

# Optimax stereo microscopes

## product datasheet

### XT-101 Stereo zoom microscope



### Features and Specifications

Specification	Model:	XTL-101	XTL-101T
<b>Zoom Magnification Range (Std)</b>	Graduated continuous zoom control knob	7X – 42X	
<b>Head</b>	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
<b>Focusing Mount</b>	Head support ring	Inner diameter 8.3 cm	
	Focus	High precision rack and pinion mechanism	
	Integral incident light	Adjustable intensity Adjustable angle halogen spot	
<b>Support Pillar</b>	Polished high grade steel	Height adjustment locking clamp Power socket for incident lamp allowing easy head removal 24.5cm height	
<b>Base</b>	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	
<b>Power</b>	Separate power adaptor	Mains 110/220V input DC output	
<b>Accessories</b>	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:

Wolf Laboratories Limited  
Wolf House  
Market Street  
Pocklington  
York  
YO42 2AB 01759 301142

## 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

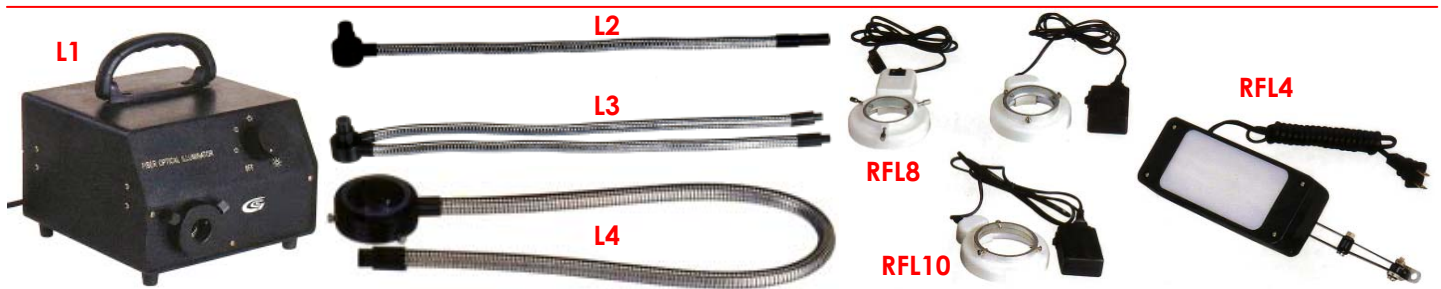


#### CCTV and Photo Adaptors

C-mount camera adaptor



#### Illuminator Options – XT Series



#### Additional Stand Options – XT Series

