

GX Wolf Microscopes

product datasheet

Stereo/Dissecting Microscopes Microscopes for Research & Industry

STEREO/DISSECTING SERIES



GXMXL
Zoom Magnification
Binocular & Trinocular
7x-210x



GXMXTC
Dual Magnification
Binocular Only
2x-80X



GXMC2-D
Single Magnification
Binocular Only
5X-20X

MONOZOOM LENSES



GXMZ
Monozoom Systems
For use with camera
6X-1000X to display



VMZ20
Ultra Long Working Distance
Video Zoom Systems
10x-100X to display

MICROSCOPE STANDS



ILLUMINATION SYSTEMS



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Stereo Microscopes for Research & Industry



GXMC2-D
Low Cost, Binocular,
Single Magnification,
Boom Arm,
Long Working Distance
Stereo Microscope
With built-in lights

A high quality stereo microscope providing excellent quality images at a remarkably low price. The head of the microscope is mounted on a boom arm which also has a built-in light. The optics are configured to give an exceptionally long working distance of 230mm as standard extendible to 250mm with the 0.5X objectives mounted.

This microscope is widely used in industry for assembly and inspection tasks and is also popular with the home enthusiast.

As standard it is supplied with a pair of 10X widefield eyepieces and a pair of 1X stereo objectives mounted in a block giving a total magnification of 10X. By changing the eyepieces and/or the objective block you can obtain magnifications from 5X to 20X. An additional 0.5X objective block and 15X or 20X eyepieces are options. The boom arm supplied is height and angle adjustable giving plenty of room to manipulate the subject below.

A c-mount camera can be attached by inserting an eyepiece camera adapter into one of the eyepiece tubes (30.5mm ID).



GXMXTC Series
Dual Magnification,
Binocular
Stereo Microscope
With choice of stands and
illumination options

This is an extremely popular range of microscopes suitable for a wide range of microscopy applications including teaching labs, industrial inspection, entomology, research and home enthusiasts.

Its popularity is based on both the truly excellent quality of the optics and the very good value for money. The microscope is available with a variety stands and can be supplied as a head only for mounting into boom stands for observation of larger objects.

The microscope as standard is supplied with a pair of widefield eyepieces and two pairs of objectives in the rotatable nosepiece. The magnification of the objectives are 1x & 3X (total mag 10X/30X) or 2X & 4X (total mag 20X/40X). A pair of objectives is selected by rotating the nosepiece.

Optional higher power eyepieces are available to increase this magnification range further.

A c-mount camera can be attached by inserting an eyepiece camera adapter into one of the eyepiece tubes (30mm ID).

Many stands have illumination built-in by supplementary illumination can be provided by fibre optic goose necks or free stand spotlights. Ring lights cannot be attached to the rotatable nosepiece



GXMXTL101 Series
Zoom Magnification,
Binocular or Trinocular
Stereo Microscope
With large magnification
range, choice of stands &
widest range of illumination
options

This is our most versatile and best selling stereo microscope. As it can be configured in so many ways and has a huge range of magnifications it is suitable for the majority of stereo microscope applications in research, industry and teaching.

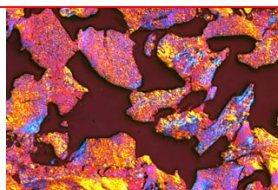
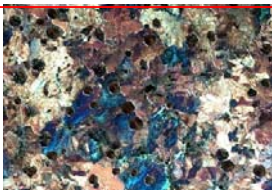
Famous for its very high resolution, bright optics this range of microscopes has demonstrably equivalent performance to other brands of microscopes costing up to 10 times more.

The microscope head comprises as standard of a pair of 10X widefield eyepieces and a pair of zoom magnification objectives with a magnification range of 0.7X to 4.5X (giving a total mag range of 7X-45X).

By attaching auxiliary objectives and/or different power eyepieces the magnification range can be extended to 7X to 210X. The zoom magnification is controlled by a zoom knob mounted on both sides of the microscope.

The head is available in a choice of binocular or trinocular, the photoport is equipped with a parfocality adjustment ring.

The microscope is available with a variety stands and can be supplied as a head only for mounting into boom stands for observation of larger objects. All types of illuminators can be used including ring lights.



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Monozoom Microscopes and Video Zoom Lens

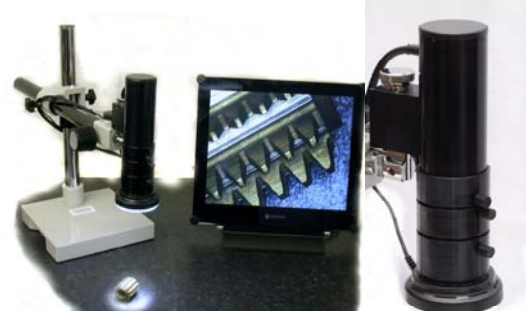


GXMGXMZ Monozoom Microscopes System
For use with c-mount cameras
Highly Versatile & Compact

Highly popular in and research and industry the GX Microscopes monozoom microscope system is a modular set of zoom microscope components onto which a camera is mounted to output a clear image of the subject under examination.

A typical system comprises of a video coupler lens which attaches to the camera, an iris which helps regulate light to the camera and depth of focus, a zoom lens (optional click-stops (detents)), an objective lens and an illumination system. The microscope can then be mounted on a wide variety of microscope stands.

With a range of magnifications up to 1000X this versatile system is perfect for experimental rigs, space restricted factory inspection environments and as an economic alternative to a conventional microscope.

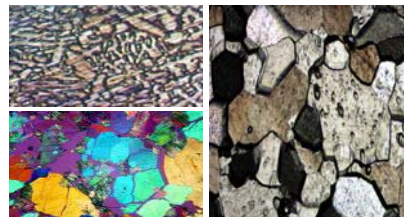


VMZ20 Video Zoom Lens System with Built-in High Quality Video Camera
Exceptional Working Distance & Depth of Focus

Ergonomically designed video inspection and work / re-work microscope. It delivers outstanding working distance permitting effortless examination and work on examined components. This lens system has been designed by the UK's premiere industrial vision experts and is widely acclaimed for its exceptional performance, simplicity of use and outstanding images.

All systems use high resolution colour TFT or CRT displays, helping to reduce the eye and neck strain normally associated with eyepiece microscopes. Long working distance optics, allow operators to work and re work under magnification, also an ideal training and group viewing aid. The LED illumination provides a cool, bright white light which helps the camera to deliver accurate colour rendition and high resolution images to the display.

The large stand allows large objects to be manipulated and examined without obstruction and provides a highly stable platform for the system.



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Routine, Research & Semiconductor Inverted Materials Microscopes

Specifications					
	● std ○ option				
	Microscope Model				
Component	GXML3003	GXML3030	GXXMJL101A	GXXMJL17AT	GXXMJL17ATPOL
Trinocular Head with Phototube (requires specific camera adapter)	●	●	●	●	●
Analyser in Head	●	●	●		●
Pair 10X WF Eyepieces	●	●	●	●	●
Pair 16X WF Eyepieces	○	○	○	○	○
10x Eyepiece with Reticle 10mm/100 Scale Crosshair	○	○	○	○	○
Rotatable Polariser in light path	●	●	●		●
PLL Plan Achromatic non-coverslip corrected objectives:					
5X NA 0.12	●	●	●	○	○
10x NA 0.25	●	●	●	●	●
20x NA 0.40	●	●	●	●	●
40x NA 0.60	○	○	●	●	●
50x NA 0.70	●	●			
60x NA 0.75	○	○		●	●
80X NA 0.80	○	○	●	○	○
100X dry NA 0.85	○	○		○	○
Quadruple nosepiece	●	●		●	●
Quintuple Nosepiece	○	○	●		
Stage type	Double layer mechanical 210mmX140mm Movement range: 75mmX50mm No hole	Double layer mechanical 210mmX140mm Movement range: 75mmX50mm With hole	Three layer mechanical 280mmX270mm Movement range: 204mmX204mm With high speed glide handle	Double layer mechanical 180mmX150mm Movement range: 15mmX15mm	Double layer mechanical 180mmX150mm Movement range: 15mmX15mm
20W 6V Reflected Light Adjustable	●	●	●	●	●
20W 6V Transmitted Light Adjustable		●			
Field and aperture Diaphragms	●	●	●	●	●
Abbe Condenser on rack and pinion NA 1.25		●			
Camera Adapters 0.5X, 1X cmount Canon A640	○	○	○	○	○
Digital cameras up to 14MP	○	○	○	○	○
Imaging Software	○	○	○	○	○

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

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