



SLIT LAMPS

VX85 SLIT LAMPS

PRECISION AT HIGH LEVEL

**Electric
height
adjustment**

Converging 6° - 3 magnifications **Parallel 6° - 3 magnifications**
REF. 8485-0001-03 REF. 8485-0002-03

Converging 6° - 5 magnifications **Parallel 6° - 5 magnifications**
REF. 8485-0001-05 REF. 8485-0002-05

The VX85 slit lamp is characterised by a closed bearing base, which makes precise and easy positioning in front of the eye. The base also integrates the power cable making the unit appears cordless. Light intensity is supplied via an electronic lamp regulator located in the unit base.

FEATURES AND BENEFITS

Superior stereo microscope

- > Choice of either three or five magnification levels
- > Adaptation to your visual requirements by either parallel or converging ocular system
- > Easy implementation of discreet fluo filter

Unique Features

- > Closed joystick base guarantees user friendly adjustments
- > Ball bearing base on ground tracks guarantee an extremely smooth run of the slit lamp and makes a fast and precise positioning.

Fast slit projector

- > High illumination by LEDES with consistent luminance
- > Continuous Variable slit lengths 1.5 – 11 mm
- > Sharp slit images from the front cornea surface to the rear lens surface
- > Swivelling prism head

Built-in filters

- > Blue cobalt (fluorescence), green (red-free), grey (heat absorbing) and yellow

Options

- | | |
|---------------------------------------|-------------------|
| > Tonometer | Ref. 8475-8000-00 |
| > Tonometer Support | Ref. 8475-8002-00 |
| > 12 V- Separate power supply | Ref. 8485-8001-00 |
| > Individual table | Ref. 7760018 |
| > Table for 2 instruments (V-shaped) | Ref. 7760016 |
| > Eyepix 3 | Ref. 8400-8023-00 |
| > Sterile tonometer cones (100 units) | Ref. 147124 |

Eyepix 3

The system consists of a digital video camera and software for processing data. Eyepix allows you to document and visualize your process and / or results to dynamically display. The screen allows you to follow in real time your exam and so reassure your patient.



Sterile tonometer cones

Eyepix 3

VX80 COMPACT SLIT LAMPS

COST EFFECTIVE RELIABLE TECHNOLOGY

Converging 6° - 3 magnifications
REF. 8480-0001-03

Converging 6° - 5 magnifications
REF. 8480-0001-05

The VX80 slit lamp is equipped with efficient arranged operating controls for easy working. Slit width, height and rotation and filters are eas to adjust.

FEATURES AND BENEFITS

Reliable stereo microscope

- > Choice of either three or five magnification levels
- > Adaptation to your visual requirements by either parallel or converging ocular system
- > Easy implementation of discreet fluo filter changer

Unique Features

- > Standard base designed for single-handed operation
- > Variable illumination level with a built-in controller
- > With one step you can monitor the horizontal shift and convenient height adjustment of the VX80

Powerful slit projector

- > High illumination by leds with consistent luminance
- > Sharp slit images from the front cornea surface to the rear lens surface
- > Swivelling prism head

Built-in-filters

- > Blue cobalt (fluorescence), green (red-free), grey (heat absorbing) and yellow

Options

- | | |
|---------------------------------------|-------------------|
| > Tonometer | Ref. 8480-8000-00 |
| > Tonometer Support | Ref. 8475-8003-00 |
| > 12 V - Separate Power Supply | Ref. 8475-8001-00 |
| > Individual table | Ref. 7760018 |
| > Table for 2 instruments (V-Shaped) | Ref. 7760016 |
| > Eyepix 3 | Ref. 8400-8023-00 |
| > Sterile tonometer cones (100 units) | Ref. 147124 |

Eyepix 3

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Sterile tonometer cones



Eyepix 3

VX75 COMPACT SLIT LAMPS

RELIABLE TECHNOLOGY

Converging 6° - 3 magnifications **Parallel 6° - 3 magnifications**
REF. 8475-0001-03 REF. 8475-0002-03

Converging 6° - 5 magnifications **Parallel 6° - 5 magnifications**
REF. 8475-0001-05 REF. 8475-0002-05

The VX75 secures the operator with superior imaging thanks to reliable optics and light technology. On the basis of well-recognised illumination concepts the operating features and illumination are positioned on top of the microscope. Excellent optics and brilliant image distinguish the VX75.

FEATURES AND BENEFITS

Slit projector

Recognised slit projector with operating elements on top of the microscope
Variable slit lengths from 1 to 12 mm
Vertical tilting system up to 20° in 5° steps

Exceptional Stereo microscope

Choice of either three or five magnification levels
With converging ocular system
High contrast and brilliant pictures due to MAR coated optical lenses

Unique Stereo microscope

- > Select up to five magnification levels via convenient magnification changer
- > Adaptation to your visual habits by a variety of ocular tubes
- > Experience unrestricted visual comfort even if you wear glasses by the five-focal optics of the eyepiece

Ergonomic features for operating convenience

- > Convenient working distance
- > Cross carriage with single-handed operation
- > Slit adjustment, filter, scales and lock-in positions are within close range
- > Suitable for right & left-handed users

Built-in-filters

- > Blue cobalt (fluorescence), green (red-free), grey (heat absorbing) and yellow

Options

- > Tonometer Ref. 8475-8000-00
- > Tonometer Support Ref. 8475-8002-00
- > 12 V - Separate Power supply Ref. 8475-8001-00
- > Individual table Ref. 7760018
- > Table for 2 instruments (V-shaped) Ref. 7760016
- > Eyepix 3 Ref. 8400-8023-00
- > Sterile tonometer cones (100 units) Ref. 147124

Eyepix 3

The system consists of a digital video camera and software for processing data. Eyepix allows you to document and visualize your process and / or results to dynamically display. The screen allows you to follow in real time your exam and so reassure your patient.



Sterile tonometer cones



Eyepix 3

VX70 SLIT LAMPS

STEREO MICROSCOPE

Converging 6° - 5 magnifications REF. 8470-0001-05

Converging 6° - 3 magnifications REF. 8470-0001-03

Converging 6° - 2 magnifications REF. 8470-0001-02

With its modern optical design, the VX70 will cover all the needs of your practice. This slit lamp utilizes a multi-coated system which transmits light more efficiently, for a very good clarity. The LED light source is more economical, much better for the environment with a longer life time (100 x more than the halogen one) and provides a better uniform illumination. Available in 5 x, 3 x or 2 x magnifications.

FEATURES AND BENEFITS

Superior stereo microscope

- > Convergent version
- > The five primary magnifications give total magnification of 6x/43; 10x/27; 16x/16; 24x/11; 40x/7

Adjustments

Luminosity adjustments by potentiometer and boost button on joystick.

Accessories included

- > Base plate
- > Tonometer support plate
- > 5 V Power supply

Built-in filters

- > Blue cobalt (fluorescence), green (red-free), grey (heat absorbing)

Options

- > Tonometer Ref. 8480-5010-00
- > Individual table Ref. 7760018
- > Table for 2 instruments (V-shaped) Ref. 7760016
- > Sterile tonometer cones (100 units) Ref. 147124



Sterile tonometer cones

TECHNICAL SPECIFICATIONS

	VX70	VX75	VX80	VX85
Magnifications	2x/3x/5x	3x/5x	3x/5x	3x/5x
Parallel version	-	•	•	•
Convergent version	•	•	•	•
Height adjustment: manual version	•	•	•	•
Height adjustment: motorized version	-	-	-	•
Slit width	0 - 14 mm Continually	0 - 14 mm Continually	0 - 14 mm Continually	0 - 12mm Continually
Slit length	0 - 14 mm Continually	1,8 - 13mm Continually	1 - 12mm Continually	1,5 - 11mm Continually
Slit apertures	14; 10; 6; 4; 3; 1; 0,2mm	14; 9; 5,5; 0,3mm	12; 9; 5; 3; 1; 0,2mm	12; 8; 5; 0,2mm
Tyndall point	Ø 0,2mm	Ø 0,3mm	Ø 0,2mm	Ø 0,2mm
Slit rotation	± 90° Continually on TABO scheme	± 90° Continually on TABO scheme	± 90° Continually on TABO scheme	± 90° Continually on TABO scheme
Working distance	100mm	68mm	88mm	68 mm
Average viewing height	375mm	375mm	375mm	375mm
Light	LED	LED	LED	LED
Max light intensity	300 000 Lux	350 000 Lux	350 000 Lux	350 000 Lux
Longitudinal (In/Out)	99mm	113mm	113 mm	113 mm
Lateral (Left/Right)	118mm	107 mm	107 mm	100mm
Vertical (Up/Down)	30mm	30 mm	30 mm	30mm
Chin-rest height	76mm	76 ±1mm	66 ±1mm	70mm
Angle stéréo	6°	6°	6°	6°
Eyepiece	10x	12,5x	12,5x	12,5x
Total magnification/field of view (in mm) for 2 magnifications	10x/27; 16x/16	-	-	-
Total magnification/field of view (in mm) for 3 magnifications	10x/27; 16x/16; 25x/11	10x/24; 16x/14; 25x/8mm	10x/24; 16x/14; 25x/8mm	NA
Total magnification/field of view (in mm) for 5 magnifications	6x/43; 10x/27; 16x/16; 24x/11; 40x/7	6x/37; 10x/24; 16x/14; 25x/8; 40x/5,2mm	6x/37; 10x/24; 16x/14; 25x/8; 40x/5,2mm	5x/44; 8x/26; 14x/15; 24x/9; 36x/6mm
Pupillary adjustment	"52 - 90mm (2 magnifications) 55 - 75mm (3 or 5 magnifications)"	48,5 - 80mm	48,5 - 80mm	48,5 - 80mm
Diopter adjustment	+/- 6D	+/- 6D	+/- 6D	+/- 6D
Blue (fluorescence)	•	•	•	•
Green (red-free)	•	•	•	•
Grey (anti heat)	•	•	•	•
Yellow	-	•	•	•
Power supply	Provided	8475-8001-00	8475-8001-00	8485-8001-00
Power supply for the slit lamp	3,4V, 700mA	~12V AC	~12V CA;	12V AC
Power supply for the fixation point	5v	12V	12V	12V
Input voltage	110V / 220V AC; 60/50Hz	100V/120V/230V/240V AC; 60/50Hz	110V / 220V AC; 60/50Hz	110V / 220V AC; 60/50Hz
Fusible	NA	"100-120V CA -- 1A 230-240V CA -- 0,5A"	"100-120V CA -- 1A 230-240V CA -- 0,5A"	1,2A
Width	380mm	296mm	299mm	240mm
Depth	530mm	313mm	313mm	300mm
Height	780mm	433±15mm	644±15mm	440mm
Weight	Packed: 26Kg (2 magnifications), 28Kg (3 or 5 magnifications)	"Lamp: 7,4Kg Digital lamp: 8,1Kg"	"Lamp: 8,7Kg Digital lamp: 9,4Kg"	12,0Kg Instrument (excluding accessories; Headrest: 1,5Kg)
MDD, CE	•	•	•	•
Safety class	I	I	I	I
Parts applied	type B	Type B	Type B	Type B
Tonometer	8480-5010-00	8475-8000-00	8480-8000-00	8475-8000-00
Tonometer support plate	Provided with the tonometer	8475-8002-00	8480-8003-00	8475-8002-00
Compatibility with EyePix2	-	-	-	-
Compatibility with EyePix3	-	•	•	•