



SLIT LAMP BX 900

Professional imaging

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**
DIAGNOSTICS

THE PHOTOGRAPHER'S SLIT LAMP

BX 900 Superior technology – reliable instrument

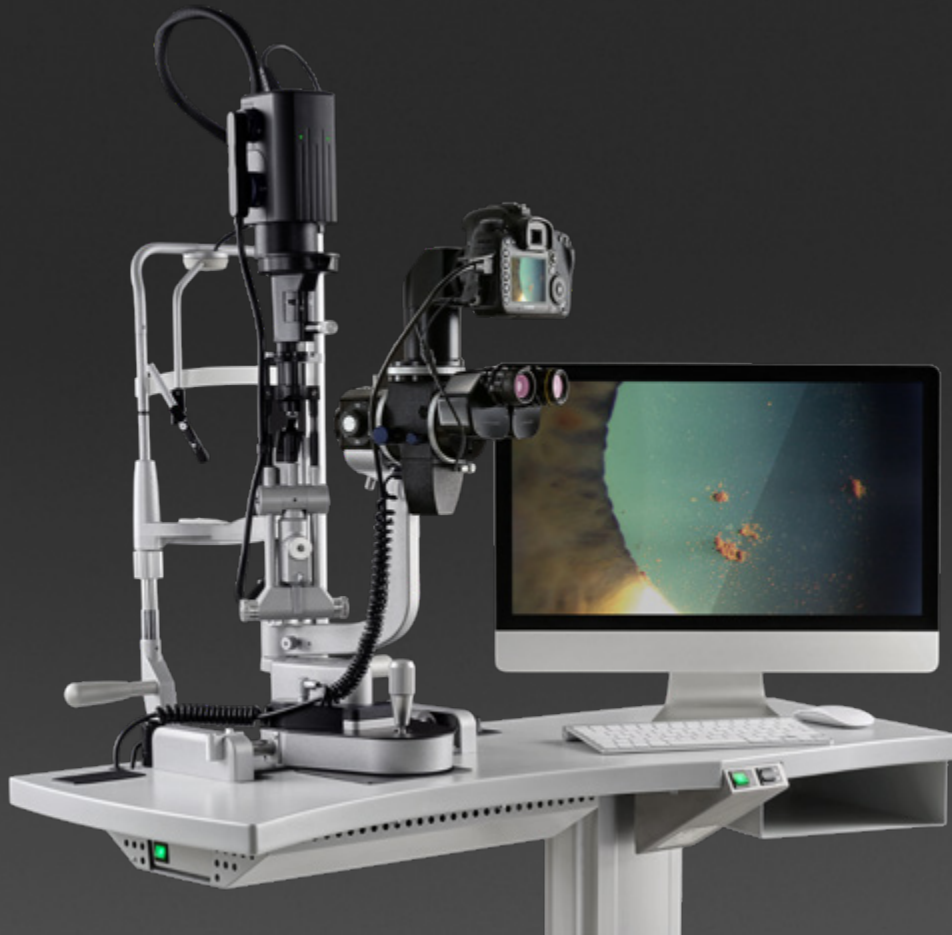
The Haag-Streit BX 900 slit lamp combines the latest imaging technology with the proven versatility, optical brilliance and mechanical quality of the Haag-Streit tradition. The BX 900 is the leading slit lamp imaging device and is designed to assist the Ophthalmic Photographer in his demanding profession.

Ophthalmic imaging of the highest possible quality is ensured with an integrated flash, fully synchronised with camera and slit and

background illumination, all controlled through a release mechanism directly beside the slit lamp joystick, as well as adaptors for a variety of top-of-the-range digital single lens reflex cameras.

The camera is mounted above the microscope, thus allowing ease of access to the patient. This is especially useful when photographing in conjunction with hand-held diagnostic lenses.

BX 900





PIVOTING BACKGROUND MODELLING ILLUMINATION

Background illumination

INTEGRATED FLASH TUBE, SYNCHRONISED TO SLIT,
BACKGROUND ILLUMINATION AND SHUTTER RELEASE

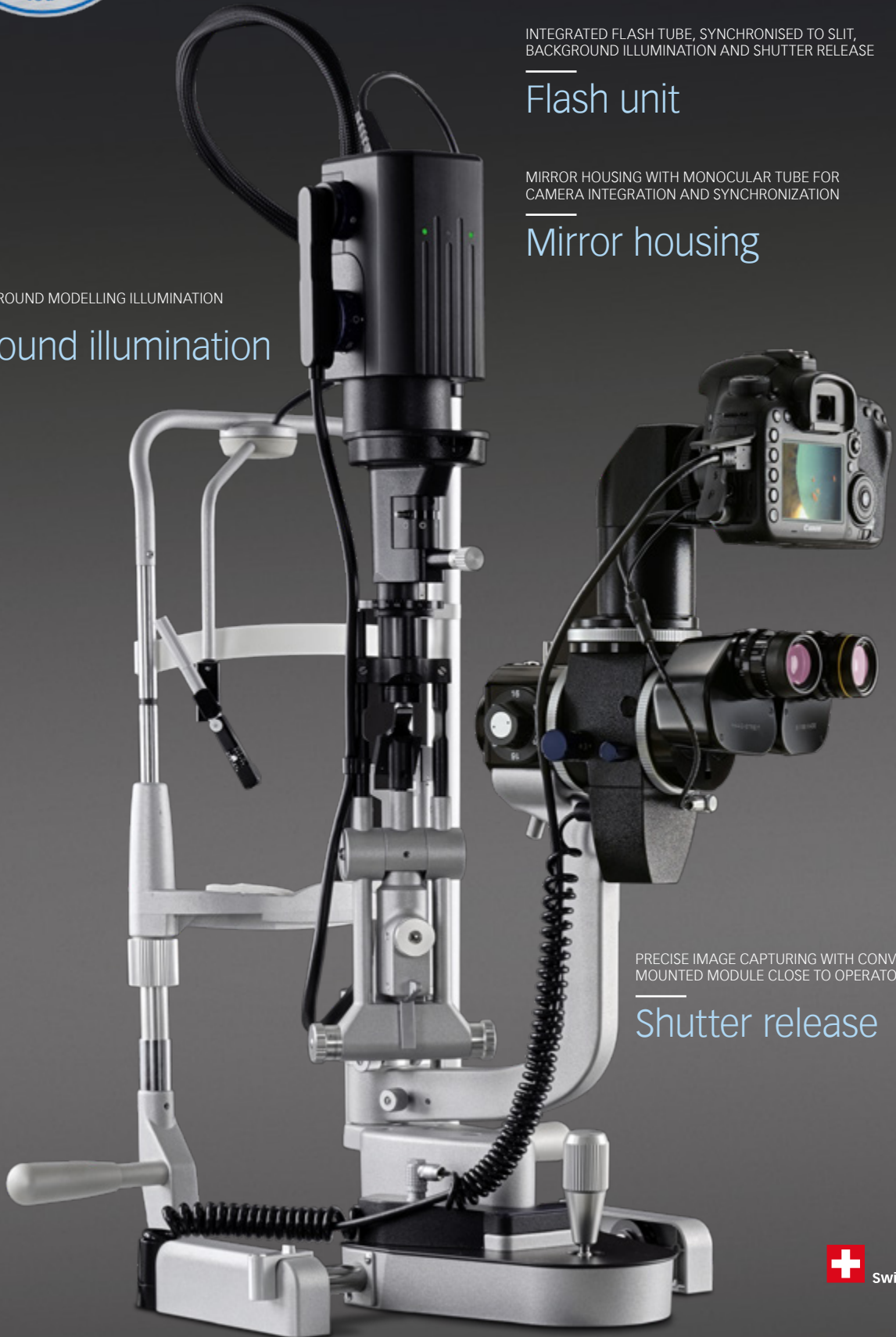
Flash unit

MIRROR HOUSING WITH MONOCULAR TUBE FOR
CAMERA INTEGRATION AND SYNCHRONIZATION

Mirror housing

PRECISE IMAGE CAPTURING WITH CONVENIENTLY
MOUNTED MODULE CLOSE TO OPERATORS HAND

Shutter release



XENON FLASH

Optimal luminous efficacy

The high power flash illumination is delivered via a xenon tube that lies coaxially to the LED illumination and thus exactly reproduces the slit illumination pattern to provide images of stunning quality. The brightness of the flash is individually adjustable for slit and background illumination.



XENON FLASH

MIRROR HOUSING

Uncompromising integration and synchronisation

The heart of the BX 900 is the mirror housing with its built-in diaphragms. When capturing an image, all light is directed via a mirror to the camera. This allows the maximum utilisation of the available light: 100% for the examination and 100% for the image. The built-in diaphragm setting with five apertures is applied on image capture.



MIRROR HOUSING

SHUTTER RELEASE

Precise image capturing

Conveniently mounted close to the operator's hand, this can easily be utilised whilst continuously maintaining focus with the slit lamp joystick. As it is symmetric on the cross slide, it allows right- and left-handed operation.

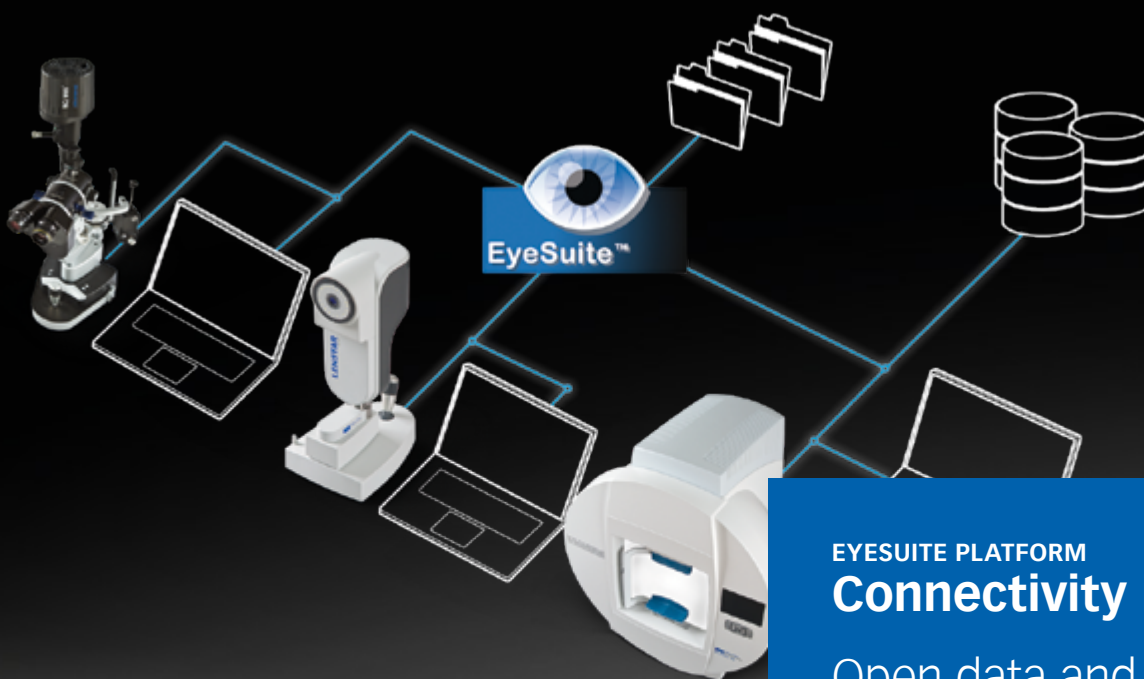


SHUTTER RELEASE

Technical specifications

Slit lamp BX 900

| | | |
|-----------------|-----------------------------------|---|
| Illumination | Light-source | LED for examination (slit and background illumination) Flash for photography |
| | Slit width | 0–8 mm continuous |
| | Slit length | 1–8 mm continuous and fix apertures |
| | Filters | Blue, red-free (green), grey (10%) |
| Microscope | Ocular magnification | 12.5x |
| | Magnification changer | 6.3x 10x 16x 25x 40x |
| | Stereo angle | 13° (convergent optics) |
| | Yellow filter | Optional |
| Instrument base | Operation | Single handed 3-dimensional operation of the guide lever |
| | Adjustment of the instrument base | 100m (length), 100 mm (side), 30 mm (height) |
| Software | EyeSuite Imaging | Patient Manager, Capture Module, Image Viewer |
| | EMR Interfaces | EyeSuite Script Language, DICOM (SCU), GDT |



EYESUITE PLATFORM

Connectivity is key.

Open data and intuitive user interfaces for optimal workflow.

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