

# FlexionCam

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



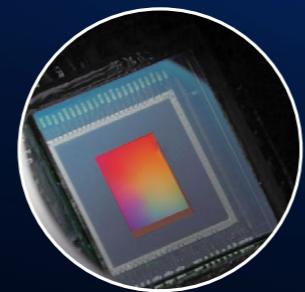
# NEWS



- **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.

**CJ-Optik GmbH & Co. KG**

Willeckstrasse 1 • 35614 Asßlar-Werdorf • Germany • Telephone +49 (0) 64 43 - 81 81 33 0 • Fax +49 (0) 64 43 - 81 81 33 9  
office@cj-optik.de • www.cj-optik.de

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**IDS**  
**2025**

# 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** /  $y = 0.5 - 3.0$
- **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  |

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)                          |

