

DENTAL

MICROSCOPES



ISO
13485:2015
Medical Device
Quality
Management

FM 680767



SEILER
MEDICAL DIVISION



ALPHA AIR 3

- » 0-220° Inclinable Binocular Head
- » Optional: 45° Fixed Incline Head
- » 3-Step Turret Magnification System
- » LED Illumination + 150,000 lux
- » 10x Widefield Eyepieces with Dioptic Locks
 - » Optional: 12.5x, 16x, and 20x
- » Objective Lens: 175mm, 200mm, 250mm, 300mm, and 400mm
 - » Optional: Vario Focus Lens (200mm–350mm)
- » USB and 12 VDC Power Support Directly on Optic Pod
- » True Coaxial Illumination
- » Composite and Red Free Filter Standard
- » Large Selection of Accessories Available

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- » Six Mounting Options Available: Floor, Fixed Floor, Wall, High Wall, Ceiling, Tabletop



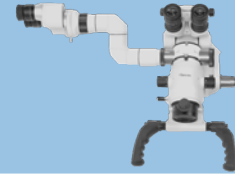
EVOLUTION ZOOM

- » Objective Lens: 200mm–400mm
- » Eyepieces: 10x, 12.5x, and 20x
- » Field of Vision: 14mm–70mm
- » Illumination Field: 70mm
- » LED Illumination Brightness in the Working Area at Full Power: 100,000 lux (min.)
- » 0-220° Inclinable Head
- » Motorized Focus
- » Motorized 1:6 Zoom



ACCESSORIES

ASSISTANT TEACHING HEAD



BEAMSPLITTER



DSLR CAMERA ADAPTER



EXTENDER ROTATION DEVICE



HD LIVE VIDEO CAMERA



IRIS DIAPHRAGM



LASER FILTERS



GO PRO HERO



VARIO FOCUS



MOUNTING OPTIONS

FLOOR



CEILING

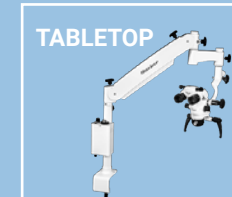


HIGH WALL

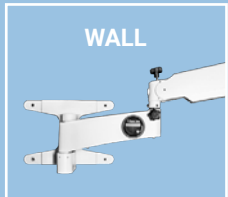


FIXED FLOOR

TABLETOP



WALL



MAGNIFICATION & ILLUMINATION



Unique to the industry, Seiler microscopes allow for up to 6 steps of magnification. With this enhanced precision in magnification, Seiler microscopes improve the overall quality of work dentists are performing.

Seiler microscopes boast some of the brightest LED illumination in the industry at 150,000 lux, while maintaining a 50,000-hour life on the LED bulb.

"The Seiler Alpha Air product offers the best light source I've ever used. The scope allows me to see things I've never seen before. Seiler's product should be considered one of the top microscopes on the market."

~ Dr. Nathan Woods, DDS, Endodontist | Mesa, AZ

VIDEO CAPTURE



Seiler's microscopes have a built in USB port and a 12-volt power supply, allowing for more continuous use without recharging the camera's battery supply. By accommodating a full HD video camera able to capture 4K video, dentists can have better discussion with patients about their concerns. This type of communication helps dentists build more trusting relationships with patients so they do not feel like they're being pressured into unnecessary treatments.

"Clinical documentation is one of the most powerful tools in dentistry. Through digital imaging and video recording, the clinician has a wide range of possibilities, going from clinical explanations for patients to using the digital material for educational purposes."

~ Dr. Jenner Argueta Zepeda, DDS, Endodontist | Guatemala City, Guatemala

ERGONOMICS



Roughly 80% of practicing dentists are over the age of 40, making optimal ergonomics a critical element. Practicing in a field where musculoskeletal disorders are not uncommon, dentists need to be assured that whichever microscope they choose promotes optimal working posture.

Seiler microscopes ensure the dentist practices in an upright, working posture while keeping visual contact with patients.

"I've been using Seiler microscopes for a couple of years now. By nature of their design, they help my posture greatly, avoiding muscular injuries, especially on my neck and waist, which have been a big concern for me early in my career since I am a former rugby player. The microscope allows me to sit up in a relaxed position while looking through the infinity corrected optics and change the magnifications instantaneously without visual noise or shadows. This helps me provide my patients precise and predictable endodontic procedures while working comfortably for a longer period of time."

~ Dr. Sergio A. Rosler, DDS, Endodontist | Buenos Aires, Argentina

APPLICATIONS



RESTORATIVE DENTISTRY

"The microscope allows the visualization of margins as good - if not better - than what is represented by the CEREC. The better the initial preparation as created with the microscope, the better the end result."

~ Dr. Sameer Puri, Vice President
CEREC Education
Scottsdale, AZ



ENDODONTICS

"The higher magnification, along with Seiler's powerful LED lighting, gives me the ability to predictably locate and treat anatomy, such as MB2 canals, isthmuses, etc."

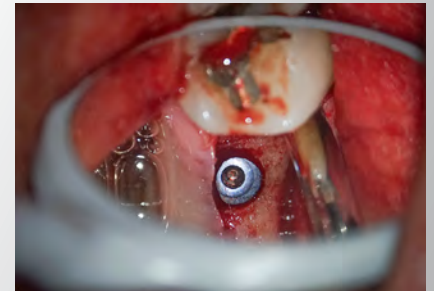
~ Dr. Freddy Belliard
DDS, Endodontist
Guadalajara, Spain



IMPLANTOLOGY

"Seiler's microscope is essential for inspecting and managing soft and hard tissue when an extraction precedes an implant placement."

~ Dr. Kayvon Javid
DICO, FCII, AFWCLI, CPT1,
Implantologist



PERIODONTICS

"The microscope allows me to place my implants and perform bone grafting in a much more efficient manner with the added magnification."

~ Dr. John C. Boain
DDS, FAGD, AFAAID
St. Louis, MO

"I am firmly committed to the use of magnification and illumination in clinical dentistry, and Seiler's dental microscopes certainly tick those boxes."

~ Dr. Mike Horrocks, BDS MSc, Endodontist | Manchester, UK



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Seiler Precision Microscopes



Seiler Medical Division



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