

3D SURGICAL MICROSCOPE



SEILER
MEDICAL

History - Culture - Quality



Founded in 1945, Seiler has established itself as a leader in premium optics, offering specialized solutions with the most advanced optical technologies available. As a family-owned and operated company, Seiler is committed to delivering world-class instruments coupled with exceptional customer service.

Seiler's commitment to innovation is exemplified by the launch of their 3D Dental Surgical Microscope in 2020. This state-of-the-art device is revolutionizing dentistry globally by providing unparalleled visual precision, ergonomic design, and superior maneuverability to suit any workspace, thereby enhancing both the practitioner's comfort and the overall quality of dental care.



Features That Meet Your Needs



Ergonomic Design

The Seiler 3D system offers an ergonomic design that ensures comfort and reduces fatigue with its true heads-up display, enabling upright posture and freedom of movement. Its rotating optical pod can be positioned in any orientation without affecting the heads-up posture of the operator, ensuring precision and ease in every procedure



Magnification & Illumination

This surgical microscope offers a versatile 6-step magnification range from 2X to 28X, crucial for success in cosmetic dentistry, endodontics, implantology, and periodontics while enhancing the clarity of treatment areas for both you and your patients. This advanced system surpasses traditional loupes and microscopes with its exceptional depth-of-field of up to 51 mm, a broad 110 mm field of view, and natural, co-axial LED illumination.



Video/Photo Capture

The Seiler 3D microscope provides 2D and 3D HDMI cable connection, which allows for the livestream of external monitors, high-resolution images, and HD video recordings that can be uploaded to any software system used.

Other Key Features:

- No binocular head
- Depth of field greater than 51 mm (up to 60 mm)
- Field of view wider than 110 mm for full arch view (up to 120 mm)
- Variofocus 198 mm to 455 mm working distance
- Very short learning curve resulting in quicker procedures
- 3D high-definition screen is located just in front of the dentist, positioned at the optimum distance to offer the best quality of 3D images
- Magnified video image at 60 FPS with no latency
- Coaxial LED Illumination (5,000°K) with a 50,000 bulb life
- Allows for direct viewing without additional mirror techniques



High Precision Dental Surgeries with 3D Microscopy



Seiler's 3D dental surgical microscope, with its user-friendly 3D technology, lightweight structure, and fluid maneuverability, is transforming dental surgeries. It offers a heads-up 3D display and up to 28X magnification with unmatched depth of field and superior German Schott glass.



Feature Highlights:

- A 3D high-definition monitor is positioned at the optimum distance to offer the best-quality images.
- 3D display follows the movements of the dentist, allowing freedom of movement around the patient.
- Natural intuitive 3D image with normal depth perception and superior clarity.
- Allows for seamless four-handed dentistry.

SKU:

3DV-100- Floor
3DV-200- Wall
3DV-300- High Wall
3DV-400- Ceiling



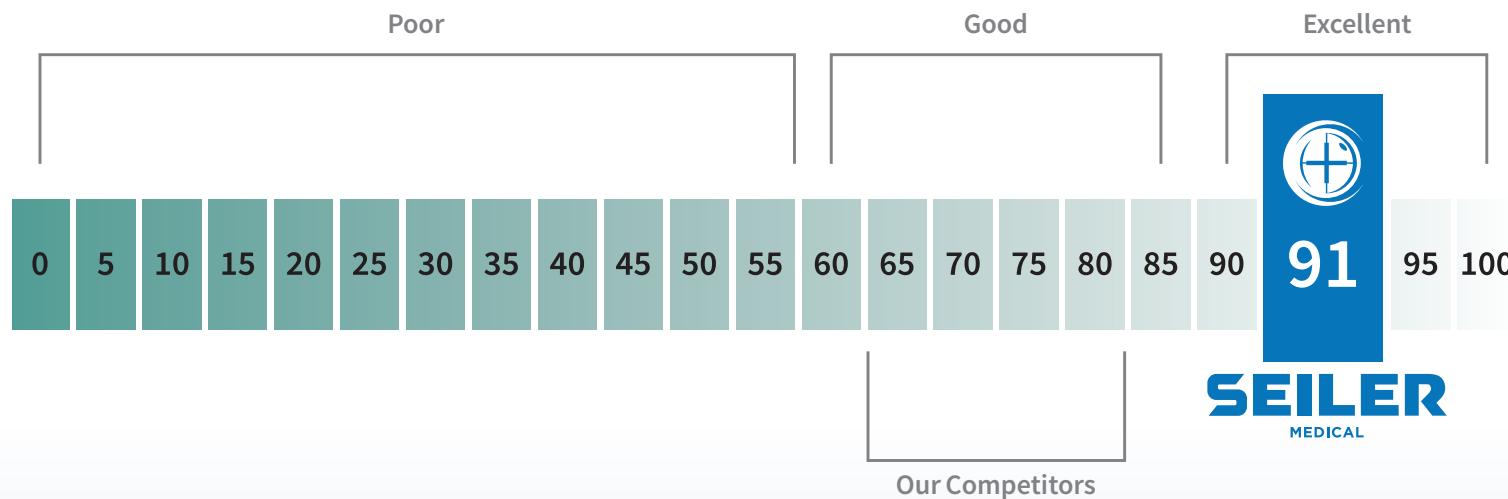
See It in Action!

TruHue Technology

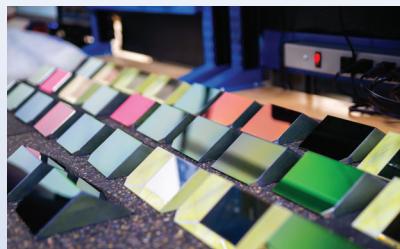


Seiler's unique TruHue technology provides the highest Color Rendering Index (CRI) in the industry. The CRI measures how accurately a light source reveals true colors compared to natural light. Higher CRI shows a sharper image and reduces eye strain.

Color Rendering Index (CRI)



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.

What Doctors are Saying



“I decided to choose the 3D Seiler microscope because when working in endodontics, operative and surgical dentistry the depth of field is so important, the 3D mode offers an outstanding depth of field as well as great illumination of the operative area. Working in 3D with a monitor just in front of my eyes is the most comfortable and relaxed experience, even when working in the most complex cases, being able to give a proper explanation of those complex cases to my patients, is a priceless opportunity for me, and an amazing experience for them.



Being capable to Show the procedures step by step, in 3D, is an aspect making us different from other dental offices.”

Jenner Argueta, DDS, MSC

“It’s going to project you way forward because of the ability to see and therefore to make very well informed decisions.”



Tuong Nguyen, BDS, MSD

“3D microscope has been a defining moment in my dental career, it provides details we haven’t seen before. Microscope is a must for any dental office that wants to provide high quality dentistry.”



Sam Bakuri, DMD, MSD

“I am able to see much more detail and perform surgery with much more precision.”



Israel Puterman, DMD, MSD

“It has so much versatility, many different magnifications, and is ergonomically perfect. I use it for everything.”



-Adamo Notarantonio, DDS, FICOI, FAACD

“You don’t know what you can’t see.

Having the 3D microscope has enabled me to fine tune my restorative procedures to the highest level.”



Dr. Amanda Seay, DDS, FAGD, FAACD

“I transitioned from a conventional operating microscope to the Seiler 3D scope in the early days of my microsurgical Journey.

It has significantly cut down on the learning curve for both myself and my surgical assistants. The added benefits of greater ergonomic freedom and lag-less vision that moves with the objective are something that have made the 3D scope invaluable in my practice.”



-Tapan Koticha, DDS

“This microscope has fundamentally changed the way I practice. If I had to choose just one piece of technology to help me advance patient care, this would be it.”



Dr. Christ Silvoy, DMD

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