

Technical Data

Flexion 3D		
Magnification	1x - 20x	
Field of view	14 - 250 mm	
Brightness	20.000 - 30.000 Lux	
Working distance	200 - 300 mm	
White LED colour temperature	5.700 K	
Wavelength UV LED	405 nm	
Cameras	2 x Full HD, 60 Hz	
Video signal	3D SBS Full HD, 60 Hz	
Working distance 3D monitor	55 - 80 cm (ideal at 65 cm)	
Horizontal working range 3D monitor	approx. ± 27°	
Auto focus	Yes	
Mains connection	Voltage: 90 - 264 V Mains frequency: 47 - 63 Hz Current: < 4 A	
Functions	Fluorescence mode White light spot White light diffuse Continuous brightness adjustment Zoom	Auto focus Manual focus Image capture Video capture

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Fluorescence image: © Dr. Carlos García / Mexico



Flexion 3D



Flexion goes 3D

3D dental microscopy is another advanced way to optimise dental treatments. The new Flexion 3D from CJ-Optik uses a special monitor that does not require the user to wear 3D glasses. It can be used in almost all dental fields. 3D dental microscopy via a monitor is particularly appealing to dentists who prefer the monitor image to the view through the binoculars of the classic dental microscope.

Benefits of the Flexion 3D dental microscope

- 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

NEW

Flexion 3D



3D monitor

- Spatial vision: Depth, distance and shape in perfect 3D
- Suitable for wearers of glasses
- Large working distance and freedom of movement
- Integrated 3D image tracking for ergonomic sitting position
- Monitor size: 13.3", resolution: 4K
- Viewing distance approx. 50 - 80 cm (ideal: 65 cm)

Control panel (assistant)

- Settings (for example zoom speed & focus speed)
- Same functions as the control panel on the head so that full operation by the assistant is ensured



Control panel (dentist)

- Zoom
- Focus
- Auto focus
- Brightness
- Photo

Mounting options

- Mobile Stand
- Floor
- Ceiling
- Wall

Endodontics

Periodontics

Implantology

Prosthetics

Flexion
3D

Dental technicians

Dental hygienists

Seeing more.
For better clarity.

