

EIBOS 2

For non-contact wide-angle
fundus observation



Tradition and Innovation – Since 1858, visionary thinking and a fascination with technology have guided us to develop innovative products of outstanding reliability: Anticipating trends to improve the quality of life.

 **HAAG-STREIT
SURGICAL**



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EIBOS 2

All-in-one solution

The unique benefit of EIBOS 2 is the integrated inverter which minimizes the height of the microscope and flips away when not needed. The inverter body is extremely slim which allows the surgeon, at low magnification, to simultaneously visualize the fundus and the incision area, upright in the same orientation. At medium or high magnification, the surgeon has the impression of 'being' in the eye instead of just looking at the fundus. Two ophthalmoscopic lenses are available: 90 D and SPXL for wide angle observation. Their high quality optics allow excellent vision to the edges of the visual field. Operation is fast and easy as the microscope is immediately focused on the cornea when the EIBOS 2 is flipped out of its working position.

MOUNTING

Convenience & safety

The mounting system of the EIBOS 2 is designed such that the optical axis remains in the center of the visual field. The inverter body can be turned to either side and placed in any position which is most convenient for the surgeon. For the utmost safety it is suspended on a spring-loaded rail system.

RECONDITIONING

Sterile handling

Mounting ring, suspension, levers, knobs, and lens can be autoclaved as well as the silicone cover for the inverter. The cover slides easily onto the inverter body, and the lens with its bayonet snaps quickly and safely into position. As an alternative to the sterilizable ophthalmoscopic lenses, disposable lenses are also available.

FOCUSING

Sharpness at your fingertips

Focus levers can be attached to both sides of the inverter body. The surgeon keeps surgical instruments in their hands and moves the lever with a fingertip. The focus shifts from the fundus to the upper vitreous body and back. If focusing is done by the assistant, round knobs may be used instead of the levers.

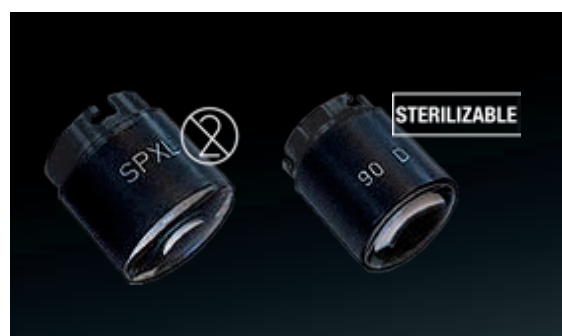
Technical specifications

General

Working distance	175 mm or 200 mm
Adaptation	HAAG-STREIT SURGICAL, MÖLLER-WEDEL, and ZEISS microscopes

Lens	90 D	E.DL 90 D	SPXL	E.DL SPXL
Diopter	90 D	90 D	132 D	132 D
Field of view	90°	90°	124°	124°
Working distance to cornea	7 mm	7 mm	4 mm	4 mm
Reconditioning	sterilization	none, disposable	sterilization	none, disposable

Subject to alterations.





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Expert opinion **Superb ergonomics and excellent optics**

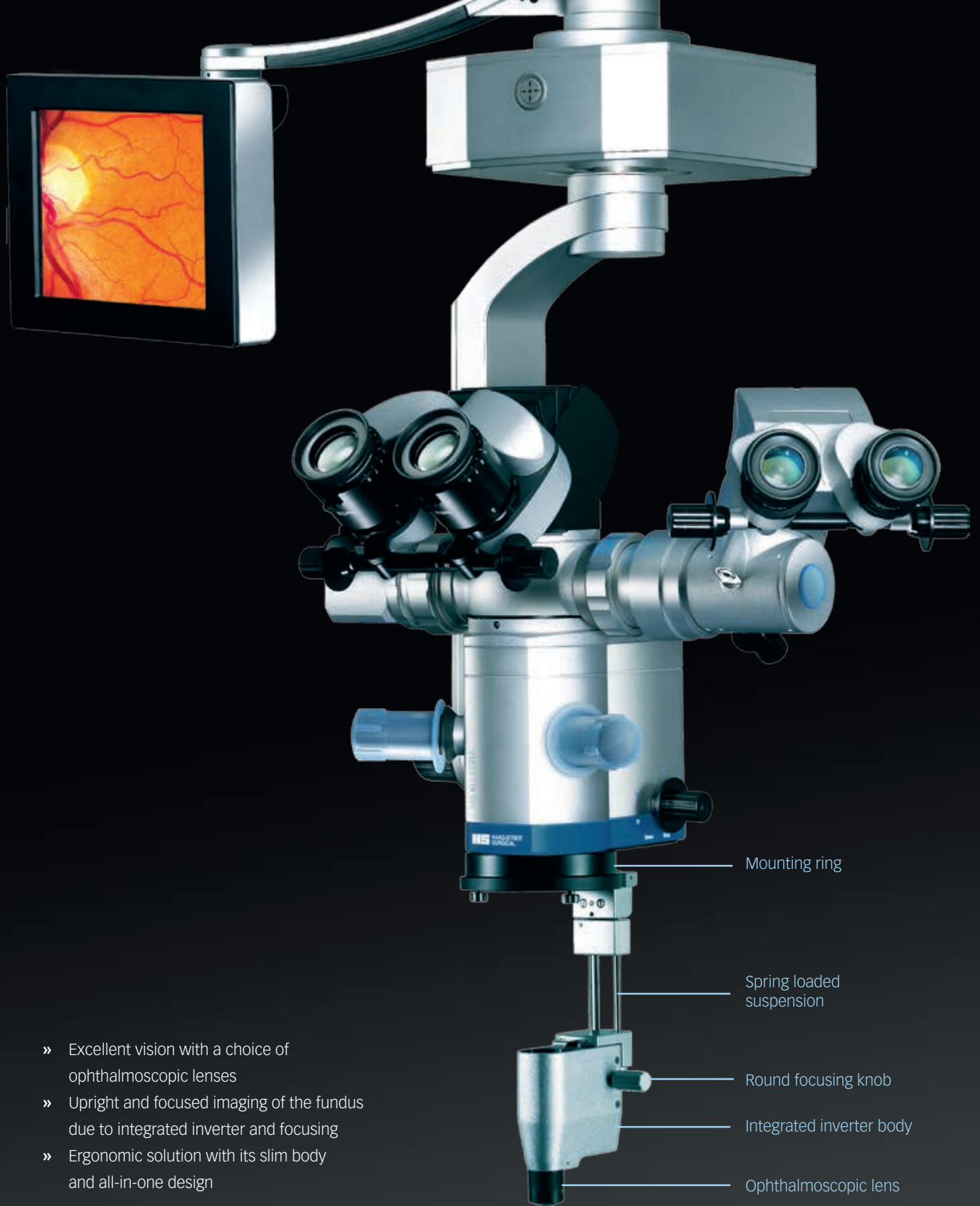


ABOUT EIBOS 2



» The integrated inverter of the EIBOS 2 from HAAG-STREIT SURGICAL gives an upright image all the time without having the need for an external inverter in the microscope stack. This is particularly useful for operating rooms where the scope is shared by both anterior and posterior segment surgeons. The EIBOS 2 is especially user-friendly and provides superb visualization of the peripheral vitreous body and retina. Mechanical robustness and image quality under air are both unequivocally best in class. «

CHRISTOPHER D. RIEMANN, MD
CINCINNATI EYE INSTITUTE, OHIO, USA



- » Excellent vision with a choice of ophthalmoscopic lenses
- » Upright and focused imaging of the fundus due to integrated inverter and focusing
- » Ergonomic solution with its slim body and all-in-one design

Mounting ring

Spring loaded suspension

Round focusing knob

Integrated inverter body

Ophthalmoscopic lens

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All products are conform to the EC guidelines and thus CE labeled.