




SEILER
MEDICAL

3D Microscope Competitors

2023



MoraVision

2

MoraVision

- Founded by Dr. Assad Mora
- <https://moravision.com/>





Figure 20-28: Side and front views of 4" cube camera head

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3

MoraVision

MORAVISION™ 3D Specs

- Real-time Stereoscopic Video 1920 x 1080
- Flat Panel 3D Display
- Uninterrupted Work-flow with Foot Controlled Zoom & Focus
- High Definition Optics with 10mm Depth of Field & 12x Zoom
- Capture 3D/2D Videos & Photos directly into a Database with a Foot Switch

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4

Moravision – Spec Comparison

<p>Seiler 3D</p> <ul style="list-style-type: none"> • 2x-24x Magnification • 198-455mm Objective • 60mm Depth of Field • 120mm Field of View • 60fps video • Heads-up 3D view • HD Video capture system • Coaxial LED illumination • German apochromatic lenses 	<p>MORAVISION™3D</p> <ul style="list-style-type: none"> • Up to 16x magnification • High Definition Optics with 10mm Depth of Field & 12x Zoom • Foot Controlled Zoom & Focus • Binocular head w/ optional 2D/3D Stereoscopic video • Capture 3D/2D videos w/ foot switch
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SEILER MEDICAL 5

Zumax

SEILER

6

Zumax

- Founded in 2005
- Based in China

<https://www.zumaxmedical.com/>

zumax

SEILER MEDICAL 7

Zumax

OMS3200 Dental Microscope

- BriPlus illumination system –105,000 lux
- 0 – 180° inclinable binocular head
- 12.5x magnification eyepieces with an optional target reticle
- Motorized magnification of 1.8x to 20x
- VarioDist® objective lens with a variable working distance of 200 – 450mm
- SmartMon LCD display, showing current working distance, zoom factor, magnification, measurement factor, LED brightness
- Back up light source guards against the accidental shutdown of the main LED – 200,000 Lux
- Integrated yellow and green filter with 4 illumination spot sizes
- Optional integrated laser filters
- Integrated full HD camera system supported by multiple shooting methods by wireless control set or photo/ video button
- Micro 3D twin full HD 1080P camera system available as an option
- Fluo-Det fluorescent module option available

SEILER MEDICAL 8

Zumax – Spec Comparison

Seiler 3D

- 2x-24x Magnification
- 198-455mm Objective
- 60mm Depth of Field
- 120mm Field of View
- 60fps video
- Heads-up 3D view
- HD Video capture system
- Coaxial LED illumination
- German apochromatic lenses

OMS3200 Dental Microscope

- 1.8x-20x magnification
- 200-450mm Objective
- Binocular head
- Integrated HD recording system; 3D camera optional
- LED illumination 200,000 Lux
- Anti-reflective, German apochromatic lenses

