

GX Wolf Microscopes

product datasheet



XZB-5B

Comparison Microscope

A high quality microscope with integrated micro and macro viewing systems for the comparison, side-by-side of two objects.

This microscope is commonly used in forensics for examining ballistics, fibres, tool marks and other materials and also in archaeology, palaeontology and other collections and artefact identification studies.

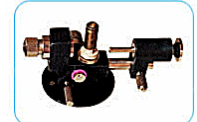
This microscope is supplied complete with 3 sets of eyepieces and 6 objectives sets giving an overall magnification range of 7.68X – 120X, more than enough to encompass most examination tasks.

The two tiltable stages include fine vernier movement controls and rotation for easy specimen manipulation. The long working distance of 100mm makes specimen mounting very simple. The microscope includes both conventional and cold light sources giving plenty of flexibility.

Cameras and a range of other useful accessories such as bullet and cartridge holders can be mounted onto the microscope; it is designed to be versatile tool for the widest range of specimens.

XZB-5B Specifications

Microscope Type	Comparison microscope comprising binocular viewing head with adjustable interpupillary distance, camera tube port, photography interface port, bridge, to two sets of objectives, two stages and 2 illumination types.
Eyepieces Magnification/Field of View	10X/18mm, 20X/10mm, 25X/12.5mm
Objectives	0.64X, 1.0X, 1.6X, 2.5X, 4.0X
Bridge Body Magnification	1.2X
Magnification Range	7.68X – 120X
Working Distance	100mm (typical)
Stages	Two stages with vernier manipulation, optional bullet/cartridge case holder 70x70mm, Movement range: X51mm, Y51mm, Z54mm, Synchronous or asynchronous movement. Inclined, 360degree rotation
Illumination	Powerful 12V/50W halogen, adjustable, fan cooled 12V/50W cold light source with fibre optic illuminators. Polariser.
Calibration and set up	Separation line optical adjustment tool. Two magnification reticules for calibration of identical magnification on both stages
Focusing	Individual or synchronous movement of stages in Z with position clamp. Coarse and fine focus. Changeover knob to select different objective. Detachable objectives.



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