help to integrate quality inspection into the industrial workflow.



PSM1000 SERIES

INCIDENT LIGHT MICROSCOPE



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MOTICAM SERIES
SPECIFICATIONS



INCIDENT LIGHT MICROSCOPE FOR STUNNING IMAGE QUALITY

The PSM-1000 microscope is an OEM-ready instrument for best possible imaging results of flat, reflective specimen. Metallurgical samples as well as semiconductors can be treated with Plan Apochromatic LWD objectives of stupendous resolution power. A large Field of View with an erect, true sided image allows fast orientation and manipulation work.

Single centration of each objective position perfectly keeps the details of the viewing field. Optional objectives with parfocality adjustment capability additionally optimize ease of use when changing magnification.

The high transmittance of the objectives and tube lens turret from NUV (355nm) to NIR (1064nm) facilitates the implementation of the PSM-1000 into laser probe stations. The smooth focus drive allows finest focusing even under high magnifications.

