

# Alpha Air Dental



# SEILER

MEDICAL

Precision Magnified.



# History - Culture - Quality



Founded in 1945, Seiler has decades of expertise in the field of premium optics and offers specialized solutions that incorporate the most advanced optical tools available today.

Still owned and operated by the Seiler family, our company prides itself on providing world- class instruments and excellent customer service.

The Seiler Alpha Air series truly revolutionizes the way the Dental Microscope performs and operates. The Alpha Air offers multiple levels of magnification, German Schott glass for superior optics, the brightest LED Illumination on the market and is exceptionally designed for superior maneuverability and performance.

Designed to provide flawless maneuverability for any work-space design, our dental microscopes provide every user with an exceptional level of comfort and improved visual acuity.



# Features That Meet Your Needs



## Ergonomic Design

The ability to work comfortably is critical for all clinicians. Seiler's microscopes were designed with ergonomics primarily and specifically in mind, limiting the risk of musculoskeletal pain and discomfort as much as possible.



## Video/Photo Capture

All Seiler dental microscopes accommodate several video options, including 4K, DSLR, and GoPro cameras that enable streaming video, recording video, and the ability to take high resolution individual photos. Document cases with the push of a button and seamlessly upload images to EMR software.



## Composite Filter

Seiler's composite filter is designed to block specific wavelengths of light that activate the polymerization process in dental composite which prevents premature curing of composite materials during placement and shaping.



## Red Free Filter

Seiler's Red Free filter blocks red light and enhances the visibility of structures by increasing the contrast of green and blue hues. This helps enhance the visibility of **vascular structures** like veins and capillaries, improve contrast for fine details in tissues and reduce glare and reflections when working in brightly lit or reflective environments.



## Other Key Features:

- 198-455mm VarioFocus
  - Over 150,000 LUX LED light
  - Built in 12V & USB power port for powering cameras
  - Lightest Scope on the market
  - Lifetime warranty on optics and mechanics\*
- \*in the USA



# Alpha Series



## Testimonial

“We originally purchased 2 Seiler microscopes. The optics are impeccable, the mechanics are great and the illumination is amazing. After working with them for a year, we ended up ordering 9 more scopes. All of our practices are using the SEILER scopes and we could not be happier.”



- Ali Vahdati DDS, MSD

## Alpha Air 6

The Seiler Alpha Air 6 truly revolutionizes the way the Dental Microscope performs and operates. The Alpha Air 6 offers six levels of magnification, German Schott glass for superior optics, the brightest LED Illumination on the market and is exceptionally designed for superior maneuverability and performance.

### Feature Highlights:

- 0-220° Inclinal Binocular Head. Optional: 45° Fixed Incline Head.
- 6-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 (198mm - 455mm).
- USB and 12 VDC power support directly on Optic Pod.
- True Coaxial Illumination.
- Composite and Red Free Filter standard.
- Large selection of Accessories available.
- Lifetime Warranty on Optics.
- Five Mounting Options Available: Floor, Wall, High Wall, Ceiling, Table Top



**Find Out More!**





## Alpha Air 3

The Alpha Air 3, is the perfect option for the General Dentist with 3 Levels of Magnification, German Schott glass for superior optics, standard 150,000 LUX LED illumination and a specially engineered Gas Piston Pantographic Arm for superior maneuverability.

### Feature Highlights:

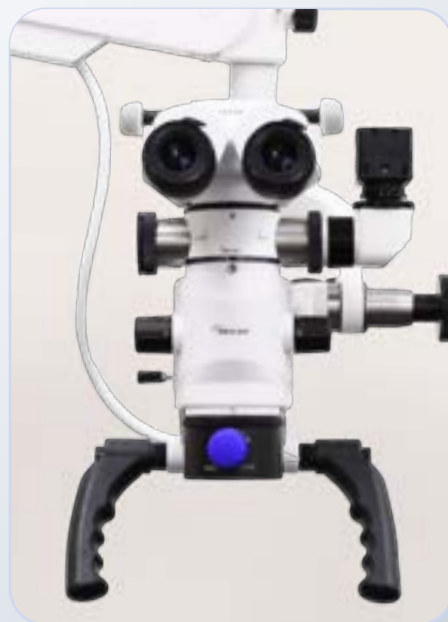
- 0-220° Inclinable Binocular Head. Optional: 45° Fixed Incline Head.
- 3-Step Turret Magnification System.
- LED Illumination +150,000 LUX.
- 10x Widefield eyepieces with dioptic locks. Optional: 12.5x, 16x, and 20x.
- Objective Lens: 175mm, 200mm, 250mm, 300mm, and 400mm. Optional: Vario Focus Lens (198mm - 455mm).
- USB and 12 VDC power support directly on Optic Pod.
- True Coaxial Illumination.
- Composite and Red Free Filter standard.
- Large selection of Accessories available.
- Lifetime Warranty on Optics.
- Five Mounting Options Available: Floor, Wall, High Wall, Ceiling, Table Top

### Testimonial

“I couldn’t say enough about this Seiler Dental Operating Microscope. I use it with every single case for every single patient. It absolutely fits every single need that I need in the dental office. It can move in any direction that I need it to move. The optics are clear and I’m able to focus in and see down every single canal that I need to see.”



- Matthew J. Walker, D.D.S., M.S.D.  
Owner, River City Endodontics  
O’Fallon, MO



# TruHue Technology



Seiler's unique **TruHue Technology** combines unparalleled illumination with our advanced LED light, featuring a high CRI (Color Rendering Index) for vivid, true-to-life colors that provide unmatched diagnostic accuracy. Designed for performance, Seiler's LED provides an impressive 5700 Kelvin color temperature, over 150,000 lux of brightness and a lifespan exceeding 50,000 hours, our LED sets a new standard while empowering healthcare professionals with the precision and confidence they need.



## Testimonial



"I have been using the Seiler Alpha Air surgical microscope since I opened my practice and have been extremely happy with it. When researching the different surgical microscopes available on the market, I liked what the Alpha Air had to offer, specifically the 6 different magnification levels, variable focus, and light intensity. They have the most intense light on the market, which allows me to see exactly what I need when operating."

- Josh Todd, DMD, MS, ABE | Owner Elite Endodontics Pensacola, FL

# German Schott Glass



Seiler is renowned for our high-quality optics that offer exceptional clarity, sharpness, and magnification. These features enable healthcare professionals to visualize tissue with great precision and accuracy. Our superior optics ensure that even subtle abnormalities or lesions are easily detected, allowing for early diagnosis and effective treatment. These lenses correct spherical and chromatic aberration while providing optimal color rendering.

# Popular Accessories



## Assistant Head

An Assistant Teaching head allows a second head to be attached to the scope for a second person to view the operating surface at the same time as the main user.

## GoPRO Hero

Experience next-level convenience and precision with Seiler's customized 4K GoPro. Capture stunning 4K video and 24MP images, and instantly share them via Bluetooth to your phone or iPad. Designed for hands-free efficiency, it features advanced voice activation, enabling seamless operation without using hands or feet. Elevate your workflow with cutting-edge imaging and effortless control.

## Extender/Rotator

The Extender/Rotator accessory is designed to revolutionize ergonomics during challenging procedures. By allowing precise manipulation of the optical pod while keeping the binocular head straight, it ensures perfect posture for the user. Additionally, it extends the working distance by 4 inches, providing enhanced comfort for both the doctor and the patient.

## HD/4K/Go Pro Adaptor

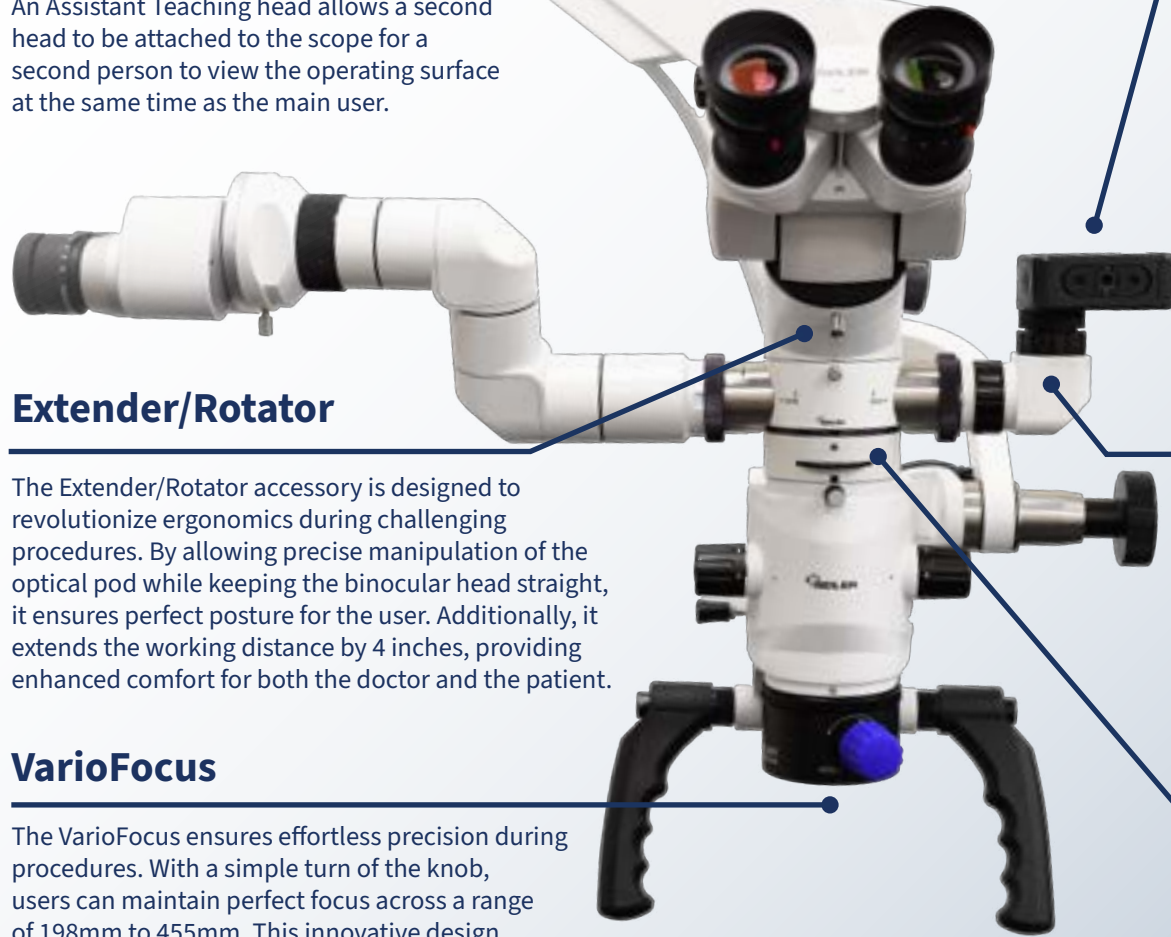
Seiler's versatile C-Mount Adapter seamlessly fits Seiler's customized GoPro, 4K, and 1080p cameras, offering unmatched compatibility. Its unique built-in focus ring ensures precise adjustments, allowing doctors to achieve crystal-clear visualization on their screens.

## VarioFocus

The VarioFocus ensures effortless precision during procedures. With a simple turn of the knob, users can maintain perfect focus across a range of 198mm to 455mm. This innovative design streamlines workflow, allowing practitioners to stay in focus seamlessly, enhancing accuracy and efficiency for every procedure.

## Laser Barrier Filter

The laser barrier filter protects against all three different wavelengths ranging from 750nm-10,600nm. This small compact filter has no change in visual when placed on the microscope providing superior visualization.



# SEILER

## MEDICAL

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