

# COMPOUND MICROSCOPES



# 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.

Seiler Medical's compound microscopes are trusted by physicians and scientists across the globe to help identify abnormal cell development and facilitate diagnosis.



# Features That Meet Your Needs



## Video/Photo Capture

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.



## Phase Contrast

Powerful technique using specialized optics to make transparent specimens, like live cells, visible by converting tiny refractive index differences into brightness variations, creating contrast without staining.



## MOHS

Specialized, high-magnification necessary to examine thin layers of skin tissue for any remaining cancer cells, ensuring complete tumor removal while preserving healthy tissue.



# Compound Microscopes



Explore Seiler Medical's comprehensive range of compound microscopes, designed for versatility in medical applications. These precision instruments, including the Microlux IV, Westlab III, and SeilerScope, offer advanced features like infinity corrected plan objectives for sharp, aberration-free images, and configurations suitable for various procedures, including dermatology. With options for digital or video camera integration, these microscopes cater to diverse magnification needs, setting a standard in precision microscopy.



## Westlab III

Economically priced routine microscope offering all the standard features of higher-priced scopes including LED illumination, coaxial coarse and fine focusing, Infinity Seidentopf binocular head, right-hand graduated mechanical stage, 10x wide-field eyepieces with 20mm FOV and 4 semi-plan achromat objectives including 4, 10, 40 and 100x oil objective, all mounted on a ball-bearing inward quadruple click-stop nosepiece.

## Specifications

- Includes dust cover, immersion oil, and BGX 1-20 fuse
- Infinity Plan Objectives: 4, 10, 40, 100x oil
- LED Illumination
- Seidentopf Binocular Head: 30° Inclined, 360° Rotation
- Eyepiece: WF10X/20mm
- Interpupillary distance: 50-75mm
- Reversed Quadruple click-stop nosepiece
- Coaxial Coarse and calibrated Fine Focus control
- Condenser: Abbe Type N.A.=1.25 with Iris Diaphragm
- Mechanical stage with removable slide holder 142x140mm; travel area with a right-hand stage handle
- Anti-Fungal System
- 100V-240W Universal Power Supply
- 4 levels of magnification via ambidextrous turret system.
- Limited Lifetime Warranty

## Optional Accessories

Simple Polarization Kit, Trinoc Head, HD Video, or DSLR mounting options sold separately.

## Item Codes

C-WLB814-LED - Standard  
C-WLB819-LED - Live Video



## SeilerScope

The SeilerScope is Seiler Microscope's best-selling entry-level microscope. Standard 4x, 10x, 40x, and 100x (oil) achromat lenses are perfect for most offices or learning institutions. The SeilerScope can also be equipped with video or planachromat objectives.

### Specifications

- Includes dust cover, immersion oil, and BGX 1-20 fuse
- Achromat Objectives: 4, 10, 40, 100x (oil)
- Seidentopf Binocular Head, 30° Inclined, 360° Rotation
- LED Illumination
- Eyepieces: WF10X/18mm
- Coaxial coarse and calibrated fine focus control
- Graduated, right hand double plated mechanical stage
- Condenser: Abbe Type N.A.=1.25 with Iris Diaphragm
- Reversed four-hole nosepiece
- Focusing tension adjustment knob
- Anti-Fungal System
- 110V or 220 switchable power supply
- Limited Lifetime Warranty

### Optional Accessories

Objectives, Trinocular Head, Light/Dark field condensers

### Item Code

C-SXS820-LED



## Microlux IV

The Microlux IV Microscope, our most versatile compound microscope, can be equipped with optional Phase Contrast, Simple Polarization, or MOH's for Dermatology procedures. The Microlux comes with five Infinity Corrected Plan Objectives: 4x, 10x, 20x, 40x, 100x for sharper images and virtually no aberrations.

### Specifications

- Includes immersion oil, dust cover, and BGX 1-20 fuse
- Infinite Plan objectives (5 pieces): 4x, 10x, 20x, 40x, 100x
- Seidentopf Type Binocular head, 30° inclined, 360° Rotable
- LED Illumination
- Eyepiece: WF10X/20mm
- Interpupillary Adjustable distance is 50-75mm
- Coaxial Coarse and Fine Focusing control
- Diopter Adjustable range  $\pm 5^\circ$
- Nosepiece: Reversed Quintuple click-stop revolving mechanism with multiple ball bearings
- Condenser: Abbe Type N.A.=1.25 with Iris Diaphragm for Köhler illumination
- Double layer mechanical stage with removable slide holder, 190x140mm
- Travel stage area 78x55mm with a right-hand stage handle
- Anti-Fungal Systems
- 110V-240V Universal Power Supply
- Limited Lifetime Warranty

### Optional Accessories

Live Video, HD, DSLR, Simple Polarizing Kit, Phase Contrast Kit, Trinocular Head, Darkfield (Dry)

### Item Codes

C-MLX817-LED MICROLUX IV  
C-MLX817-PH-LED MICROLUX IV  
WITH PHASE CONTRAST  
C-MLX818-LED MICROLUX IV  
HD VIDEO  
C-MLX817-DSLR-LED MICROLUX  
IV WITH CANON DSLR ADAPTER



## MOH's – Microlux IV

The Microlux IV for MOH's has all of the features required in a Microscope for performing the MOH's procedure, including; high quality infinity PLAN objectives, Köhler Illumination and Coaxial Fine Focusing adjustment.

### Specifications

- Includes dust cover and BGX 1-20 fuse
- Infinite Plan objectives (5 pieces): 2x, 4x, 10x, 20x, 40x
- Seidentopf Type Binocular head, 30° inclined, 360° Rotable
- LED Illumination System
- Eyepiece: WF10X/20mm
- Interpupillary Adjustable distance is 50-75mm
- Coaxial Coarse and Fine Focusing control
- Diopter Adjustable range  $\pm 5^\circ$
- Nosepiece: Reversed Quintuple click-stop revolving mechanism with multiple ball bearings
- Condenser: Abbe Type N.A.=1.25 with Iris Diaphragm for Köhler illumination
- Double layer mechanical stage with removable slide holder, 190x140mm
- Travel stage area 78x55mm with a right-hand stage handle
- Anti-Fungal Systems
- 110V-240V Universal Power Supply
- Limited Lifetime Warranty

### Optional Accessories

Phase Contrast, HD Video, or DSLR mounting options sold separately

### Item Code

C-MLX250LED

# SEILER

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