

CZM4

Zoom Stereo Microscope



LABOMED

Ideas for Vision.

CZM4 Basic Stereoscopic Zoom Microscope for Industrial and Life Science applications



The new CZM4 offers versatility and performance for various applications at an affordable price.

Designed with the Greenough optical system, CZM4 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 through entire working range.

At an economical price, the new CZM4 offers a basic platform for Zoom Stereoscopic Microscopy for industrial as well as educational needs. A host of accessories such as Auxiliary lenses, Digital Camera attachments and a variety of stands make CZM4, the best choice for OEM requirements.

1



2



FUNGUS PREVENTATIVE - H E A COATINGS

Highlights of CZM 4

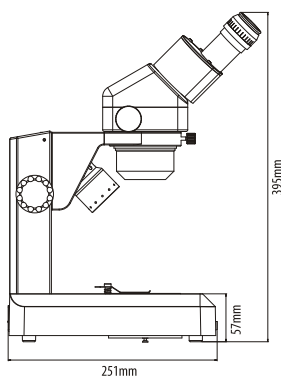
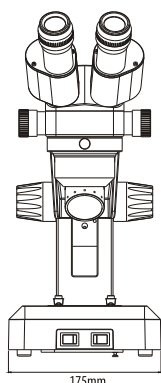
- | Upright, 3-D and sharp images with high resolution Greenough optical system
- | Zoom ratio 1:4, Magnification 1x-4x
- | Lateral Zoom Control knobs
- | Binocular or Trinocular Zoom Pod
- | Large field of view - 22mm
- | A large selection of Fixed and Focusable eyepieces (WF10x, 16x, 20x) with Reticule holders
- | 0.5x, 1.5x and 2.0x Auxiliary Lenses (optional)
- | Wide range of stands and illumination options
- | Adaptors for Digital Cameras, 35mm SLR Cameras and CCD Cameras

3



1 Pillar Stand 2 Camera Attachment 3 Boom Stand

SPECIFICATIONS



STANDS

Dual light stable stand with focusing knobs. Optional stands with fluorescent light, Boom stand with Bonder arm, Pillar Type Stand, Slim Base Stand

ILLUMINATION

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

VIEWING BODIES

Binocular Zoom Pod 1 : 4, mag. 10x - 40x, inclined at 45°, IPD 54 - 74mm
Trinocular Zoom Pod 1 : 4, mag. 10x - 40x, inclined at 45°, IPD 54 - 74mm

EYEPIECES

Focusable WF 10x (FN22), Optional WF 16x (FN16), WF 20x (FN 12) with fixed or focusable movement

AUXILIARY OBJECTIVES

0.5X, 1.5X and 2.0X (Optional)

ACCESSORIES

Darkfield attachment, Polarising Kit, Ring Light, Fiber Optic Illumination with Dual light guides, Photo adapters for 35mm SLR camera, CCD camera, Digital Still camera

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	90.0	5.5-22	40-10	4-16	64-16	3-12	80-20
0.5x	135.0	11-44	20-5	8-32	32-8	6-24	40-10
1.5x	43.0	3.7-14.7	60-15	2.7-10.7	96-24	2-8	120-30
2x	35.0	2.75-11	80-20	2.0-8.0	128-32	1.5-6	160-40

LABO AMERICA INC.

920 Auburn Ct.
Fremont
CA 94538

U.S.A.

Fax : +1 (510) 445 1317
E-mail : sales@laboamerica.com
www.laboamerica.com

