

ENT microscopes

CJ Optik, Karl Kaps
und Carl Zeiss



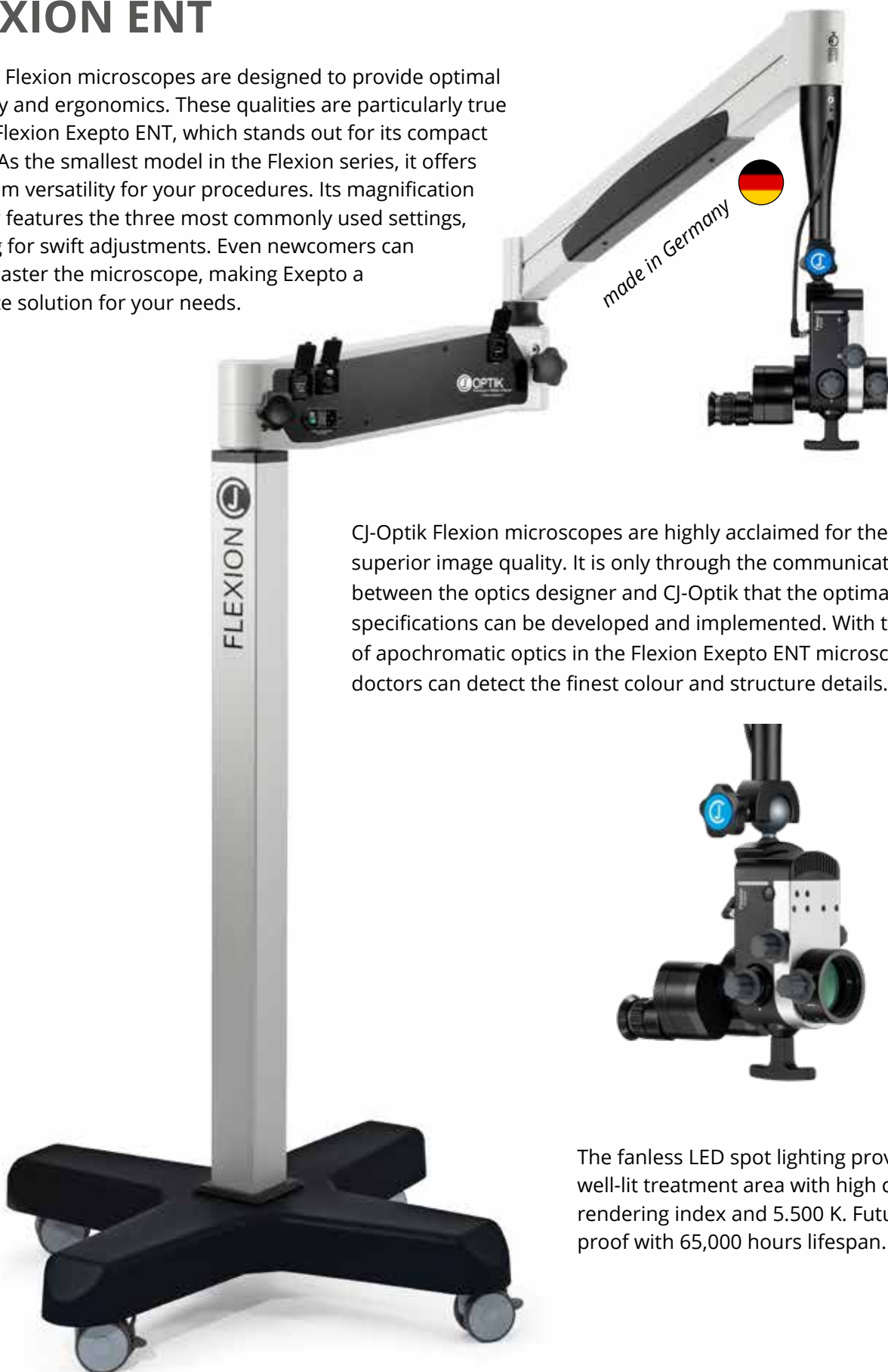


Since 1983, **Heinemann Medizintechnik** is one of the leading equipment providers in **ENT medical technology**.

The company is not only a **manufacturer** of high-quality ENT treatment units, but also a **competent** partner for practice planning as well as your sales **partner** for complete ENT equipment in **hospitals** and private practices.

FLEXION ENT

CJ-Optik Flexion microscopes are designed to provide optimal flexibility and ergonomics. These qualities are particularly true for the Flexion Exepto ENT, which stands out for its compact design. As the smallest model in the Flexion series, it offers maximum versatility for your procedures. Its magnification changer features the three most commonly used settings, allowing for swift adjustments. Even newcomers can easily master the microscope, making Exepto a complete solution for your needs.



CJ-Optik Flexion microscopes are highly acclaimed for their superior image quality. It is only through the communication between the optics designer and CJ-Optik that the optimal specifications can be developed and implemented. With the use of apochromatic optics in the Flexion Exepto ENT microscope doctors can detect the finest colour and structure details.

The fanless LED spot lighting provides a well-lit treatment area with high colour rendering index and 5.500 K. Future-proof with 65,000 hours lifespan.

MonoGlobe

The uniquely designed MonoGlobe is the weightless movement balancing system. The coupling system allows fluid and smooth repositioning at all angles without having to adjust the tension.



Details make the Difference

Just to name some of the many remarkable features that makes working with the Flexion Exepto microscopes so comfortable:

- Individual eyecup adjustment
- Large eye relief with bigger exit pupil
- IPD adjuster optionally available

VarioFocus

Choose from different working distances with plan-apochromatic correct built-in optics. The superior light transmission provides optimal viewing results. Removable protection cover lens with Hydrophobic Coating (HPC). Index Matching Coating for highest transmission and low reflection rates.

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

All VarioFocus objectives can be optionally equipped with an additional lens protection or with Hydrophobic Coating (HPC) for highest demands. 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.



Flexible and customized

Flexion – The name says it all, even with the different mounting options. In addition to the dimensions shown here, CJ-Optik also offers tailor-made heights and lengths of all tripod parts in order to adapt the assembly to the premises in the best possible way. In addition, the parts can be interchanged (e.g. when changing from floor to ceiling mounting).

Experience full connectivity with HDMI, USB, USB3, camera AC/ DC power and 24V monitor power supply integrated within the arm for a cleaner cable management and for an optimal digital workflow. No fragile fibre-optic cables that break or tangle..



Microscope with mobile stand



Microscope with ceiling Mount



Microscope with wall mount or mounted on the ENT unit

Flexion

Anyone who has ever worked with one of our microscopes knows why we called them Flexion. We consider the Flexion as a flexible extension of the doctor's eyes. The upright treatment position ensures a relaxed posture and thus prevents neck and back problems in the long term.*



Ordering Information	REF
CJ microscope Flexion ENT with 3-step apochromatic magnification changer (0.7x, 1.0x, 1.45x), widefield eyepieces WF 12.5x, F = 170 mm apochromatic, stereo base 24 mm for enhanced 3D vision, objective f = 250 mm, fanless high power LED 5.500 K / 65.000 h life time, MonoGlobe movement, 355° axis control, T-handle, 1 x Asepsis set for the knobs (sterilizable)	537-1020100
CJ microscope Flexion ENT with 5-step apochromatic magnification changer (0.4x, 0.63x, 1.0x, 1.6x, 2.5x), widefield eyepieces WF 12.5x, F = 170 mm apochromatic, stereo base 24 mm for enhanced 3D vision, objective f = 250 mm, fanless high power LED 5.500 K / 65.000 h life time, MonoGlobe movement, 355° axis control, ergonomic handle, illuminated field diaphragm, green filter, 1x Asepsis set for the knobs (sterilizable)	537-1020200
Interpupillary Distance Adjuster IPD	537-1024030000
VarioFocus4 / 200-300 mm with protection glass	537-6050000035
VarioFocus5 / 210-500 mm with protection glass	537-6060000035
Endoport beam splitter	537-7150000020
Mobile stand	537-10311000000
Wall Mount	537-10331000000
Ceiling Mount	537-10321000000
Objective Focus f = 200 mm (fine focussing +/- 7 mm)	537-6500000020
Objective Focus f = 250 mm (fine focussing +/- 7 mm)	537-6500000025
Objective Focus f = 300 mm (fine focussing +/- 7 mm)	537-6500000040
Objective Focus f = 400 mm (fine focussing +/- 7 mm)	537-6500000045
Objective Flexion f = 200 mm	537-6520000020
Objective Flexion f = 250 mm	537-6520000025
Objective Flexion f = 300 mm	537-6520000030
Objective Flexion f = 400 mm	537-6520000040

Additional equipment available on request

*Product descriptions and illustrations from the manufacturer "CJ Optik GmbH & Co. KG"



SOM 22

SOM 62

SOM model range

Standard equipment:

- 3-level magnification changer
- Lens $f = 250$ mm
- Binocular straight tube $f = 125$ mm
- 2x Eyepieces for spectacle wearers, WF 12.5xV or WF 10xV
- LED illumination unit

Examples of additional equipment



Microscope holder with fine focussing



Rapid lens changer



Beam splitter with endoscope adapter



Lenses



Handles



45° coupler



Lens fine focus



Monitor holder



Vario objective



Observer tubes

Ordering Information	REF
KAPS SOM 22 (installation in unit) with coaxial LED cold light illumination	535-0500005
KAPS SOM 62 (floor installation) with cold light illumination	535-0500014
Beam splitter with endoscope adapter	535-101890000
Lens f = 200 mm	535-101630000
Lens f = 250 mm	535-101640000
Lens f = 300 mm	535-101660000
Lens f = 400 mm	535-101670000
Lens fine focus with integrated lens f = 200 mm, focus area 15 mm	535-101701000
Vario lens f = 200-400 mm	535-162700000
Cold light adapter with green filter	535-162335000
Rapid lens changer for 3x changer (without lens)	535-102181000
Magnification 5x step changer	535-101120200
Rapid lens changer for 5x changer (without lens)	535-102191000
Wall bracket for wall mounting	535-102110000
T-handle, infinitely adjustable	535-102185100
Monitorhalterung am SOM-62	535-162205000

Additional equipment available on request

ZEISS OPMI pico

Comprising the OPMI pico with 5x changer, integrated green and orange filter, a T-handle and integrated cold light fibreoptic illumination with rapid lamp changer

- Straight wide-field tube 45° $f = 170$ mm
- 2 eyepieces with 10x magnification
- Lens $f = 250$ mm
- Wall, ceiling or floor stand including illumination unit and fibreoptic light cable
- 2 sleeves for tubes with screw thread
- Dust cover
- 6-pack of asepsis caps 12 mm





Ordering information	REF
Zeiss Opmi pico (installation on unit)	547-0500074
Endoport (beam splitter with endoscope adapter)	547-1153971

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