

GX Microscopes

High specification,
modern design

L3000 Series Biological Microscopes

product datasheet



L3000B HBG

			Model:	L3000A	L3000B
Components and Specifications				HBG	HTG
Eyepieces	Widfield	10X (20mm FOV)		STD	STD
		16X (11mm FOV)		OPT	OPT
Objectives	Plan Achromatic	PL4X/0.10		STD	STD
		PL10X/0.25		STD	STD
		PL25X/0.40		OPT	STD
		PL40X/0.65 (sprung)		STD	STD
		PL100X/1.25 (oil) (sprung)		STD	STD
Nosepiece	Reversed inner locating on ball bearing mount	Quadruple		STD	
		Quintuple			STD
Head	Binocular	Adjustable dioptre setting 30 degree ergonomic inclination		STD	
	Trinocular	Adjustable dioptre setting 30 degree ergonomic inclination Photo tube with port selector			STD
Stage	Mechanical	Large format 140 x 160mm Movement range 50 x 75mm		STD	STD
Illumination	Kohler	6V 20W halogen lamp with adjustable intensity		STD	STD
Focus	Coarse/fine	Coaxial graduated knob with limit stopper and tension adjustment		STD	STD
Options	Camera attachments	C-mount adaptors Nikon Coolpix adaptor Photographic camera attachment Digital cameras Video cameras Monitors		OPT	OPT
		Dry NA 0.77-0.91		OPT	OPT
	Phase Contrast Kit	Immersion NA 1.25-1.40		OPT	OPT
		Phase contrast plan achromatic objectives: PL10X/0.25PHP, PL25X/0.4PHP, PL40X/0.65PHP sprung, PL100X/1.25 oil sprung PHP Phase contrast condenser NA 1.25 Centering telescope		OPT	OPT

Features and Specifications

The L3000 series of microscopes are one of GX Microscopes' most popular microscopes. They excellent value for such an advanced modular, research grade, biological upright microscope. They also provide excellent quality images to both the eyepieces and any attached camera system through the plan achromatically corrected optical system.

The optics are mounted on an modern design, substantial stand which provides a stable platform for high magnification imaging and allows a wide range of accessories to be added such as epi-fluorescence kits, materials epi-illuminators, camera systems and motorised stages.

The microscope has been design for research and routine microscopy and is offered at a price affordable by almost all level of user.

These microscopes are offered in two different versions:

- ✓ L3000BHTG which has a trinocular head and is equipped with five plan achromatic objectives, giving a total magnification range of 40X-1000X which can be optionally expanded to 1600X with the addition of a pair of 16X eyepieces.
- ✓ L3000AHBG with a binocular head and 4 plan achromatic objectives

These configurations give a total magnification range of 40X-1000X which can be optionally expanded to 1600X with the addition of a pair of 16X eyepieces.

The phototube of the trinocular head of the L3000BHTG model can be fitted with a large range of cameras including Digital SLRs, Digital Compacts and cameras designed specifically for microscopy. For each type of camera a specific camera adapter is available.

The GXM L3000 series of microscopes can be supplied with a large variety of accessories which include a phase contrast kit, epifluorescence kit, epi-illumination kit, polarising kit, darkfield kit these and many more.



Rack & Pinion
Abbe
condenser with
diaphragm



Reversed
nosepiece with
plan achromatic
objectives

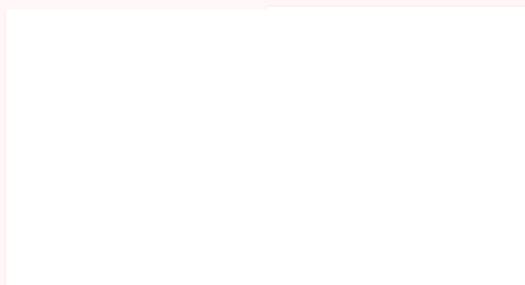


Modern coarse/fine
focus with tension
adjustment and limit
stopper



Smooth, coaxial
control mechanical
stage with slide holder

Supplied to you by:



www.gxoptical.com

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

Jan 09