Seiler Intrument and Manufacturing Co., Inc. was established in 1945. In 1913, Eric H. Seiler entered and studied for a decade at the prestigious Zeis-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.

er designs

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

1947 **—**

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

1987

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

1999

78,000 sq ft.

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.







3433 Tree Court Industrial Blvd. St. Louis, MO 63122 Toll Free: 800.489.2282 Local: 314.968.2282 Fax: 314.968.3601 Email: micro@seilerinst.com

Since 1945, A Commitment to Excellence

www.seilermicro.com



The Evolution ZOOM was designed for the High Minded and Highly Specialized Dentist. The New Motorized Focus and Motorized ZOOM can now be accessed via foot pedal or directly on the Optic Pod. The microscope is equipped with all apochromatic lens which ensure outstanding color fidelity, razor sharp imagery and unprecedented detail. The Evoltuion ZOOM has not missed a single curve or feature on this high end surgical microscope.

- Control Brightness, Magnification, and Focus via a foot pedal or directly on the optic pod
- Equipped with Four Different Filters that help with curing, blood differentiation, and laser protection
- Special Designed Beamsplitter to allow maximum efficiency for all attachments, including Assistant Binocular Head, Video and Digital Imaging
- The Evolution ZOOM can be equipped with ALL DSLR cameras, HD Video Cameras, and digital cameras
- Apochromatic lens has better correction of chromatic and spherical aberration than the much more common achromat lenses found in the majority of other SOM
- Equipped with a Optional XY coupling that is automatically set back into the center position by a push of a button







FEATURES

- Objective lens: 200m 400m
 Eyepieces: 10x, 12.5x and 20x
- Field of vision: 14-70mm
- Diopter setting: -6 to +6
- Minimum Interpupillary Distance: 48 to 78mm for the Inclinable Binocular Head
- Illumination field: 70mm
- Illumination brightness in the working area at full power: 80,000 lux (min.)
- Motorized Zoom and Focus function via foot pedal or Optic Pod
- LED Display Control Panel
- 0 200° Inclinable Head
- Xenon (optional)

GENERAL DETAILS

- Vertical Working Height: minimum 0.70m and maximum 1.45m (without XY)
 (with XY Positioning System, minimum 0.67m and maximum 1.44m)
- Scope Dimensions [Height x Length x Width]: 1.81m x 1.80m x 0.80m.
- Microfocus vertical adjustment limit: 40mm.
- Weight: 103Kg (not including accessories).
- · Gross weight including packaging: 170Kg.



ELECTRICAL DETAILS

- Power supply: 90 240~ automatic selection
- Power supply to the Video Camera: 12VDC
- Fuses: 5A
- Average Power Consumption: 200W
- Illumination bulb: Philips EIM 21V 150W 50 Dichroic Reflector or similar







