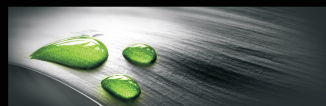


# DENTAL PRODUCTS

FOCUS ON PRECISION

MINTDEVICES



*"Leaders in Minimally Invasive Technology"*



 **SEILER**  
MEDICAL DIVISION

# About Seiler

Seiler stays current with new technologies by adding sophisticated tools and machines every year. Although computer numerical controlled (CNC) machines have replaced manually operated machines, there is still no replacement for old-world craftsmanship, a necessary attribute of every instrument manufactured or sold by Seiler Instrument. Technology may change, but one thing continues to endure—Seiler's dedication to excellence and customer service, a philosophy that breeds customer satisfaction.

Seiler's Medical Division offers an array of products geared to meet the technological demands of the dental, surgical and medical markets. As a worldwide leader in the field of Microscopy, Seiler prides itself on the use of high quality optics and precision machining to provide the market with the latest in magnification for a varied range of applications.

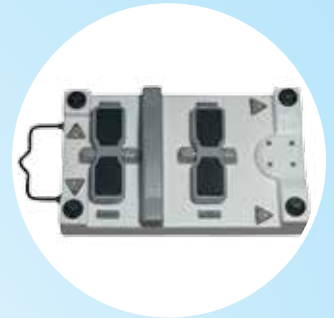
The Seiler Medical Division offers a wide variety of microscope products for both the Medical and Dental Markets. Colposcopes are available with a variety of options and attachments to suit any office, clinic or hospital; ENT scopes for Ear, Nose and Throat Doctors and Surgeons; Compound scopes for research, laboratory, and educational applications; Dental scopes for Enhanced General Dentistry and Endodontics; and LED Surgical Loupes for any applications needing low power magnification.

All Seiler Microscopes come equipped with: Apochromatic Lenses for superior clarity, the brightest light sources on the market and a smooth fluid movement for the ultimate in mobility.

By tailoring the product lines to meet specific applications in the healthcare industry, Seiler Instrument has built a vast distribution network spanning six continents. Growing year by year, the Medical Division continues to seek new markets, diversify the product line, and improve service to the many disciplines in science and medicine.

To learn more about the products we offer, visit our website: [www.seilermicroscopes.com.au](http://www.seilermicroscopes.com.au).

# DENTAL OPERATING MICROSCOPES



## EVOLUTION ZOOM

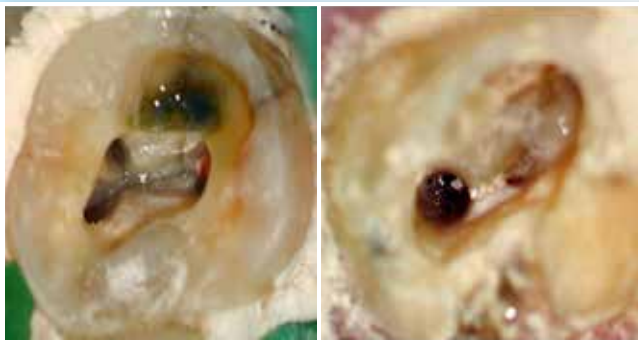
- Magnification Changer: Zoom 1:6 Motorized
- APOchromatic Objectives f=175mm-400mm
- 10x Widefield Eyepieces Standard (12.5x, 16x or 20x available)  
Diopter adjustment +6/-6
- LED Illumination + 100,000 LUX, 50,000 hour life  
Optional: Xenon Illumination: 180,000 LUX  
Optional: Halogen Illumination: 80,000 LUX
- Motorized 40mm Fine Focus
- Optional XY Unit range 50mm with automatic reset Button
- Control Unit: Multi-functional Display for illumination, focus, zoom, and automatic reset
- Hand/Foot Switch: 14 function foot pedal and 8 function hand control grip
- Standard 0-220° Inclined Binocular Head



# DENTAL OPERATING MICROSCOPES



"YOU CAN'T TREAT WHAT YOU CAN'T SEE!"



## ALPHA AIR 6 DENTAL SCOPE

- 6-Step Turret Magnification System
- 250mm Objective Lens Standard
- 0-220° Binocular Head Standard
- 10X Wide Field Eyepieces Standard
- LED Illumination System: 150,000 LUX with 50,000 Hours of Life Standard
- True Coaxial Through-the-Lens Illumination
- Red Free Filter Standard (Yellow and Green Filter)
- Standard Counterbalance System
- USB and 12V DC Power Support on Optic Pod
- Lifetime Warranty on Optics and Mechanics

Optional:

- 175mm-400mm Objective Lens Or Variofocus 150
- 45° Fixed-Inclined Binocular Head
- 12.5X, 16X, or 20X Wide Field Eyepieces

## MOUNTING OPTIONS



FLOOR



HIGH WALL



WALL



CEILING



TABLETOP

# DENTAL OPERATING MICROSCOPES

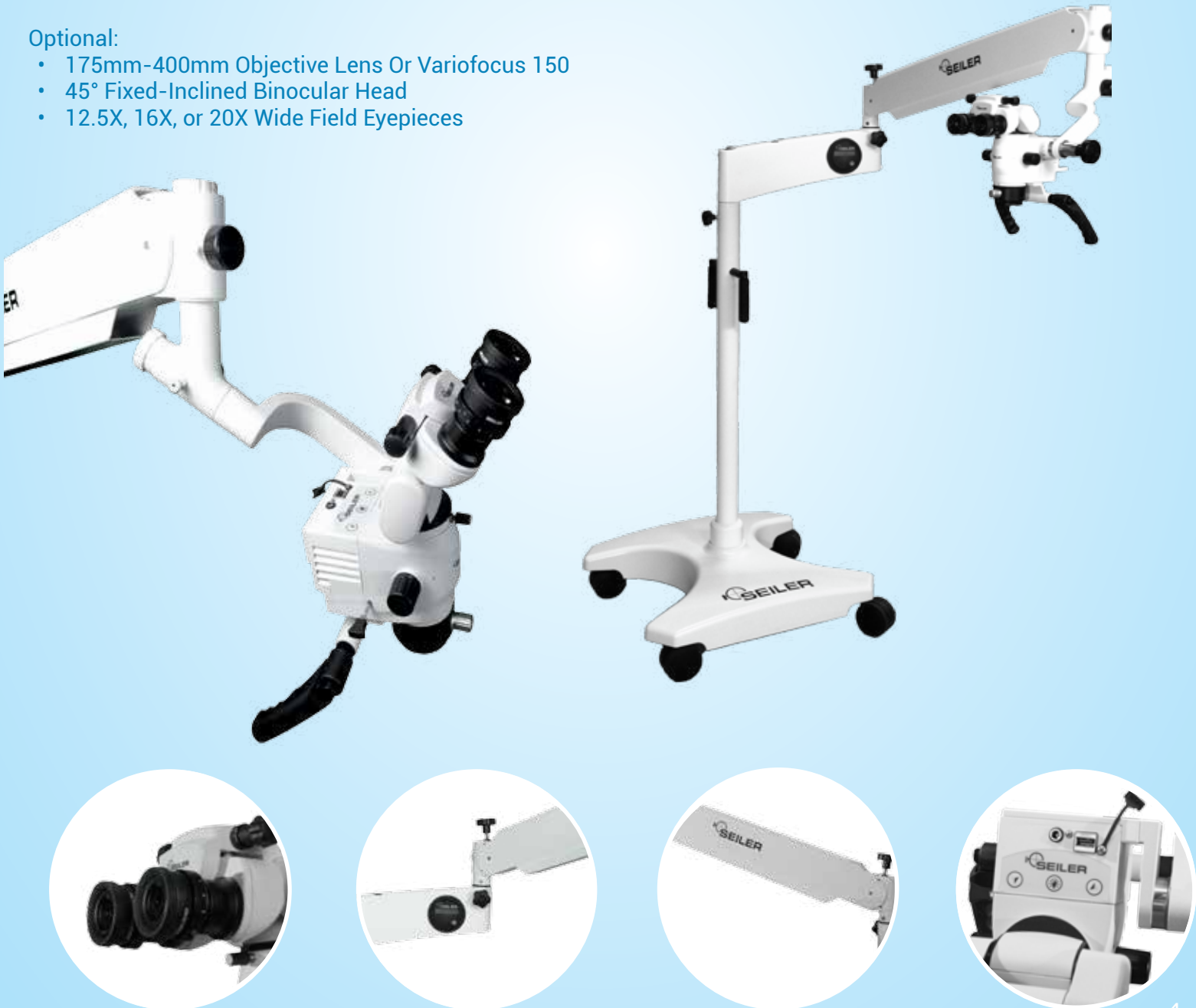
## ALPHA AIR 3 DENTAL SCOPE

- 3-Step Turret Magnification System
- 250mm Objective Lens Standard
- 0-220° Binocular Head Standard
- 10X Wide Field Eyepieces Standard
- LED Illumination System: 150,000 LUX with 50,000 Hours of Life Standard
- True Coaxial Through-the-Lens Illumination
- Red Free Filter Standard (Yellow and Green Filter)
- Standard Counterbalance System
- USB and 12V DC Power Support on Optic Pod
- Lifetime Warranty on Optics and Mechanics

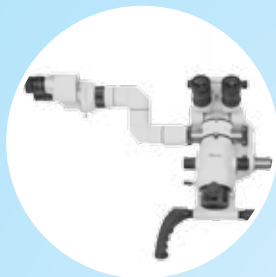
### Optional:

- 175mm-400mm Objective Lens Or Variofocus 150
- 45° Fixed-Inclined Binocular Head
- 12.5X, 16X, or 20X Wide Field Eyepieces

Seiler's New Dental Surgical Microscope provides excellent ergonomic positioning for any dentist.



# MICROSCOPE ACCESSORIES



## ASSISTANT TEACHING HEAD

Allows a second user to view the same procedure.



## 0-220° BINOCULAR HEAD

The inclinable head allows for a full 0-220° rotation. Seiler offers: 0-220° inclinable, straight, and 45° inclined binoculars.



## WIDE-FIELD EYEPIECES

Standard 10x and 12.5x with eye guards, optional 16x and 20x.



## LASER FILTERS

2 different laser filters available. Contact your Seiler representative for details.



## BEAMSPLITTER

Specially designed to create the highest quality imagery. The port contains a 50/50 side for digital and 80/20 for video. Optional 50/50-50/50 available.



## EXTENDER ROTATION DEVICE

Extends user 5" from the optical pod and allows user to manipulate direction of optical pod while keeping head straight for a better ergonomic position.



## IRIS DIAPHRAGM

Allows the user to control the iris to give a much deeper depth of field.



## GO PRO HERO

Hero has been specially modified so you can select the right setting for any given shot or capture up to 4k video.



## DSLR CAMERA ADAPTER

Easily attach specific Sony, Canon, or Nikon DSLR camera directly to the microscope for high quality, razor sharp images. DSLR adapter sold separately.



## HD LIVE VIDEO CAMERA

View live true HD video crisp and clear. This camera provides 1080p high resolution streaming video. F65-VA adapter sold separately.



## S-VIDEO CAMERA

Camera used in conjunction with Seiler's Image Capture Pro. F65-VA adapter sold separately.



## VARIO FOCUS

Never change an objective again. Stay in focus from 200mm to 350mm by simply turning the fine focus knob.

# DENTAL SURGICAL LOUPES

## SURGICAL LOUPES



- 2.5x, 3.0x and 3.5x magnifications. Provides vision not attainable with the naked eye.
- HIGH RESOLUTION – highest grade glass for excellent clarity.
- WATER SEALED – optics are sealed to prevent dust and moisture.
- DOUBLE HINGE FLIP-UP DESIGN – for superior optical alignment.
- GREAT DEPTH OF FIELD – comfortably extends the natural accommodation capability of the human eye.
- WIDE-FIELD – highly corrected optics that allows the entire mouth to be viewed.
- WORKING DISTANCE – Short (340mm or 13.4 inches), Regular (420mm or 16.5 inches), Long (500mm or 19.7 inches).

All Seiler loupes allow the user to set your interpupillary, convergence and declination angle for perfect optical alignment.

### FRAME STYLES



Available Colors:

- Metallic Blue
- Metallic Red
- Metallic Silver
- Black

#### TITANIUM

Lightweight titanium frames allow the user to adapt an RX lens to the loupes.



Available Colors:

- Metallic Silver
- Black

#### SPORT

The Sport Frame is a large durable frame that offers added protection against splash-back and debris.

### MAGNIFICATION LEVELS

#### 2.5X

The entry level magnification that provides a wide field of view, which is exceptionally easy to get used to and is the most common magnification bought.

#### 3.0X

The intermediate magnification level of which is good for a user that is familiar with loupes or has a need for additional magnification not provided by the 2.5x power.

#### 3.5X

The most powerful loupe level in the Seiler Line of Loupes. This magnification level is used for specialists and users that have a smaller working field.

### WORKING DISTANCE

#### SHORT | 13.4" (340MM)

The short working distance is 13.4 inches or 340mm.

#### REGULAR | 17" (420MM)

The regular working distance is 16.5 inches or 420mm. The regular working distance is the most common working distance.

#### LONG | 19" (500MM)

The long working distance is 19.7 inches or 500mm. The long working distance is generally used by a tall person.



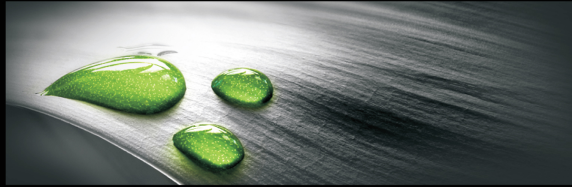
## LED HEADLIGHT

The Seiler LED Loupe Light is designed with precision engineering to provide the brightest light available. Additional features are:

- Ultra Lightweight Design.
- Over 50,000 LUX.
- Supplies bright, white, shadow-free light.
- Variable Illumination
- Rechargeable Battery Pack makes this a complete portable, compact unit that allows the user freedom of movement.
- Seiler's high quality LED Light operating life expectancy is approximately 500 charge/discharge cycles.



# MINTDEVICES



*"Leaders in Minimally Invasive Technology"*

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