

CZM 6

Advanced Zoom Stereoscopy



LABOMED

Ideas for Vision.

CZM6 - Advanced Zoom Stereo Microscopy for Industrial and Life Science applications



The new CZM6 offers versatility and performance for various applications at an affordable price.

Designed with the Greenough optical system, the CZM6 provides distortion free high resolution erect 3-D images. The lateral zoom control adds convenience to operation. The eyepieces are focusable for dioptric adjustments. The ergonomic and modern design of the stand provides fatigue-free operation. The large focusing knobs and ball-guide mechanism provide smooth focusing throughout the entire working range.

The versatile new CZM6 offers an enhanced platform in Zoom Stereo Microscopy solutions for industrial as well as educational application. A host of accessories such as Auxiliary lenses, Digital Camera attachments and a variety of stands make CZM6, the best choice in its range to meet your exacting needs and performance parameters.

1



2



3



Highlights of CZM6

- Upright, 3-D and sharp images with high resolution Greenough optical system
- Zoom Ratio 1 : 6.9, Magnification 6.5x - 45x
- Lateral Zoom Control knobs
- Binocular or Trinocular Zoom Pod
- Large field of view - 22mm
- A large selection of fixed and focusable eyepieces (WF 10x, 16x, 20x) with Reticle holders
- 0.5x, 1.5x and 2.0x Auxiliary Lenses (optional)
- Wide range of stands and illumination options
- Adaptors for Digital Still Camera, 35mm SLR Camera and CCD Camera



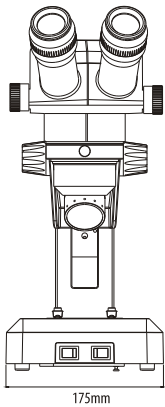
1 **HL Stand**

2 **PL Stand**

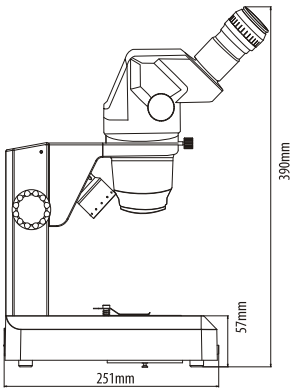
3 **SB Stand**

FUNGUS PREVENTATIVE - H E A COATINGS

SPECIFICATIONS



175mm



390mm

57mm

251mm



STANDS

Dual light stable stand with focusing knobs. Optional stands with fluorescent light, Boom stand, Bonder arm, Pillar type stand and Slim base stand

ILLUMINATION

Provided with built-in illumination both for incident light (12V-20W halogen) and transmitted light (12V-10W halogen) or Dual light stand

VIEWING BODIES

Binocular Zoom Pod 1 : 6.9, Mag. 6.5x - 45x, inclined at 45°, 360° rotatable, IPD 54-74mm
Trinocular Zoom Pod 1 : 6.9, Mag. 6.5x - 45x, inclined at 45°, 360° rotatable, IPD 54-74mm

EYEPIECE

Eyepiece Focusable Wide Field 10x (FN 22mm), Optional: Wide Field 16x (FN16), Wide Field 20x (FN12) with fixed or focusable movement

AUXILIARY OBJECTIVES

0.5x, 1.5x and 2.0x (Optional)

ACCESSORIES

Darkfield attachment, Polarizing Kit, Ring Light, Fiber Optic illumination, Dual Light guides, Photo adapters for CCD Camera / 35mm SLR Camera / Digital still camera and Soft carrying case

Magnification Table

Objectives	Working Distance (in mm)	Eyepieces					
		W.F. 10x/22		W.F. 16x/16		W.F. 20x/12	
		Object Field (mm)	Magnification	Object Field (mm)	Magnification	Object Field (mm)	Magnification
None	100.0	4.4 - 30.7	45 - 6.5	3.5 - 24.6	72 - 10.4	2.9 - 20	90 - 13
0.5x	160.0	8.9 - 61.4	22.5 - 3.3	7.1 - 49.2	36 - 5.2	5.8 - 40	45 - 6.5
1.5x	40.0	3.0 - 20.5	67.5 - 9.8	2.4 - 16.4	108 - 15.6	1.9 - 13.3	135 - 19.5
2x	25.0	2.2 - 15.4	90 - 13	1.8 - 12.3	144 - 20.8	1.4 - 10	180 - 26

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