

# DENTAL PRODUCTS

Focus on Precision  
Clarity, Quality, Reliability



**SEILER**

PRECISION MICROSCOPES

*Providing High Quality Optics since 1945*

# EVOLUTION XR6

DENTAL OPERATING MICROSCOPE

## KEY FEATURES:

- 6-step APOchromatic magnification system
- Counterbalanced pantographic arm
- LED Lightsource=80,000 LUX, 50,000 hour life and 5800 Kelvin temperature  
Optional: Plasma=>100,000 LUX, 10,000 hour life and 6000 Kelvin temperature
- True Coaxial through the lens illumination
- Easily maneuverable optical head with tension control knobs and handles
- 10x Wide Field Eyepieces with Dioptic locks (12.5x/20x available)
- 250mm Objective lens (175mm-400mm available)
- Mounting Options Include: Floor, Wall, Ceiling, High Wall, and Table
- Live video and digital camera options available
- Limited Lifetime Warranty



## MOUNTING OPTIONS FOR EVOLUTION XR6 AND SEILER IQ



FLOOR



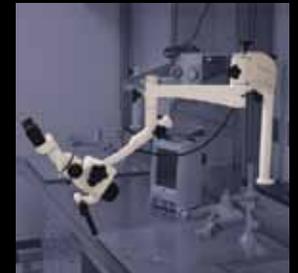
WALL



HIGH WALL



CEILING



TABLETOP

PRECISION ENGINEERING

VERSATILITY AND MOBILITY

# SEILER IQ

DENTAL OPERATING MICROSCOPE

## KEY FEATURES:

- 3-step APOchromatic magnification system
- Counterbalanced pantographic arm
- LED Lightsource=80,000 LUX, 50,000 hour life and 5800 Kelvin temperature  
Optional: Plasma=>100,000 LUX, 10,000 hour life and 6000 Kelvin temperature
- 10x Wide Field Eyepieces with Dioptic Locks (12.5x/20x available)
- True Coaxial through the lens illumination
- Easily maneuverable optical head with tension control knobs and handles
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# LOUPES

Seiler offers an exceptional variety of Dental Loupes.

The Seiler Universal Sport Frames are available in 3 different magnification ranges and 3 different working distances to fit any doctor, hygienist or assistant's magnification needs.

The Seiler Titanium frames are a lightweight option that are perfect for users with a prescription. Add your prescription to these frames and enjoy the enhanced vision.

**Choose your magnification level, working distance and color and start working...**

Distance	Mag. Range	Colors
340mm (13.4") S	2.5x	
420mm (16.5") R	3.0x	
500mm (19.7") L	3.5x	
		



## 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 20,000 LUX.
- Supplies bright, white, shadow-free light.
- 4 intensity settings with up to 8 hours of illumination at the maximum setting.
- Built-in battery gauge displays the power level of the battery pack.
- Rechargeable Battery Pack makes this a complete portable, compact unit that allows the user freedom of movement.
- Seiler's high quality LED Loupes' operating life expectancy is over 50,000 hours.



# ACCESSORIES

SEILER OFFERS A FULL RANGE OF ACCESSORIES TO COMPLIMENT YOUR MICROSCOPE...

## 0-180° BINOCULAR HEAD

The inclinable head allows for a full 0-180° 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.

## HD LIVE VIDEO CAMERA

View live true HD imaging for crisp, clear and high resolution.

## DSLR CAMERA ADAPTER

Allows you to easily attach any Sony, Canon or Nikon DSLR camera directly to the microscope for high quality, razor-sharp images.

## BEAMSPLITTER

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



## ASSISTANT TEACHING HEAD

Allows a second user to view the same procedure.



## EXTENDER ROTATION DEVICE

Extends user 5 inches from patient. Allows one to manipulate optic pod in either direction while keeping head ergonomically straight.



## LASER FILTER

Provides protection from three different wavelengths ranging from 780-2940nm.



## IRIS DIAPHRAGM

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



## OBJECTIVE LENS

Standard f=250mm with manual fine focus, optional: 200mm, 300mm and 400mm.

Seiler Instrument and Manufacturing Co., Inc. was established in 1945. In 1913, Eric H. Seiler entered and studied for a decade at the prestigious Zeiss-Jena School of Fine Optics in Germany. This is where he attained his Masters Degree in Fine Optics, and due to the war moved to the United States of America and opened Seiler's door in 1945. Seiler is now a five division company: Manufacturing for the United States Military, Microscope, Survey, Planetarium and Night Vision. Seiler Instrument is built on quality, honesty and service.

**1913**

Eric H. Seiler enters Zeiss-Jena School of Fine Optics in Jena, Germany and graduates with his Masters in Fine Optics. The Masters in Fine Optics will allow him to train the art of optics to others.

**1945**

After moving to the US and working for 20 years for another optical company, Eric H. Seiler and Dora L. Seiler start their own Optical Equipment and Repair Company in St. Louis, MO.



**1947**

Eric H. Seiler designs his first set of survey instruments for distribution

**1949**

Seiler Instrument was manufacturing over 100 products, confirming the establishment of both the Seiler Manufacturing Division and Survey Division.

**1950**

Seiler Microscope Division is formed to distribute Carl Zeiss (Jena) Microscopes to North America.

**1968**

Seiler Instrument and Manufacturing moves its headquarters from downtown St. Louis to a 50,000 sq. ft. facility in Webster Groves, MO. Seiler later purchases 2 other neighboring facilities for an expansion ultimately totalling around 78,000 sq. ft.



**1987**

Seiler Planetarium Division is established, representing Zeiss Planetaria throughout the United States and Canada.

**1999**

Seiler opens the Night Vision Division that would make and distribute day/night vision sniper rifle scopes for the police and US Military.

**2003**

Seiler Instrument and Manufacturing earns the ISO 9001:2000 mark for all of its manufacturing practices to exemplify a worldwide quality standard.

**2009**

Seiler Instrument unifies all of its operations under one roof again with the purchase of a new 150,000 sq. ft. facility located at 3433 Tree Court Industrial Blvd, Kirkwood, MO 63122.



**SEILER PRECISION MICROSCOPES**

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