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HS ALLEGRA 900

Quick and precise operation

With its awarded design, HS ALLEGRA 900 is optimized for surgical procedures in day clinics, surgical centers, and hospitals.



HS ALLEGRA 900

High quality

The apochromatic optics provides a sharp and contrasty image for the surgeon at any zoom setting. Due to the large stereo base of 25 mm, a unique depth perception is achieved.

STANDARD FEATURES

Configured to work

In addition to the motorized focusing device, HS ALLEGRA 900 contains an X-Y coupling for horizontal tracking in ophthalmology. As a standard, the microscope is equipped with a 200 mm front lens.



LIGHT MANAGEMENT

Intraoperative filter selection

The microscope contains a filter disk for daylight, softlight, UV protection (yellow filter), blue light (excitation of fluorescence), and green light (better recognition of blood vessels). In addition, two spot diaphragms are integrated against glare.

MULTIDISCIPLINARY USE

The all-round talent

A special advantage for multidisciplinary use is the large inclination range of -8° to $+100^{\circ}$, e.g. in ophthalmology and ENT – even laryngoscopy as well as ear examinations and surgeries are possible.



ACCESSORIES

Possibilities on demand

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

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.



C.MOR HD / HD³

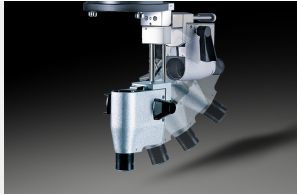
Compact HD camera

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.

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.



TOCULAR

Precise angle alignment of toric IOLs

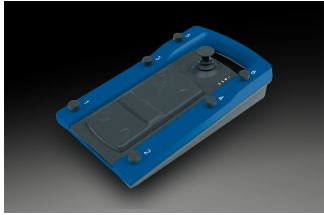
TOCULAR is a rotatable wide angle ocular with an integrated reticle. This can be rotated manually via a sterilizable knob to precisely adjust the implantation angle for alignment of toric IOLs.

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.





EF 5000 AND EF 5001

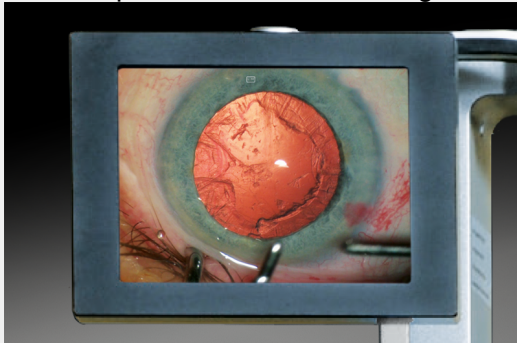
Ergonomic control

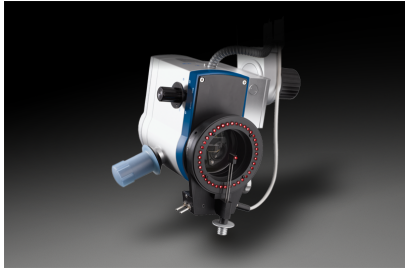
For most ergonomic control of the microscope HAAG-STREIT SURGICAL recommends its corrosion-proof foot switches. While EF 5000 is connected to the floor stand via cable, EF 5001 controls 14 functions of the microscope wireless via Bluetooth.

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).





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



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 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

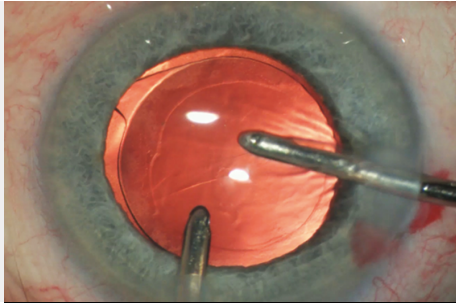
At a glance

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

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 extremely save. Its lifetime of 50,000 hours maintenance is highly economically.



FS 2-11/15

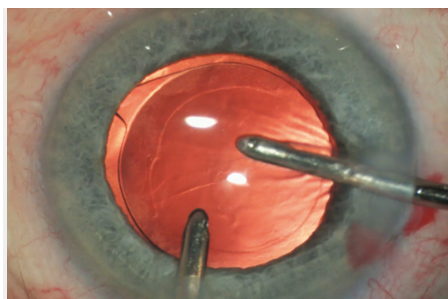
Mechanical solutions

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 extremely save. Its lifetime of 50,000 hours maintenance is highly economically.



FS 1-12

Big in small spaces

For only little space in the operating room, doctors' offices, and systems with few accessories, HAAG-STREIT SURGICAL offers the floor stand FS 1-12 with mechanical brakes and two 150 W halogen light bulbs with a quick switchover mechanism.

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