

Stereomicroscopes

STZ-series

Zenith

High performance, advanced zoom stereomicroscopes.

- ◆ Magnification 7X to 45X (3.5X to 180X using accessories)
- ◆ Working distance 95mm
- ◆ Field of view 4.4 to 28.6mm (with standard optics supplied)
- ◆ Inclined 45° binocular head, rotatable 360° and height adjustable
- ◆ Full interpupillary and dioptic adjustment
- ◆ Smooth rack and pinion focussing

Binocular Zoom Stereomicroscope STZ3500

As described. Magnification range 7X to 45X. With 45° inclined binocular head rotatable 360°, paired widefield 10X eyepieces with interpupillary and dioptic adjustment and eyecups. Heavy stable base with built-in mains adapter for 6V/5W, fluorescent transmitted illumination and adjustable position 6V/20W halogen incident illumination. With dust cover. Overall 160 x 250 x 410mm W x D x H. Weight 6.5kg. For 230V 50Hz single phase supplies.

MJ620-10 STZ3500

Trinocular Zoom Stereomicroscope STZ4500

Generally as MJ620-10 but with trinocular head. The third eyetube allows any CCD camera with C/CS lens mount to be fitted using an accessory adapter. Overall 160 x 250 x 410mm W x D x H. Weight 6.5kg. For 230V 50Hz single phase supplies.

MJ620-40 STZ4500

Spares and Accessories for MJ620-series

- MJ623-04** Eyepiece WF15X (2 required)
- MJ623-08** Eyepiece WF20X (2 required)
- MJ623-15** Supplementary objective 0.5X
- MJ623-20** Supplementary objective 0.75X
- MJ623-25** Supplementary objective 1.5X
- MJ623-30** Supplementary objective 2X
- MJ623-55** CCTV camera adapter, C/CS mount, for MJ620-40 only, fits upright eyetube
- MJ288-25** Spare bulb 6V/20W halogen for incident illumination

Digital Microscope Camera, CMEX5

High resolution, digital camera for use with most types of compound and stereomicroscopes.

- ◆ 5.0 Mpixel resolution
- ◆ CMOS 1/2.5" sensor, with 2592 x 1944 pixels
- ◆ 10-bit analogue:digital converter, with 24-bit colour depth (True colour)
- ◆ Low signal:noise ratio (42dB maximum)
- ◆ USB 2.0 interface
- ◆ Compatible with Windows® computers running Windows® XP to Windows® 8 operating software

Additional specifications

Scan mode	Progressive, rolling shutter
Pixel size, μm	2.2 x 2.2
Filter	RGB
Scanning system, max. frames/sec.	Up to 5 at 2592 x 1944 pixels Up to 21 at 1280 x 960 pixels Up to 25 at 1024 x 768 pixels Up to 38 at 640 x 480 pixels
Sensitivity	>1.3V/lux-second at 550nm. Suitable for Brightfield, Darkfield, Phase contrast or Epifluorescence techniques
Lens mount	C-mount
Exposure	Automatic or manual from 1msec. to 800msec.
White balance	Automatic or manual
Output	USB
Power supply	5V self-powered via P.C. USB connector
Overall, W x D x H	mm 130 x 60 x 100
Weight	g 500

Digital Microscope Camera, CMEX5

As described. Fits a standard 23.2mm diameter trinocular or eyepiece tube. Supplied with 0.5X objective with C-mount, USB2.0 cable, 30mm and 30.5mm diameter adapters for stereomicroscopes, stage calibration slide graduated 1mm x 0.01mm and software CD.

MJ810-40 Moticam 480P



MJ620-40



MJ810-40