



ImageWorks

**MS**  
Mielscope



**A Dental Microscope Like  
Nothing You've Ever Seen**

# Expand the power of your microscope

**More power and magnification than a traditional dental microscope with more flexibility**



**Lower staff turnover because hygienists now get the ergonomic benefit for their work too**



**More compelling conversations with all patients because great 4K image and video with coaxial lighting can be captured at any magnification with a tap of the foot**



**Training and education that is embedded in your practice because it's so easy to actually show your employees in real time**



**Greater efficiency with assisted procedures because the entire team can see what the doctor sees**



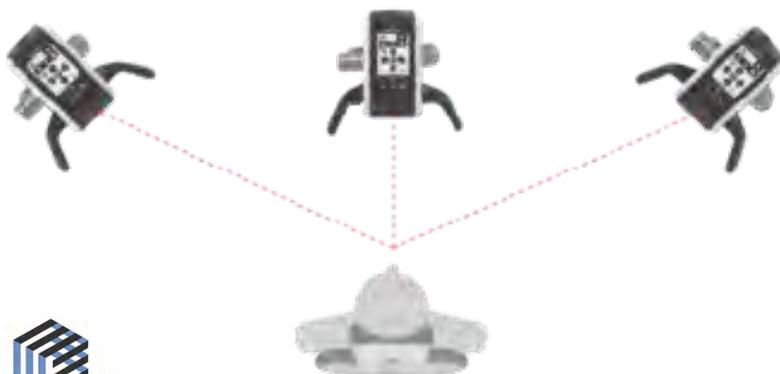
# More power and magnification than a traditional dental microscope with more flexibility

Adjust from large field of view to 80x magnification seamlessly with a tap of the toe.

4K-compatible monitors in combination with digital optical technology supports minute endoscopic treatments such as root canal enlargement and early detection of tooth cracks.



## No eyepieces = No Limitations



Working from a high-definition monitor means full flexibility for any position and any angle.

Operator does not have to sit perfectly still for entire procedure.

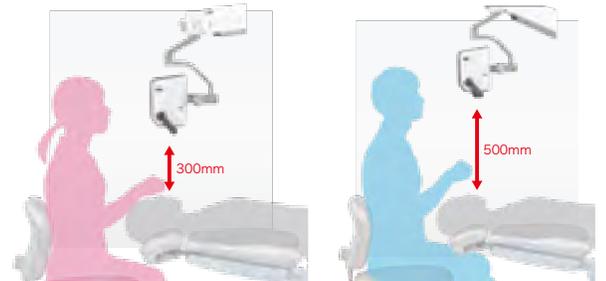
# Lower staff turnover because hygienists now get the ergonomic benefit for their work too

Your hygienists will thank you. The Mielscope allows the operator to perform the entire treatment in a comfortable position.

A high-precision, articulating arm means the desired area can be accurately captured without changing positions. The 3-axis arm allows for free positioning, making it easier to observe many areas without using a mirror.



Very wide working distance means that the Mielscope head can be kept out of the way of the procedure and does not need to be physically moved to remain in focus.



Large working distance also allows combination of direct view and monitor view without having to stop and move microscope out of the way each time.



# Lower staff turnover because hygienists now get the ergonomic benefit for their work too

Flip the image vertically and horizontally with a single touch. By displaying images in an orientation that is easy for patients to understand, comprehension will also increase.



One button autofocus/autozoom, or use foot pedals for total control during procedure.

Preset zoom levels enable quick magnification and focus with a single touch.

Treatment can continue smoothly even if the patient or surgeon moves.



Auto Focus



Auto Zoom



Deep depth of field is needed for high definition intraoral photography and enlarged field of view.

# More compelling conversations with all patients because great 4K image and video with coaxial lighting can be captured at any magnification with a tap of the foot

If the staff has to stop the procedure to put down their instruments and pick up a camera just to capture an image - opportunities will be missed.



Even your newest hygienists will have the power to capture fantastic imagery and video without stopping their procedure.

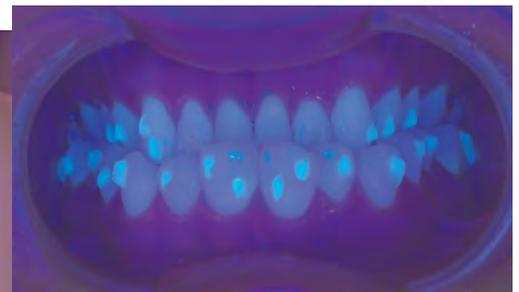


Coaxial lighting, optimal angles, and just the right level of magnification can make the difference for a patient trying to understand what the dental professional is seeing.



Show patients compelling "before" and "after" images and video.

Blue light feature to help identify resin and composite material.



## Training and education that is embedded in your practice because it's so easy to actually show your employees in real time

Offering continuous training requires little effort, because junior staff can observe a procedure in process.

The doctor can confidently delegate and monitor activities to staff. Senior staff can train junior staff.

The doctor spends less time doing and more time leading, training and mentoring.

Recorded procedures can be reviewed to establish lessons-learned and best practices.

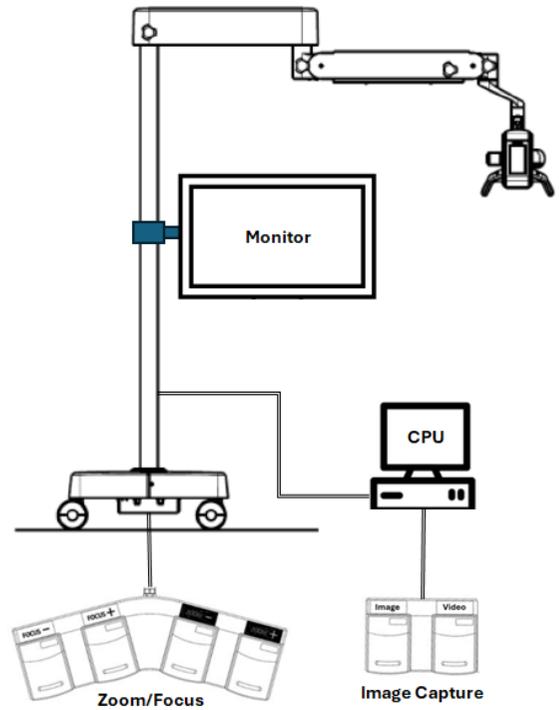
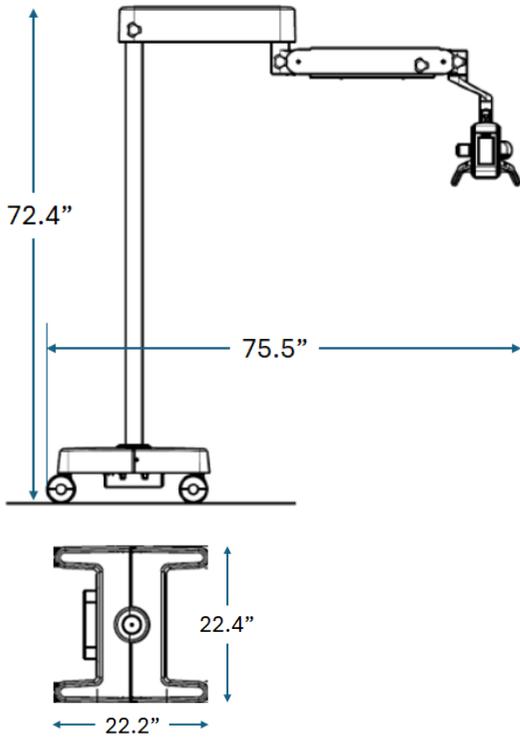
The practice can finally scale.



## Greater efficiency with assisted procedures because the entire team can see what the doctor sees

During a procedure, your staff can see exactly what you see, which allows them to proactively assist – which makes procedures faster and more efficient.





Software for image and video management in standard formats compatible with office imaging software.



## Specifications

Image sensor:  
8.5 million pixel CMOS sensor

Output resolution

- 2K mode: 1920 × 1080, 59.94 fps
- 4K mode: 3840 × 2160, 29.97 fps

Zooming magnification

- 2K mode: 8 to 30x
- 4K mode: 8 to 80x

Working distance:  
300 to 500 mm (12in to 20in)

We know that most dentists are also business owners who focus on getting the best value for their investment. Based in Elmsford, NY for over 30 years, ImageWorks has been manufacturing dental imaging solutions that provide great return on investment. This value stems not only from the quality of our products, but also the quality of our people.

## The ImageWorks Full Dental Imaging End to End Solution



Imaging Software



Digital Intraoral Sensors



Intraoral X-Rays



Panoramic and Cephalometric X-Rays



CBCT Systems



Call 914-592-6100 or email [Custserv@imageworkscorporation.com](mailto:Custserv@imageworkscorporation.com)

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