



SLIT LAMP BX 900

Professional photography

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

SLIT LAMP BX 900 LED

Professional photography **Superior technology, reliable instrument – the photographer slit lamp.**

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 adapters 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.



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

Flash unit

PIVOTING BACKGROUND MODELLING ILLUMINATION

Background illumination

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



ILLUMINATION HEAD

Highest lightning flexibility

The Haag-Streit LED slit illumination is the current standard in our slit lamps and provides the sharpest and most homogeneous slit that clinicians trust to provide diagnostic confidence. LED is now available on the photographer's slit lamp, the BX 900.

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



BX 900 LED ILLUMINATION HEAD

MIRROR HOUSING

Maximum luminous efficacy

The principal component of the Haag-Streit Photo-Slit Lamp BX 900 is the mirror housing with its built-in diaphragms. It mounts between the magnification changer and the binocular tube. 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 automatically on image capture. Activating the diaphragm during examination allows a preview of the image subject and depth of field before capture.



MIRROR HOUSING

SHUTTER RELEASE

Precise image capturing

Conveniently mounted close to the operator's hand, it 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

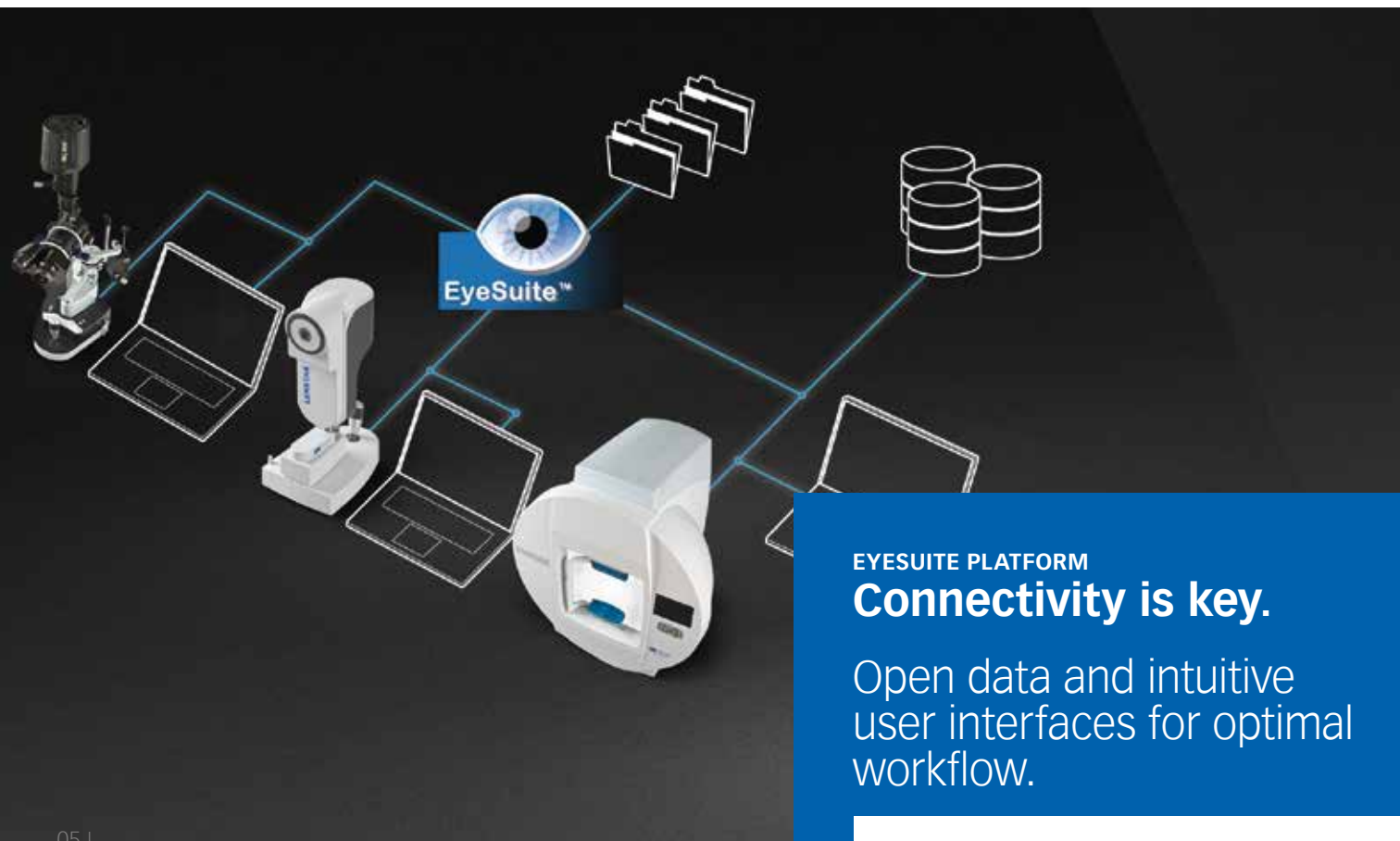


SHUTTER RELEASE

Technical specifications

Slit lamp BX 900 LED

| | | |
|-----------------|-----------------------------------|---|
| 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 |
| Microscope | Filters | Blue, red-free (green), grey (10%) and optional yellow |
| | Ocular magnification | 12.5x |
| | Magnification changer | 6.3x 10x 16x 25x 40x |
| | Stereo angle | 13° (convergent optics) |
| 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 |



HAAG-STREIT AG

Gartenstadtstrasse 10
 3098 Koeniz
 Switzerland
 Phone +41 31 978 01 11
 Fax +41 31 978 02 82
 info@haag-streit.com
 www.haag-streit.com

Members of HAAG-STREIT Group

| | |
|--|--|
| HAAG-STREIT Holding AG www.haag-streit-holding.com | HAAG-STREIT Deutschland GmbH www.haag-streit.de |
| HAAG-STREIT AG www.haag-streit.com | IPRO GmbH www.ipro.com |
| SPECTROS AG www.spectros.ch | CLEMENT CLARKE Ltd. www.clement-clarke.com |
| HAAG-STREIT Medtech AG www.haag-streit-medtech.com | HAAG-STREIT UK www.haag-streit-uk.com |
| HAAG-STREIT France EURL www.haag-streit.fr | John Weiss Ltd. www.johnweiss.com |
| HAAG-STREIT Far East www.haag-streit-fareast.com | HAAG-STREIT USA www.haag-streit-usa.com |
| HAAG-STREIT Surgical GmbH www.haag-streit-surgical.com | Reliance Medical Inc. www.haag-streit-usa.com |
| Möller-Wedel GmbH & Co KG www.moeller-wedel.com | Asetronics AG www.asetronics.ch |
| Möller-Wedel Optical GmbH www.moeller-wedel-optical.com | ComLab AG www.comlab.ch |