

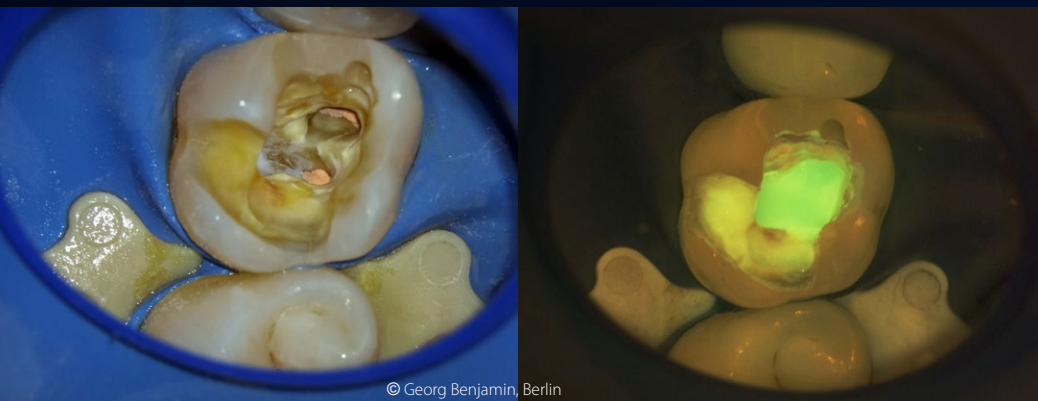
# FlexionCam

Introducing the CJ-FlexionCam – a revolutionary imaging solution crafted specifically for dental microscopy.



# NEWS

- **High Image Accuracy:** Precise visualization for exact diagnostics
- **Prevention of Distortion:** Reliable imaging at high magnifications
- **Higher Resolution:** Enables detailed examination of teeth
- **Improved Contrast & Brightness:** Better visibility in low-light areas
- **Accurate Color Reproduction:** True-to-life colour for precise assessments
- **Sharpness Across Entire Field:** Uniform clarity without blurry edges
- **Optimized Optical Design:** Maximized precision for dental procedures
- **Live Streaming up to 4K60P**
- **RAW and JPEG photos**



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**Discover crystal-clear images**  
Thanks to the latest optical technology and the highest quality sensors for unmatched precision and detail.

**IDS  
2025**

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# Flexion Zoom Advanced

Discover the Flexion Zoom for precise, comfortable workflows! The seamless zoom feature allows you to adjust magnification smoothly, offering flexibility and perfect clarity for every procedure.



- **20% continuously higher main magnification** /  $\gamma = 0.5 - 3.0$
- **Fully apochromatic Pancratic Zoom (1:6) system**
- **Sharper image quality** by minimizing optical distortion
- **Larger lens diameter** for better aperture and depth of focus
- **Optimum 3D impression** through extended stereo base
- **Time-saving** – allows quick adjustment to changing viewing conditions
- **Time efficiency** – eliminates the need to switch between fixed magnifications
- **Higher treatment precision** – essential for detailed work



Features CJ-Optik Flexion Zoom	
Zoom magnification range	0.5 - 3.0 (APO, manual zoom)
VarioFocus	VF4 (200 - 350 mm) or VF5 (210 - 500 mm), PlanAPO
Illumination	High-power LED with 5500 K, adjustable spot LED diaphragm
Filter	Orange filter for composite treatment
Documentation	SensorUnit for photo and video recordings
Item number	113-100-0000



# Flexion 3D

A new dimension in dental imaging. Featuring integrated fluorescence technology, Flexion 3D provides superior visualization for enhanced diagnostics and treatment efficiency.



- **Clear view of the** entire oral cavity
- Detailed visual information thanks to the **3D monitor with tracking system**
- **Fluorescence mode** for identification of caries and tartar
- **No 3D polarization glasses needed**
- Up to **20 x magnification**
- **Ergonomic posture** for dentist & assistant
- **Comfortable photo & video documentation**
- **Short learning curve**
- **Improved patient compliance:** by being involved via the monitor image

Technical Data CJ-Optik Flexion 3D	
Monitor resolution	3840 x 2160 pixels
Monitor size	13.3" (33.8 cm) diagonal
Monitor distance for 3D	400 - 800 mm
Camera resolution	2x FullHD
Camera zoom	10x optical / 2x digital
Camera working distance	260 - 300 mm with 10x optical zoom, larger working range with smaller zoom
Item number	115-100-0000 (head + monitor), 115-200-0000 (arm)

