

Optimax stereo microscopes

product datasheet

XT-101

Stereo zoom
microscope



Features and Specifications

Specification	Model:	XTL-101	XTL-101T
Zoom Magnification Range (Std)	Graduated continuous zoom control knob	7X - 42X	
Head	Eyepieces (Std)	10X Widefield/20mm	
	Working distance (Std)	88mm	
	Type	Binocular	Trinocular
	Eyepiece tube	Diopter settings on both eyepieces Adjustable interocular distance	
	Camera port	n/a	Adjustable parfocality Requires specific camera adapter
Focusing Mount	Head support ring	Inner diameter 8.3 cm	
	Focus	High precision rack and pinion mechanism	
	Integral incident light	Adjustable intensity Adjustable angle halogen spot	
Support Pillar	Polished high grade steel	Height adjustment locking clamp Power socket for incident lamp allowing easy head removal 24.5cm height	
Base	Wide base with integral transmitted light	Adjustable intensity halogen illumination Opaque white insert (9.2cm diam) Distance from centre of pillar to centre of field of view: 150mm Base dimensions (working surface): W26cm(23cm) x D30cm(20cm) x H5.7cm	
Power	Separate power adaptor	Mains 110/220V input DC output	
Accessories	See accessories section		

Representing the very latest design in stereo microscopy.

This ergonomic microscope includes high quality objectives whose clarity and brightness produce outstanding results.

The XT includes a zoom range encompassing 0.7x - 4.2x magnifications. With the standard 10x widefield objectives this gives a total magnification range of 7X - 42X. This range can be enhanced with optional auxiliary objectives and different eyepieces to give a total range spanning 3.5X - 210X.

The microscope is equipped with conveniently positioned zoom and focus control knobs.

The integrated illumination in the base and incident illuminator make this microscope a versatile tool for all types of biological and materials laboratories.

The XT series can be supplied with a very wide range of accessories including cameras, stands, illumination systems and even digital depth probes.

Supplied to you by:

Optimax
Unit A7
Parkside Commercial Centre
Terry Avenue
York
YO23 1JP 01904 610812

XT - Series Accessories

Specification of auxiliary objectives and eyepieces – XTL-101						
Eyepiece\Objective		Main body	0.5X objective	0.75X objective	1.5X objective	2X objective
		0.7x-4.2x	0.35x-2.10x	0.49x-3.15x	1.05x-6.3x	1.4x-8.4x
10x (std)	Total magnification	7x-42x	3.5x-21x	5.3x-31.5x	10.6x-63x	14x-84x
	Diameter of visual field(mm)	31-5.2	62x-9.6x	38-6.4	19-3.2	14.3-2.4
15x	Total magnification	10.5x-63x	5.3x-31.5x	7.9x-47.5x	15.8x-94.6x	21x-126x
	Diameter of visual field(mm)	21.4-3.6	42.8-7.2	28.5-4.8	14.2-2.4	10.7-1.8
20x	Total magnification	14x-84x	7x-42x	10.6x-33x	21.2x-126x	28x-168x
	Diameter of visual field(mm)	17.1-2.9	34.3-5.7	22.9-3.8	11.4-1.9	8.6-1.4
25x	Total magnification	17.5x-105x	8.8x-52.5x	13.1x-78.8x	26.3x-157.5x	35x-210x
	Diameter of visual field(mm)	12.9-2.1	25.7-4	17.1-2.9	8.6-1.4	6.4-1.1
Working Distance(mm)		88	137	103	48	25

Auxiliary Objectives See above



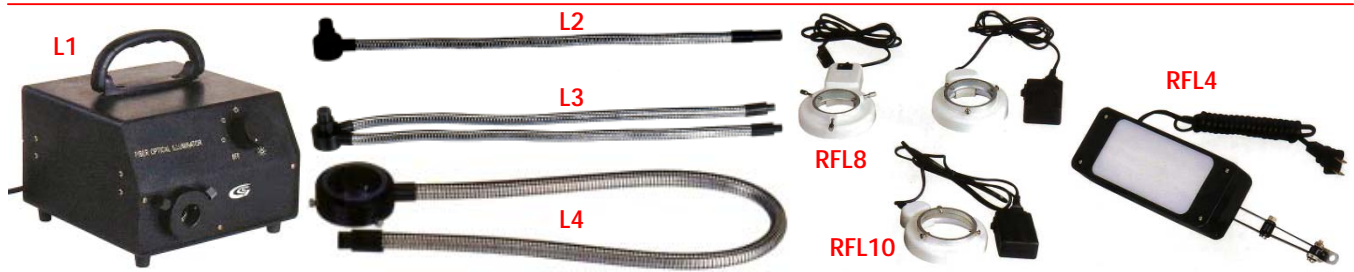
Widefield Eyepieces See above



CCTV and Photo Adaptors C-mount camera adaptor



Illuminator Options – XT Series



Additional Stand Options – XT Series

