

GX Wolf Microscopes

product datasheet

GXMPH Series Digital Upright Biological Microscopes

GXMPH100/1300/3100 Series
Research & Routine

Digital Upright Biological Microscopes

This family of microscopes incorporates the very latest technology live digital imaging systems stylishly incorporated into a modern, high performance microscope.

All of the microscopes have a USB digital image output to a PC where the comprehensive software application displays a live image for image capture, storage, annotation, manipulation and even measurement. PH100_VU has an additional video output.

Every microscope is supplied complete with a range of accessories which include an aluminium storage case, immersion oil, filters, calibration graticule slide and sample slides.

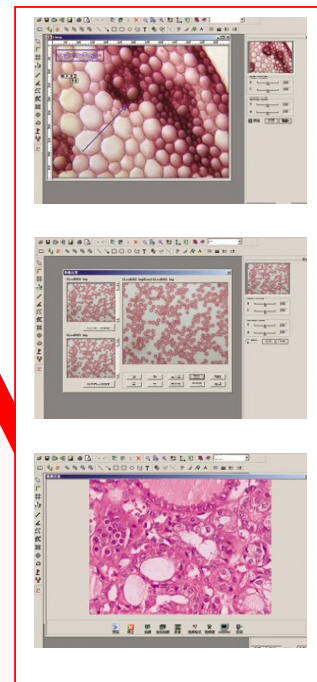
Suitable for almost all level of microscopy users these microscopes are very highly specified with high quality optics including a set of 4 plan achromatic objectives mounted on a reversed nosepiece, koehler illumination, mechanical stage, Abbe condenser and a pair of widefield eyepieces.

See next page for student microscope models



Research & Routine Range (see next page for student range)

Specification	Model:	GXMPH100_VU Dual Output Digital & Video	GXMPH1300_U Digital Output	GXMPH3100_U Digital Output
Image Output Resolution		470k	1.3MP	3.1MP
Magnification range		40X-1600X		
Head		Binocular Built-in camera sensor parfocalsed Interpupillary distance adjustment Diopter adjustment 23.2mm ID eyepiece tubes		
Eyepieces	pair	WF10X		
	pair	WF16X		
Objectives	Plan Achromatic	4X, 10X, 40X(s), 100X(s)oil		
Nosepiece	Reversed	Quadruple with ball bearing locator		
Stage	Right side coaxial controls	Double Layer Mechanical Stage 160mm×142mm , 76mm×52mm(travel)		
Focus	Coaxial	Coarse & Fine Focus Knobs		
Condenser	Abbe	N.A.1.25,With Iris Diaphragm and Filter on rack & pinion		
Illumination	Halogen	12V/20W Brightness Adjustable		
Power	Autoswitching	AC100V-AC246V		
Output interfaces	USB-1	✓		
	USB-2		✓	✓
	Video	✓		
Cables Supplied	USB	✓	✓	✓
	Video	✓		
Software		PHMIAS2006		
Options		1. Infinity-Corrected Optical System Infinity-Plan Achromatic Objectives 4X, 10X, 40X(S), 100X(O.S) 2. Plan-Eyepiece : P10X, P16X 3. Plan-Achromatic Objectives : 25X, 63X(S) 4. Dark Field Unit, Phase Contrast Unit , Polarizing Unit , EPI Unit , EPI- Fluorescence Unit , Metallurgical Unit. 6. Micro Image Auto Processing and Analysis Software(Medical Edition)		



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GXMPH Series Digital Upright Biological Microscopes

GXMPH50/20 Series For Students

Digital Upright Biological Microscopes

These high quality student microscopes incorporate the very latest technology live digital imaging systems stylishly incorporated into a modern, high performance microscope.

Both of the microscopes in this range have a live USB digital image output to a PC.

A comprehensive software application displays on the PC a live image for image capture, storage, annotation, manipulation and even measurement.

Every microscope is supplied complete with a range of accessories which includes sample slides and immersion oil (for 100X objective).

Although they are suitable for almost all level of microscopy user, these microscopes are specifically designed with use in schools and colleges in mind. Each microscope has a specially designed stand so it is easy to carry, it is also relatively lightweight and is of a highly robust, all metal construction.

The microscopes are highly specified with good quality optics including a set of 3 or 4 achromatic objectives mounted on a rotating nosepiece, safe cold LED illumination, a choice of stage types, Abbe condenser on the GXMPH50 model and a widefield eyepiece.

Student Range

Specification	Model:	GXMPH50DM10 Digital Output	GXMPH20DM5 Digital Output
Image Output Resolution		480k (800x600 pixels)	
Magnification range		40X-1000X	40X-400X
Head		Monocular Built-in camera sensor parfocalised 23.2mm ID eyepiece tube	
Eyepiece		WF10X	
Objectives	Achromatic	4X, 10X, 40X(s), 100X(s)oil	4X, 10X, 40X(s)
Nosepiece		Quadruple	Triple
Stage		Double Layer Mechanical Stage 125mmx115mm 70mmx30mm (travel)	Round stage dia.90mm Travel: 6mm slide clips
Focus		Coarse & Fine Focus Knobs Coaxial	Coarse & Fine Focus Knobs Separate
Condenser		N.A.1.25,With Iris Diaphragm on rack & pinion	Single Lens, with Iris Diaphragm
Illumination		White LED, safe low voltage with separate mains transformer	
Power	Autoswitching	AC100V-AC246V	
Image Output	USB-2	✓	✓
Cables Supplied	USB	✓	✓
Software		PHMIAS2006	

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

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