

# RaxVision

## 3D LCD ZOOM MICROSCOPE



**MLCD-2**

Total Magnification: 3.7x-158x  
3D effect, save space and light weight, low power consumption  
16MS high definition color, Intelligent screen image setting  
High contrast, ultra-high brightness  
The different stand and illumination are available.

**Quality Product For Professionals**

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## Specifications

### LCD Monitor

- LCD Screen Size: 8.4 inches
- Pixel: 800×600
- Spot Distance: 0.213(horizontal)×0.213(vertical)mm
- Contrast: 300:1
- Viewing Angle: about 170°
- Response Time: 25ms
- Brightness: 250cd/m<sup>2</sup>

Video Output: PAL/NTSC, can be attached the other monitor

### Optics

- Total Magnification: 3.7-158x
- Zoom Body: 0.7-4.5x, with Detents
- Zoom Ratio: 1:6.5
- Optional Objective Lens: 0.3x, 0.5x, 0.63x, 1x, 1.5x, 2x.
- View Angle Attachment: 35° for the standard, use on the 0.63x objective lens

LED Internal light, brightness adjustable

The other illumination can be used if necessary

Laser Pointer: 5V

Body Size: 76mm can be used with any of the microscope stand, boom stand and flexible arm stand

Power: 100-240V 50-60Hz

Input: 12V, 0.5mA



0.7-4.5x Zoom  
Body with Detents



Laser Pointer, easy  
to find the objective



35° Angle View  
Adapter



Internal LED  
Lighting



Video Output

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## Optical Data (1/3" CCD, 8.4" monitor, 0.5x CCD coupler)

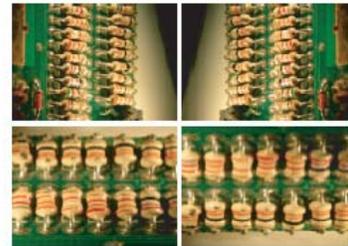
Auxiliary Lens	Mag.	FOV mm	W.D. mm
0.3x	3.7x-23.6x	57-8.9	338
0.5x	6x-39x	34,3-5,3	202
0.63x	7x-49x	28-4,3	135
0.63x+35°Angle	7x-49x	28-4,3	65
1x	12x-79x	17-2,7	98
1.5x	18x-118x	11,4-1,8	65
2x	24x-158x	8,6-1,3	47,5



WITH TRACK STAND



WITH UNIVERSAL STAND



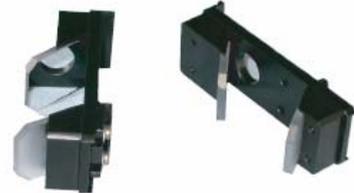
The images under 35° angle view.



WITH HYDRAULIC ARM STAND & STANGE-M



WITH TRACK STAND & STAGE-C

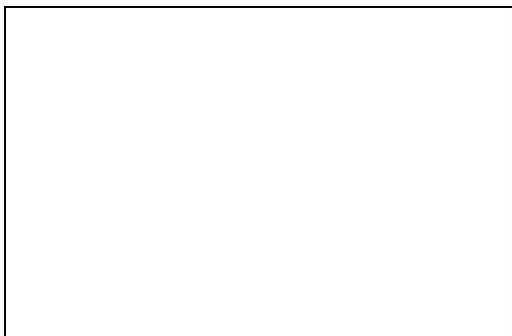


35° Angle View Adapter(standard).  
25°, 45° and 55° are optional.

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