



# Accessories

Transform your microscope

Dear customer,

If you are looking for high-quality accessories to ensure the optimal performance of your dental microscope, we have just what you need. Whether your primary concern is first-class patient care, reliability, ergonomics or cost reduction, CJ-Optik offers the items you need. Our catalogue showcases our complete family of accessories: from objectives to cleaning agents - all from a single source. In the back of the brochure you will find the compatibility with products from other manufacturers and all item numbers.

If you have questions please contact [office@cj-optik.de](mailto:office@cj-optik.de)

VarioFocus.....	3
Protection Glass .....	3
Ergo Optics.....	4
Turnment Plates .....	4
Beam Splitters .....	5
Binoculars .....	5
Imaging Ports & MicVision App .....	6
MicroVis Software .....	7
Illumination .....	7
Laser Filter.....	8
Splash Guard Protection .....	8
Sterilization Caps .....	9
Optics Cleaning .....	10
Item Numbers .....	12 & 13

VarioFocus objective lenses are compatible with all major microscopes. They replace your current objective lens and provide improved ergonomics during the treatment.

- Continuously adjustable objective lens
- Replaces current objective
- Microscope adjusts to user for improved ergonomics
- Increases flexibility in a multi-doctor practice

VarioFocus<sup>2</sup>



200 – 350 mm working distance  
*For Alltion, CJ-Optik Flexion, Global, Leica*

VarioFocus<sup>2</sup>



200 – 350 mm working distance  
*For Labomed, Seiler, Zumax, SmartOptic, Zeiss Opmi Pico*

VarioFocus<sup>3</sup>



210 – 470 mm working distance  
*Only for CJ-Optik Flexion microscope family*

Protection Glass & Protection Glass HPC



All VarioFocus objectives can be equipped with an additional protection glass. For highest demands the protection glass with hydrophobic coating (HPC) is available. The Flexion models Basic and Advanced can be refitted with the HPC lens. Users of the Advanced SensorUnit and Twin already benefit from the advantages of the HPC lens.

- Keeps dust and dirt particles away
- Repels water drops from the lens surface
- Cleaning the lens is much faster

All available models on pages 12 & 13.



# Ergo Optics

The Ergo Optics are perfect for improving posture with your microscope. The angle raises your binocular up as well as pushes you away from the head of the microscope. This allows you to sit in a more natural position when working. You can add one or two beamsplitter ports to improve the functionality of the wedge.

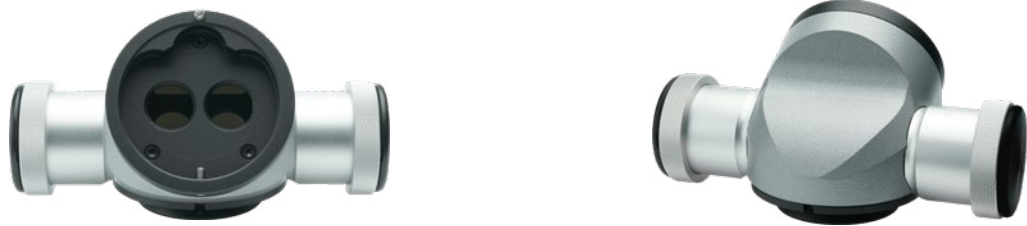
Ergo Optics with beam splitter, 50:50, right-sided



Ergo Optics with beam splitter, 50:50, right-sided



Ergo Optics with beam splitter, 50:50, double-sided



# Turnment Plates

Turnment plates are the interface between binocular and microscope. This allows the microscope head to be moved into any position without the user having to change his ergonomic working position.



All available models on pages 12 & 13.

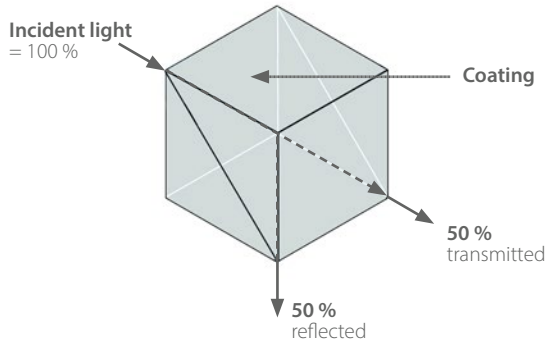
# Beam Splitters

The beam splitter allows you to connect Imaging-Ports for DSLM and DSLR cameras, smartphones as well as secondary observation tubes.

Beam Splitter, 50:50, double-sided



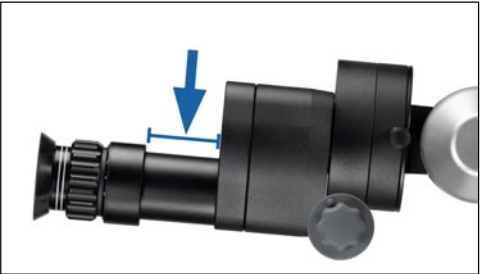
How a beam splitter works



Binoculars f170



Binoculars f200



For 18% higher magnification (compared to f170)

# Binoculars

IPD Adjustment



Both binoculars are available with IPD: For a convenient adjustment of the interpupillary distance.

All available models on pages 12 & 13.





# Imaging Ports

Whether you prefer to document the treatment in 4K, in HD or with a smartphone: Focal lengths and optics have been uniquely designed for an ideal match to today's latest digital cameras. When the camera is not in use, the cover provided prevents dust from entering.

## HD-Imaging-Port



- For APS-C cameras (sensor size: 22 x 16 mm)
- For Sony, Nikon & Canon

## 4K-Imaging-Port



- For FullFrame cameras (sensor size: 36 x 24 mm)
- For Sony, Nikon & Canon

## Phone-Imaging-Port

The phone imaging port allows the use of a smartphone for viewing and documentation purposes. The adapter is compatible with all smartphones (up to 6,5").



## MicVision App - The ideal match for the Phone-Imaging Port

MicVision by CJ-Optik captures image/video via CJ-Optik Phone-Imaging-Port for microscopes for medical applications. MicVision standardises video and image documentation workflows in combination with any microscope. It leverages on the advances of the mobile phone imaging technology to capture high clarity of the image/video by optimised camera settings including fine controlling of illumination and focus.



iPhone, iPad and App Store are trademarks of Apple Inc.  
Google Play and the Google Play logo are trademarks of Google LLC.

All available models on pages 12 & 13.

# Software

## MicroVis Software

With the MicroVis software specially developed for the Flexion microscopes, the image and video files of the treatment are conveniently and securely stored in your patient's file (PACS). Thanks to its user-friendliness, MicroVis relieves your team and you save important time. MicroVis is optionally available and compatible with all common practice management systems.

- Ideal for communicating with patients & assistants effectively
- Standardizing video and image documentation workflow
- Patient management
- Editing of photos and videos
- Supports DICOM modalities



Get superior light output.  
Good treatments are only possible with powerful light sources.

## CJ-UB 300 - High Power LED Light Source



- External housing with different connectors
- 250.000 Lux light output
- Color temperature: 5.700 K
- > 60.000 h life time
- Fibre optic cable included

## LED Retrofit - Illumination Systems



- For Zeiss Opmi Pico LED Retrofit unit
- Independent On/Off brightness adjuster
- 100.000 Lux light output
- Color temperature: 5.700 K
- > 30.000 h life time

# Illumination



# Laser Filter

Put safety first when you are working with a laser tool. Our laser filter with a range of 705 – 1290 nm ensures that your eyes are safe at any time. Easy assembly: All you have to do is remove the binocular head and then insert the filter. When the filter is not needed, simply pull it out a little.



- 705 – 1290 nm
- Other laser filters on request
- Compatible with all CJ-Optik Flexion microscopes
- Also for microscopes from other manufacturers

# Splash Guard Protection

In the dental practice, there are many possibilities of infection for the patient and the practice team. Therefore, it is absolutely necessary to comply with all hygiene guidelines and to work as if every patient were potentially infectious. Therefore, now more than ever, it is also important to keep a certain distance. CJ-Optik offers a splash guard to help protect dentists and patients during treatment with microscopes. With a simple assembly without tools, the plexiglass plates for the eyepiece and for the lens are attached.



## Splash Guard

- Splash guard to avoid infections
- Plexiglass (3 mm)
- Splash Guard Binocular (approx. 21x21 cm)
- Splash Guard Objective (Ø 25 cm)
- Easy to install without tools
- Available for CJ-Optik Flexion microscope family and Zeiss, Foldable tube 170/260, Leica M320

# Sterilization Caps



## Handles

- Handle set (2 handles)
- Suitable for: CJ-Optik Flexion microscopes and others
- Material: rubber, sterilisable



## Asepsis Caps

- Asepsis set (2 caps)
- Suitable for: CJ-Optik Flexion microscopes and VarioFocus systems
- Material: rubber, sterilisable





# Optics Cleaning



## Optics Cleaning Set

- Lens pen
- Air blower
- Optics cleaning spray (118 ml)
- 2 microfibre optics clothes
- Bag size: 14,5 x 21 x 8 cm (W x H x D)



## Optics Cleaning Spray

- 118 ml
- Natural
- Alcohol-free
- Biodegradable
- Environmentally friendly



## Optics Cleaning Cloth

- Microfibre cloth
- 100% Microfibre P-9000
- Approx. 250 g/sqm
- Size: 15 x 18 cm



# We are there for you

Our clients know what they need and how to use it to achieve their best treatment results. And if there is ever a need for advice, our customer service will be happy to help and looks forward to your enquiry.

**Just give us a call: +49 6443 81 81 330**  
**or send an e-mail: office@cj-optik.de**

With accessories from CJ-Optik, our clients benefit from more than 20 years of experience in high performance optics and mechanics.

The CJ-Optik mission:  
**We move one step further every day - for our customers!**



Our in-house production is located in Asslar in the immediate vicinity of the “City of Optics” Wetzlar. The production is according to CE, ISO 9001:2015 and ISO 13485:2016 thus guaranteeing the highest quality and reliability. We take advantage of the region’s out-standing expertise by cooperating with the “Wetzlar Network” and local suppliers.



Item Numbers

Turnment Plates	
997-200-0000	Turnment plate / Zeiss / Labomed / Seiler / Zumax
997-200-0300	Turnment plate / Leica / Global
Beam Splitters	
712-000-0010	Beam splitter / double sided 50:50 Zeiss
712-000-0011	Beam splitter / left sided 50:50 Zeiss
712-000-0012	Beam splitter / right sided 50:50 Zeiss
712-000-0020	Beam splitter / double sided 50:50 / Leica
712-000-0021	Beam splitter / left sided 50:50 Leica
712-000-0022	Beam splitter / right sided 50:50 Leica
712-000-0030	Beam splitter / double sided 50:50 / Global G+A series
712-000-0031	Beam splitter / left sided 50:50 / Global G+A series
712-000-0032	Beam splitter / right sided 50:50 / Global G+A series
712-000-0040	Beam splitter / double sided 50:50 / Kaps
712-000-0041	Beam splitter / left sided 50:50 Kaps
712-000-0042	Beam splitter / right sided 50:50 Kaps
Binoculars - Swivel tube with turnment plate	
102-400-0000	Binoculars f170 mm, APO
102-400-0010	Binoculars f170 mm with IPD, APO
102-1200-0000	Binoculars f200 mm, APO
102-1200-0010	Binoculars f200 mm with IPD, APO
Apps / Software	
n.a.	MicVision App for iOS or Android - Free download from App Store and Google Play Store
003-900-0100	MicroVis Software
Illumination	
307-000-0000	CJ-UB 300 (Ultrabright LED light source) without fibre optic cable
304-000-0000	Zeiss Pico LED Retrofit / with original Zeiss housing
002-750-0005	Instrument adapter Labomed
002-750-0006	Instrument adapter Zeiss
Laser Filter	
102-810-0010	705 - 1290 nm
Splash Guard Protection	
503-200-0000	Splash Guard Binocular (approx. 21x21 cm)
503-100-0000	Splash Guard Objective (Ø 25 cm)
Sterilization Caps	
004-010-0001	Handles (set = 2 pcs.)
999-003-0001	Asepsis Caps (set = 2 pcs.)
Optics Cleaning	
006-004-0000	Optics Cleaning Set with bag
006-001-0003	Optics Cleaning Spray, 118 ml
004-900-0006	Optics Cleaning Cloth, 15x18 cm

Item Numbers

VarioFocus / 200 - 350 mm / Plan-APO	
601-000-0011	VF <sup>2</sup> / VarioFocus 200-350 mm / adjustable objective lens / Zeiss
601-000-0012	VF <sup>2</sup> / VarioFocus 200-350 mm / adjustable objective lens / Labomed / SmartOptic
601-000-0021	VF <sup>2</sup> / VarioFocus 200-350 mm / adjustable objective lens / Kaps
601-000-0022	VF <sup>2</sup> / VarioFocus 200-350 mm / adjustable objective lens / Zumax, Alltion
601-000-0024	VF <sup>2</sup> / VarioFocus 200-350 mm / adjustable objective lens / Seiler
601-000-0031	VF <sup>2</sup> / VarioFocus 200-350 mm / adjustable objective lens / Global
601-000-0032	VF <sup>2</sup> / VarioFocus 200-350 mm / adjustable objective lens / Leica
601-000-0034	VF <sup>2</sup> / VarioFocus 200-350 mm / adjustable objective lens / Zeiss ProMagis
601-000-0035	VF <sup>2</sup> / VarioFocus 200-350 mm / adjustable objective lens / Flexion
VarioFocus / 210 - 470 mm / Plan-APO	
603-000-0035	VF <sup>3</sup> / VarioFocus 210-470 mm / adjustable objective lens / Flexion
Lens Protection	
601-200-0000	Protection glass
601-200-0010	Protection glass with Hydrophobic coating (HPC)
Ergo Optics 30°	
710-000-0020	30° ergo tube / double sided 50:50 / Leica M320
710-000-0021	30° ergo tube / left sided 50:50 / Leica M320
710-000-0022	30° ergo tube / right splitter 50:50 / Leica M320
710-000-0030	30° ergo tube / double sided 50:50 / Global G+A series
710-000-0031	30° ergo tube / left sided 50:50 / Global G+A series
710-000-0032	30° ergo tube / right sided 50:50 / Global G+A series
711-000-0000	30° ergo tube / beam splitter 50:50 inline exit
714-000-0000	30° ergo tube / double sided 50:50 / Zeiss / Labomed / Seiler
714-000-0001	30° ergo tube / left sided beam splitter 50:50 / Zeiss / Labomed / Seiler
714-000-0002	30° ergo tube / right sided beam splitter 50:50 / Zeiss / Labomed / Seiler
714-000-0003	30° ergo tube / without beam splitter / Zeiss / Labomed / Seiler
Imaging Ports	
HD-Imaging-Port / APS-C sensor 22x16	
203-000-0010	HD-Imaging-Port / Zeiss / Seiler / Zumax / Alltion / DFV / Semorr / SmartOptic
203-000-0020	HD-Imaging-Port / Leica M320 / Sony E-mount
203-000-0030	HD-Imaging-Port / Kaps / Sony E-mount
203-000-0040	HD-Imaging-Port / Global / Sony E-mount / G+A series
203-000-0050	HD-Imaging-Port / Flexion / Sony E-mount
203-000-0060	HD-Imaging-Port / Labomed / Sony E-mount
203-000-0070	HD-Imaging-Port / Möller-Wedel / Sony E-mount
4K-Imaging-Port / FullFrame 36x24	
202-000-0010	4K FullFrame / Zeiss / Seiler / Zumax / Alltion / DFV / Semorr / SmartOptic
202-000-0020	4K FullFrame / Leica M300-320 / Sony E-mount
202-000-0030	4K FullFrame / Kaps / Sony E-mount
202-000-0040	4K FullFrame / Global / Sony E-mount / G+A series
202-000-0050	4K FullFrame / Flexion / Sony E-mount
202-000-0060	4K FullFrame / Labomed / Sony E-mount
202-000-0070	4K FullFrame / Möller-Wedel / Sony E-mount
Phone-Imaging-Port with universal smart phone holder	
205-000-0010	Phone-Imaging-Port / Zeiss / Seiler / Zumax / DFV / Semorr / SmartOptic / Alltion
205-000-0020	Phone-Imaging-Port / Leica M320
205-000-0030	Phone-Imaging-Port / Kaps
205-000-0040	Phone-Imaging-Port / Global G+A series
205-000-0050	Phone-Imaging-Port / Flexion
205-000-0060	Phone-Imaging-Port / Labomed
205-000-0070	Phone-Imaging-Port / Möller-Wedel





## CJ-Optik GmbH & Co. KG

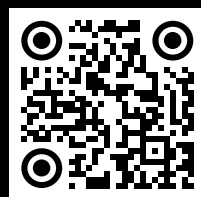
Willeckstrasse 1  
35614 Asslar-Werdorf  
Germany

Phone: +49 (0) 64 43 - 81 81 33 0

Fax: +49 (0) 64 43 - 81 81 33 9

[office@cj-optik.de](mailto:office@cj-optik.de)

[www.cj-optik.de](http://www.cj-optik.de)



For electronic reference,  
please scan the QR code  
or visit  
[cj-optik.de/en/accessories](http://cj-optik.de/en/accessories)