



SLIT LAMP BI 900

Simplified operation – high reliability

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.



ESSENTIAL FUNCTIONALITY

BI 900 Simplified operation – high reliability

Equipped with an improved version of the BM 900 microscope, an enhanced illumination system and the traditional high-precision mechanics, the BI 900 is the predestined successor to the legendary BM 900. With this new slit lamp, Haag-Streit combines simplicity and reliability in a modern system which offers integrated digital imaging as an option.

BI 900 with Imaging Set





LED ILLUMINATION DELIVERS OUR SHARPEST
AND MOST HOMOGENEOUS SLIT EVER

Illumination system

FIXED OR OPTIONALLY PIVOTING
BACKGROUND MODELLING ILLUMINATION

Background illumination

INTERFACE FOR PROFESSIONAL
CAMERA

Imaging set

FULL CONTROL OVER ILLUMINATION
AND CAMERA

Control panel



MICROSCOPE

Essential functionality

The BI 900 is equipped with a Kepler microscope providing the default magnifications 10× and 16×. With a set of optional oculars it can be extended to 25× and 40× magnification. A yellow barrier filter provides additional contrast for fluorescein applications. The maximised diameter size of the ocular view ensures fatigue-free examination even on long working days.



MICROSCOPE

IMAGING SET

Compact imaging solution

The optional Imaging Set provides a fully integrated compact imaging solution for the BI 900. It has been designed to simplify the image capturing process. A fast and accurate automatic exposure control and the established History Trigger function allow simple image capturing while you are concentrating on your patient. The included EyeSuite software package contains a comprehensive imaging program and permits integration of the BI 900 into your practice network.



IMAGING SET

CONTROL PANEL

Ideal workflow – no distraction

Located in front of the joystick, the control panel can be operated blindly while examining the patient. It provides not only full control over the slit lamp illumination, but also a release bar for the camera, as well as simple and ergonomic management of the camera settings.

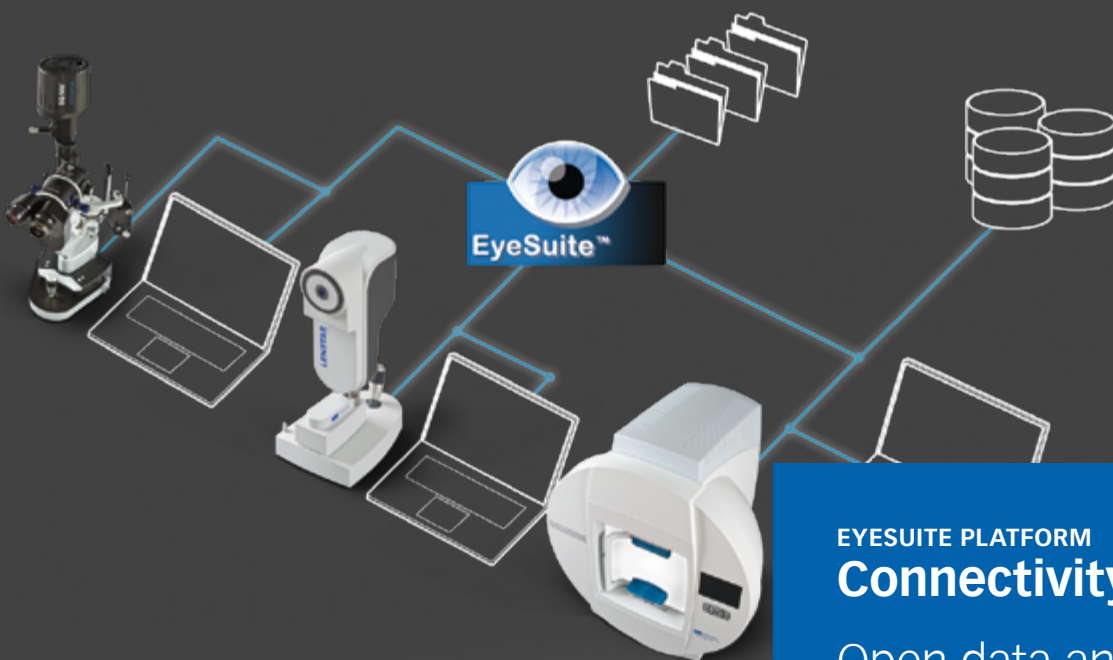


CONTROL PANEL

Technical specifications

Slit lamp BI 900

Illumination	Light-source	LED (slit and background illumination)
	Slit width	0 – 14 mm continuous
	Slit length	1 – 14 mm continuous and fix apertures
	Filters	Blue, red-free (green), grey (10%)
Microscope	Magnification	10×, 16× (with eyepiece 25×: 25×, 40×)
	Filter	Yellow
	Stereo angle	13° (convergent optics)
Instrument base	Operation	Single handed 3-dimensional operation with the control lever
	Adjustment of the instrument base	100 mm (length), 100 mm (side), 30 mm (height)
Software	EyeSuite Imaging	Patient Manager, Capture Module, Image Viewer
	EMR Interfaces	EyeSuite Script Language, DICOM (SCU), GDT
Optional Accessories	Imaging Set	
	Goldmann Applanation Tonometer	
	Ocular for 25× and 40× magnification	
	Ocular with reticule for distance estimation	
	Ocular with double crosshair reticule	



EYESUITE PLATFORM

Connectivity is key.

Open data and intuitive user interfaces for optimal workflow.

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