

NEW!

KAVO DIAGNOcam™ Vision Full HD



Triple diagnostics simultaneously.



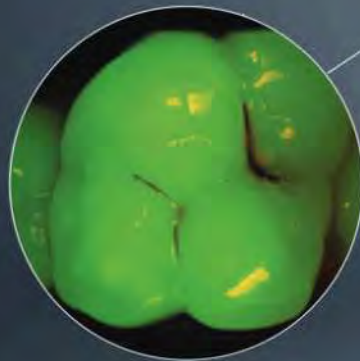
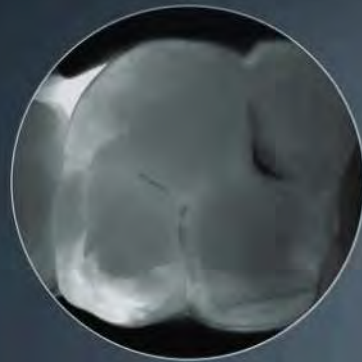
KAVO
Dental Excellence

See more and show it all:

Three diagnostic images instantly from one shot

The NEW KaVo DIAGNOcam Vision Full HD allows you to capture, present and save three relevant diagnostic images in less than one second. Seamlessly integrates into your current workflow while providing valuable information to both you and your patient.

You call it amazing - we call it the DIAGNOcam Vision Full HD.



3 IN 1



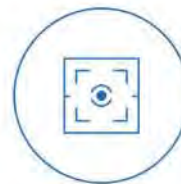
Enhanced caries detection for optimal patient care

Caries (tooth decay) is the most common infectious disease, affecting nearly everyone at some point.

The DIAGNOcam Vision Full HD uses transillumination and fluorescence to provide immediate, radiation free diagnostic images, ensuring patient safety.

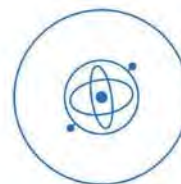
Early detection with DIAGNOcam preserves healthy tooth structure and enhances long-term care.

Detect caries early and safely with up to 99%* accuracy, thanks to intuitive handling and minimal training. Clinically proven and widely used in practice.



Always sharp

Permanent auto-focus for intra and extra oral images ensures precise and clinically relevant images captured on the first shot every time.



Gyro sensor for easy orientation

Images always captured in the correct position due to integrated gyro sensor automatically recognizing where you are in the oral cavity.



Integrated best image selection

To minimize the susceptibility to blurry images, the camera automatically saves recordings directly before and after the shot, selects the image with highest quality and displays it on the screen.

Elegance meets innovation:

The all-in-one camera DIAGNOcam Vision Full HD

Envision capturing three distinct diagnostic images with a single device – consistently clear quality, all within a second.



Standout Features

Combinable recording modes

You can select to record a transillumination, fluorescence, or intraoral image individually – or combine two or three modes together in one shot.

All images in Full HD quality

Thanks to a true HD resolution of 1,920 x 1,080 pixels, all pictures are displayed in absolute sharpness.

Various capturing options

Capture images using either the touch panel or the mouse on your PC. These options provide easy and steady imaging to suit your individual preferences.



One tip for the whole workflow

KaVo DIAGNOcam's patented tip allows you to capture all 3 images, eliminating the need to change during the examination.

3 clinically relevant images in one shot

Combining a transillumination device for caries detection, a fluorescence instrument for comprehensive analysis, and an intra-oral camera into one device.

Ergonomic, customizable control panels

Two touch panels on the top and bottom for easy image capture anywhere in the oral cavity and customizable to your desired preferences.

Clear operation

Integrated LED shows the status of the camera: white during operation and blue for standby.

Effortless handling with balanced precision

A light, perfectly balanced camera for comfortable, ergonomic handling and stress-free recordings.

Transillumination mode: Light years ahead of caries

99%*
accuracy

Caries diagnosis with transillumination – light years ahead. With the DIAGNOcam Vision Full HD, light waves complement X-rays otherwise needed for caries detection, giving you exceptional image quality and detail.



Interproximal caries



Occlusal caries



Secondary caries

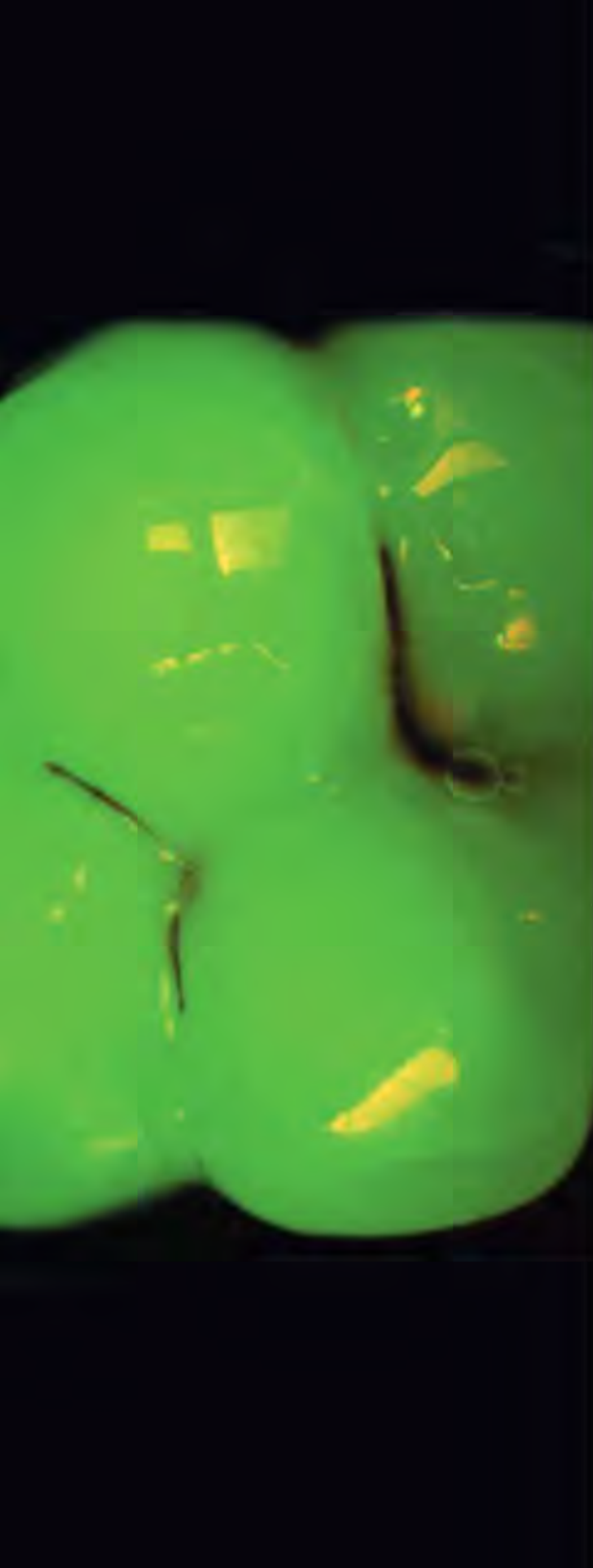


Cracks

Detecting caries early is good. Detecting caries early and safely is better. Thanks to the intuitive handling, you can diagnose caries using the transillumination mode of the DIAGNOcam Vision Full HD with an extreme accuracy of up to 99%* – with almost no training at all! Clinically established and proven in practice through countless recordings.

- The light source inserted in the tip illuminates the tooth from the neck to the occlusal surface.
- A digital camera shows the captured scenes live on the screen of your choice.
- The tooth becomes a light conductor, making the tooth structures visible. Any carious lesion or cracks that the light comes across on its way to the tooth surface are clearly identifiable and visibly darker.

* Precise diagnosis with DIAGNOcam based on: Kühnisch J, Söchtig F, Pitchika V, Laubender R, Neuhaus KW, Lussi A, Hickel R "In vivo validation of near-infrared light transillumination for interproximal dentin caries detection," Clinical Oral Investigations, May 2016.



Fluorescence mode: Essential for comprehensive analysis

This fluorescent light stimulates the metabolic properties of (e.g. cariogenic) bacteria on the tooth's surface. Emitting different colors, the tooth's surface is displayed greenish and metabolic properties of cariogenic bacteria are shown reddish. This allows the user to detect caries activity, making it possible to diagnose pathological findings. The mode enables the recording of images in the fluorescence range, in order to diagnose occlusal caries and plaque.



The final check of your dental workflow

The fluorescence mode is particularly useful in the assessment of occlusal surface caries and for final checks prior to placing restorative materials.



Easily see filling materials

Composite materials are very easy to recognize and are clearly shown with the fluorescence mode to help detect even the smallest caries development at the margins.



Intraoral camera: High resolution, optimal images

With the DIAGNOcam Vision Full HD you create remarkably clear and distortion free Full HD photographs in real time. In addition, all images, from face to macro shots, are optimized to keep their natural color tones and to remain clear even when enlarged – enabling you to easily view the smallest details.



Face image

Distortion-free portraits, easily added to the patient file documentation of your Patient Management System (PMS).



Smile image

Ideal to capture the lip line and smile line – useful for dental technicians to match the color and create perfectly aligned aesthetic anterior restorations and for pre-post comparison and documentation for your patients.



Tooth image

The easy way to chart current patient history and categorize dental restorations, and overall patient hygiene. Perfect for pre-post comparison and documentation of your patients.



Macro shot

Magnification assists in detecting the smallest lesions, cracks in filling materials, and helps in assessment prior to endodontic therapy.

DIAGNOcam Vision Full HD Software

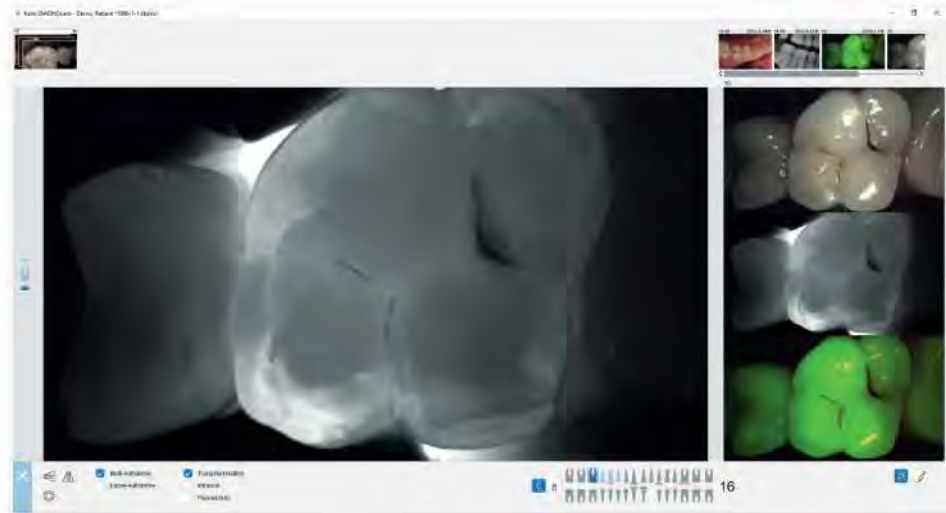
Simplify your workflow with our advanced imaging software

Our latest software upgrade makes capturing dental images easier than ever. Choose between single or multiple shots with just a click and take a comprehensive 3-in-1 image in under a second, covering transillumination, fluorescence, and intra-oral modes.

Enhanced User Interface

Enjoy a streamlined experience with our new, intuitive user interface, designed to align with KaVo's latest design style. While the interface has been updated for enhanced simplicity and clarity, all your familiar features and functionalities remain at your fingertips.

Experience seamless imaging with our easy-to-use software, designed to make your dental diagnostics more efficient and effective.



Install with a single click:

Download the latest KaVo DIAGNOcam software at:
www.kavo.com/en-us/products/diagnostics/diagnocamt-vision-full-hd

For technical support, contact our KaVo Customer Care at:
www.kavo.com/en-us/services/welcome-kavo-remote-support

Easily integrate into third-party software

KaVo's proprietary TWAIN interface software makes it simple and easy to connect DIAGNOcam Vision HD into your existing software.
(part no. 1014.8400)

Explore DIAGNOcam Vision Full HD

See what experts are saying

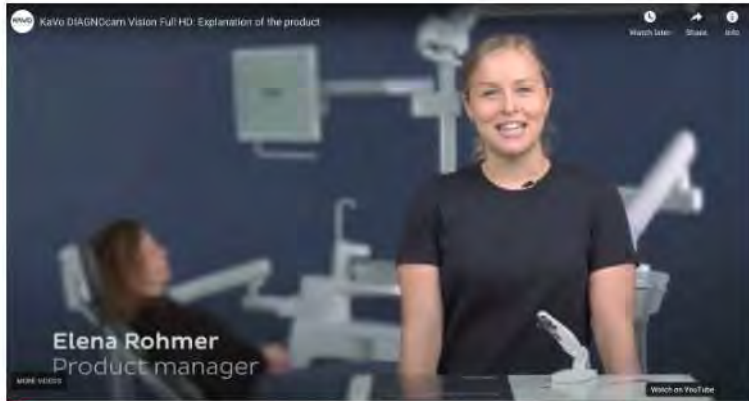


John Flucke, DDS

Dental Products Report Chief Clinical Editor and Technology Editor John Flucke, DDS, gives a hands-on explanation of why the KaVo DIAGNOcam Vision Full HD imaging solution works efficiently and effectively. [6 minutes]



Scan to watch video



Go behind the scenes with our product team

Discover the full potential of the DIAGNOcam Vision Full HD as our expert product team takes you on an exclusive, in-depth tour. Watch as they reveal the cutting-edge features and remarkable benefits that set our product apart.



Scan to watch video

Technical specifications and ordering information

Power consumption	Max. 0.5 A
Supply voltage	5 V
Tube length	2.5 m
Weight/Diameter	190 g/approx. 30 mm
Interface	USB 2 /USB 3

System requirements

PC	Windows 64 bit (Microsoft Windows 7, Microsoft Windows 10), Microsoft Windows 11
CPU	Quad-Core 2.8 GHz or higher (e.g. Intel Core i5/i7)
Main memory	8 GB
Disk space	10 GB free disc space recommended
Display	Full HD 1,920 x 1,080 or higher
Graphic card	3D backing (OpenGL® 3.3) and 2 GB or more free disk space recommended (at 4K displays: 4 GB)

DIAGNOcam Kit	Kit Part no.
DIAGNOcam Vision Full HD	1011.1213 (2.5 m standard tube for stand-alone)

Included in kit:	
	Tip Vision Full HD
	Fluorescence Cover
	Cradle Vision Full HD
	Sheath Vision Full HD

DIAGNOcam accessories

Tip Vision Full HD	1013.5708	(1 piece)
Tip Vision Full HD	1013.5709	(4 pieces)
Fluorescence Cover	1013.5712	(1 piece)
Fluorescence Cover	1013.5715	(4 pieces)
Cradle Vision Full HD	1013.5500	(1 piece)
Wall Mount Vision Full HD	1013.0400	(1 piece)
Sheath Vision Full HD	1013.5711	(100 pieces)

Software

TWAIN Interface Software	1014.8400
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Tip
Vision Full HD



Fluorescence Cover
Vision Full HD



Wall Mount
Vision Full HD

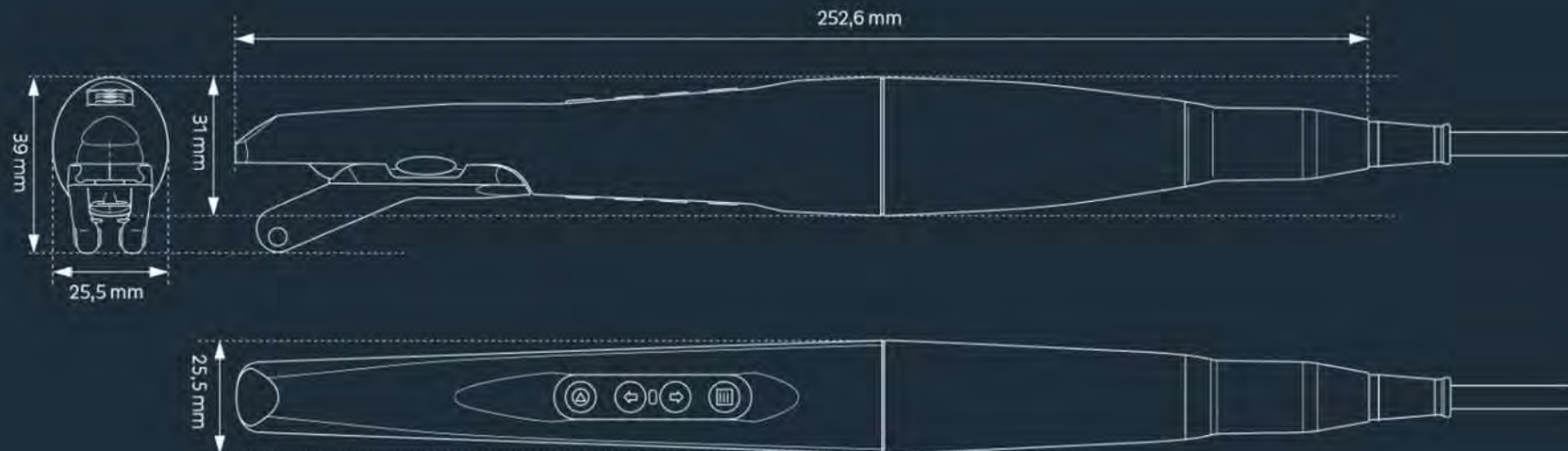


Cradle
Vision Full HD



Sheath
Vision Full HD

Dimensions



Dental Excellence from KaVo.

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