

# 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

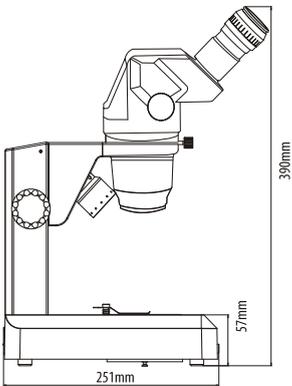
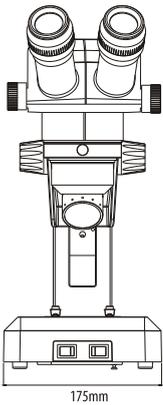


1 HL Stand

2 PL Stand

3 SB Stand

# SPECIFICATIONS



**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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