

GX Wolf Microscopes

product datasheet



XJL 101A
High quality
research
microscope for
materials science

Features and Specifications

This advanced materials microscope is designed for use in any materials laboratory.

It features a very large stage with a free float and coaxial XY stage control mechanisms. This makes it ideal for the observation of large flat specimens such as silicon wafers. The free float mechanism allows the user to traverse a specimen over large distance at high speed.

The large sturdy frame provides a highly stable platform perfect for high magnification work and imaging.

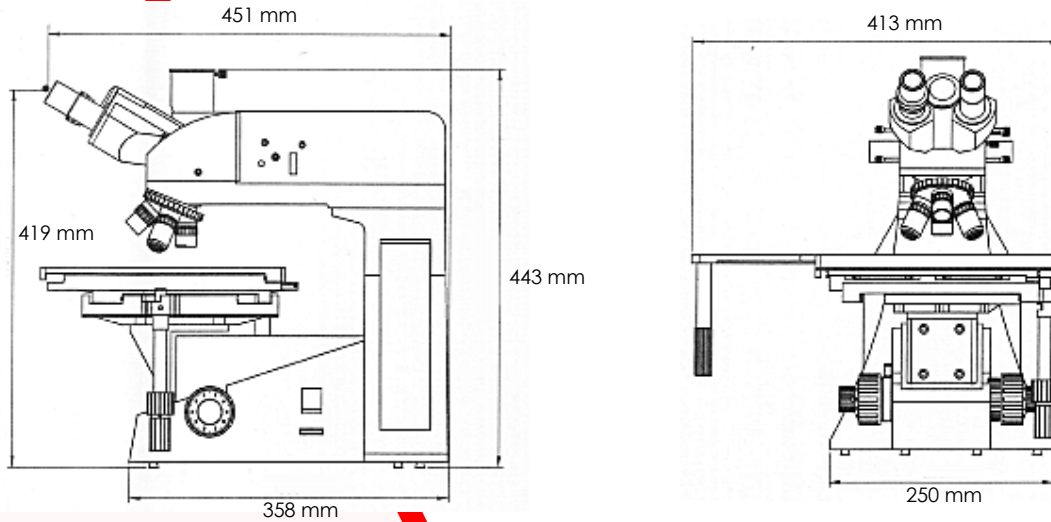
This microscope is equipped with high quality plan achromatic optics including a superb 80X objective permitting observations of the finest structures to be made.

A trinocular head is provided as standard which can be used to mount a digital or video camera with the appropriate adapter. Camera adapters are available for a range of camera types.

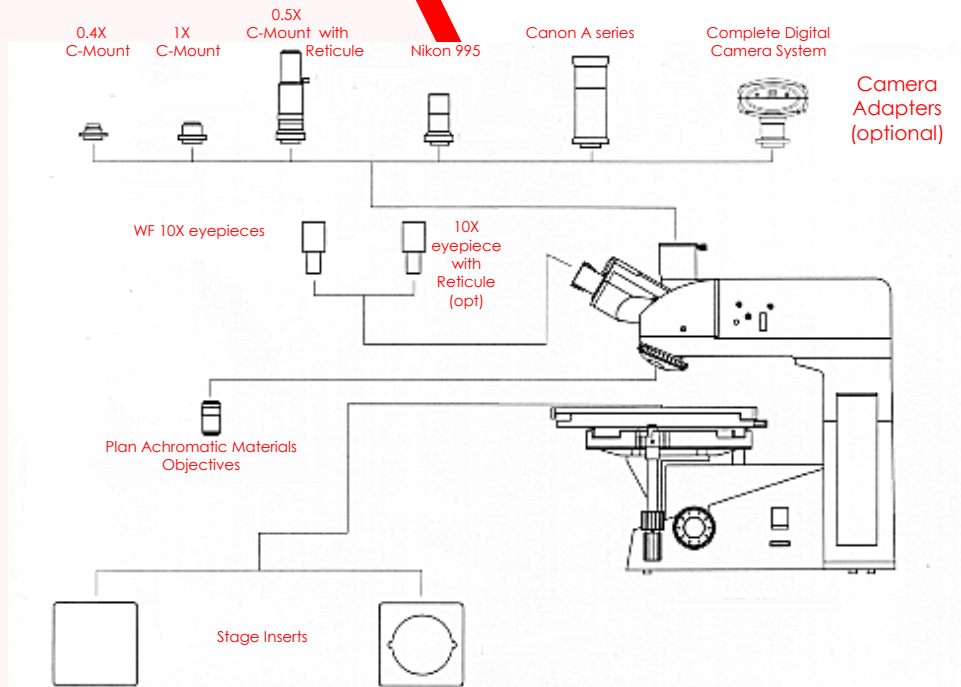
This microscope is fully compatible with GX Wolf Microscopes' extensive range of scientific cameras and imaging software for materials applications. The range includes cameras with a choice of resolutions and prices and the software can be basic image capture or advanced automated image analysis.

Components & Specification			Model:	XJL-101A
Eyepieces	Wide Field	WF10X (φ18mm)		STD
		WF16X (φ11mm)		OPT
	Plan with Reticule 10mm	10X (0.10mm / div)		OPT
Objectives	Plan Achromatic No Cover Glass For incident illumination	Magnification / N.A.	Working distance	
		PL5X / 0.12	18.3	STD
		PL10X / 0.25	8.9	STD
		PL20X / 0.40	8.7	STD
		PL40X / 0.60	3.7	STD
		PL50X / 0.70	2.02	OPT
		PL80X / 0.80	0.96	STD
Eyepiece Tube	Trinocular	Compensation type (inclination of 30°) (Including analyzer)		STD
Stage	size: 250 X 230mm Fast movement gearing, movement range: 153 X 153mm			STD
Nosepiece	Backward Inner Locating on Ball Bearing	Quintuple		STD
CCD Camera Accessories	Digital camera and camera interface			OPT
Illumination Unit	Incident illumination 6V 20W halogen lamp, adjustable brightness with polarizer			STD
Digital Camera Adapter	for NIKON CoolPix 950, 995, 4500 digital cameras			OPT

XJL-101A diagram



- Coaxial coarse/fine focus system
- Large mechanical stage with high speed movement gearing
- A full range of 5 plan achromatic incident light objectives
- Trinocular head ready to attach a digital camera.
- Built-in polarizer
- 20W incident illuminator
- Optional extra objectives
- Optional digital or video cameras
- Optional imaging software



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Due to our policy of continuous development specifications may change without notice

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