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HS HI-R NEO 900

Strong name - Strong product

Enjoy high optical visualization with HAAG-STREIT SURGICAL'S microscope HS Hi-R NEO 900 for challenging tasks turning into smooth cases.



HS HI-R NEO 900

Better vision - the key to higher precision

Perfect examples of the product's optical quality are its large stereo base of 25 mm for best 3D vision and its large depth of field. These allow high depth appraisal and limit focusing procedures. Looking through the oculars will tell you more than a thousand words could.

C.RED 900

Turn all eyes on red

The microscope's integrated red reflex enhancer is especially designed to clearly show all details during capsulorhexis and polishing of the capsular bag. For light hazard protection even at low illumination levels a bright reflex is visible. It can be individually adjusted to always achieve a perfect red glow as well as switched off for corneal surgery.





HS HI-R NEO 900A

For teaching

HS Hi-R NEO 900A offers the assistant full stereoscopic vision. The 0° assistant scope has its own magnification changer and focusing device allowing both surgeons independently to select the focal plane and magnification. It easily swivels laterally and, for relaxed working, the eyepiece head may be inclined and rotated into the most comfortable position.



ACCESSORIES

Possibilities on demand

Depending on the demand, the operating microscope HS Hi-R NEO 900 can be configured in a modular way. Various optional accessories are available.

IOCT

Discover a new dimension

The world's first intraoperative OCT camera is integrated into the high class operating microscope HS Hi-R NEO 900A and its carrying system. Live OCT scans of the eye's anterior or posterior segment support a number of procedures and ensure surgical outcome. Discover more details and enhance your possibilities.





EIBOS 2

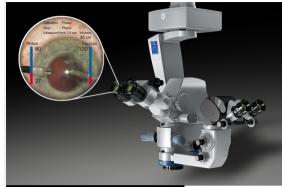
Fundus observation with integrated inverter

Important for vitreoretinal surgery is the non-contact wide angle ophthalmoscope EIBOS 2. Covered with a sterile drape, it is flipped down for the operation. The focus mechanism and the inverter are integrated.

C.INJECT 900

Enrich your vision

The image injection system C.INJECT 900 provides additional information as intraoperative OCT scans or phaco settings at a glance. Data is injected in exceptional resolution binocularly.





HS MIOS 5

Comprehensive yet intuitive recording

The prime functions of HS MIOS 5 are the recording of operation scenes as well as the capturing and recording of snapshots, together with proper identification of patient and hospital data. Images and video streams can be stored on DVD-R/-RW, HDD, USB flash drive, and external USB hard disk drive or transmitted to the hospital PACS via DICOM.

C.MOR HD / HD3

Compact HD camera

C.MOR HD is a full HD color video camera designed for the HAAG-STREIT SURGICAL microscope. Its ultra-compact camera head houses a 1/3" CMOS sensor that meets very high standards. In its 1 and 3-chip version, images are crisp and sharp. Different user settings allow individual adjustments.





TOCULAR

Precise angle alignment of toric IOLs

TOCULAR is a rotatable wide angle ocular with an integrated reticle. This can be rotated manually via a sterilizable knob to precisely adjust the implantation angle for alignment of toric IOLs.

KERATOSCOPE

Keratometry with ring lights

To examine the curvature of the cornea, the KERATOSCOPE can be attached to the microscope. A fixation light for the patient supports correct usage.



EYEPIECE HEAD VARIATIONS

Ergonomics

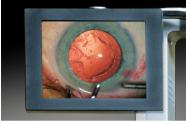
In order to guarantee an upright and relaxed posture during surgery HAAG-STREIT SURGICAL offers various kinds of eyepiece heads that compensate different body heights as well as accessories as the VERTISCOPE to shorten the microscopes body and increase the distance between patient and surgeon.

EF 5000 AND EF 5001

Ergonomic control

For most ergonomic control of the microscope HAAG-STREIT SURGICAL recommends its corrosion-proof foot switches. While EF 5000 is connected to the floor stand via cable, EF 5001 controls 14 functions of the microscope wireless via Bluetooth.





M.DIS AND C.MON HD

Display

Best control of the camera image and additional opportunities for observation are provided through monitors. Those may be mounted directly to the microscope head to serve the surgeon and the assistant (M.DIS) or on the floor stand for further staff (C.MON HD).



FLOOR STANDS

More than just carrying systems

For the carrying system various options arise. These including the choice of illumination (halogen and LED), brakes (electromagnetic or manual) as well as size. Choose your floor stand analog to your comfort and space requirements.

FS 3-45

Perfect reach, stability, flexibility

With its extreme arm length of 1600 mm the floor stand FS 3-43 allows great flexibility for positioning in the OR. The automatic balancing easily and fast adjusts the system when accessories are changed. Additional holders for foot switches, trays for camera control units, and a high resolution monitor or other accessories may be attached to the column.





FLOOR STAND CONTROL

At a glance

The floor stand is computer-controlled via a touch screen. Here illumination and balancing can be controlled. Additionally, the individual start settings of the microscope parameters can be programmed for each surgeon.

LED

Powerful light

The floor stand is equipped with a brilliant white and clear LED illumination. In its 3rd generation, the LED features a high CRI (Color Rendering Index) that shows colors most naturally. The homogenous light is free of hot spot and without IR and UV radiation extremly save. Its lifetime of 50,000 hours maintance is highly ecomomically.





FS 2-21/25

High-tech solutions

Electromagnetic brakes in the floor stands FS 2-21 (halogen) and FS 2-25 (LED) support the smooth movements of the microscope while their shape and internal reinforcements make the floor stands extremely stable against vibrations. A holder for a foot switch can be mounted directly to the column as can trays for camera control units, a high-resolution monitor, or other equipment.

FLOOR STAND CONTROL

At a glance

The floor stand is computer-controlled via a touch screen. Here illumination and balancing can be controlled. Additionally, the individual start settings of the microscope parameters can be programmed for each surgeon.



LED

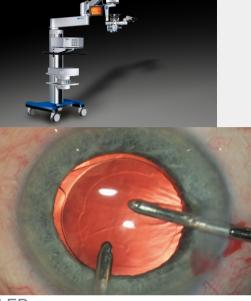
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FS 2-11/15

Mechanical solutions

The floor stands FS 2-11 (halogen) and FS 2-15 (LED) are equipped with mechanical brakes that allow for free-floating movements as well as for stable working positions. The light source is mounted externally for easy access. A tray to carry a camera control unit may be attached to the column. All cables are hidden inside a cable duct.



LED

Powerful light

The floor stand is equipped with a brilliant white and clear LED illumination. In its 3rd generation, the LED features a high CRI (Color Rendering Index) that shows colors most naturally. The homogenous light is free of hot spot and without IR and UV radiation extremly save. Its lifetime of 50,000 hours maintance is highly ecomomically.

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