

Slit lamps

Examine anterior
eye structure





2 | Slit lamps

Analyze the structure of the anterior part of the eye

The Visionix range of slit lamps offers superior optical quality and exceptional durability. With advanced optics, various magnification options, and robust construction, Visionix slit lamps provide high-resolution images for accurate diagnosis and effective monitoring of ocular conditions.

VX 70 stereo microscope

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.

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
- 5 V Power supply

Built-in filters

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

Options

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



Device Name	Device reference © Visionix Ltd.
Converging 6° - 2 magnifications	8470-0001-02
Converging 6° - 3 magnifications	8470-0001-03
Converging 6° - 5 magnifications	8470-0001-05

VX 80 cost effective reliable compact slit lamp

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.

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*
- Sterile tonometer cones (100 units).....*Ref. 147124*



Device Name	Device reference © Visionix Ltd.
Converging 6° - 3 magnifications	8480-0001-03
Converging 6° - 5 magnifications	8480-0001-05

VX 85 precision at high level

Electric height adjustment

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.

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 LEDS 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*
- Sterile tonometer cones (100 units)....*Ref. 147124*



Device Name	Device reference © Visionix Ltd.
Converging 6° - 3 magnifications	8485-0001-03
Converging 6° - 5 magnifications	8485-0001-05
Parallel 6° - 3 magnifications	8485-0002-03
Parallel 6° - 5 magnifications	8485-0002-05

Technical specifications

	VX 70	VX 80	VX 85
Magnifications	2x/3x/5x	3x/5x	3x/5x
Parallel version	-	•	•
Convergent version	•	•	•
Height adjustment: manual version	•	•	•
Height adjustment: motorized version	-	-	•
Slit width	0 - 14mm Continually	0 - 14mm Continually	0 - 12mm Continually
Slit length	0 - 14mm Continually	1 - 12mm Continually	1,5 - 11mm Continually
Slit apertures	14; 10; 6; 4; 3; 1; 0,2mm	12; 9; 5; 3; 1; 0,2mm	12; 8; 5; 0,2mm
Tyndall point	Ø 0,2mm	Ø 0,2mm	Ø 0,2mm
Slit rotation	± 90° Continually on TABO scheme	± 90° Continually on TABO scheme	± 90° Continually on TABO scheme
Working distance	100mm	88mm	68mm
Average viewing height	375mm	375mm	375mm
Light	LED	LED	LED
Max light intensity	300 000 Lux	350 000 Lux	350 000 Lux
Longitudinal (In/Out)	99mm	113 mm	113 mm
Lateral (Left/Right)	118mm	107mm	100mm
Vertical (Up/Down)	30mm	30mm	30mm
Chin-rest height	76mm	66 ±1mm	70mm
Angle stéréo	6°	6°	6°
Eyepiece	10x	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	8x /30 ; 14x /16 ; 24x / 9	NA
Total magnification/field of view (in mm) for 5 magnifications	6x/43; 10x/27; 16x/16; 24x/11; 40x/7	5x/45 ; 8x/30 ; 14x/16 ; 24x /9 ; 36x / 5, 8	5x/45 ; 8x/30 ; 14x/16 ; 24x /9 ; 36x / 5, 8
Pupillary ajustement	52 - 90mm (2 magnifications) 55 - 75mm (3 or 5 magnifications)	48,5 - 80mm	48,5 - 80mm
Diopter ajustment	+/- 6D	+/- 6D	+/- 6D
Blue (fluorescence)	•	•	•
Green (red-free)	•	•	•
Grey (anti heat)	•	•	•
Yellow	-	•	•
Power supply	Provided	8475-8001-00	8485-8001-00
Power supply for the slit lamp	3,4V, 700mA	-12V CA;	12V AC
Power supply for the fixation point	5v	12V	12V
Input voltage	110V / 220V AC; 60/50Hz	110V / 220V AC; 60/50Hz	110V / 220V AC; 60/50Hz
Fusible	NA	100-120V CA -- 1A 230-240V CA -- 0,5A	1,2A
Width	380mm	299mm	240mm
Depth	530mm	313mm	300mm
Height	780mm	644 ±15mm	440mm
Weight	Packed: 26Kg (2 magnifications), 28Kg (3 or 5 magnifications)	Lamp: 8,7Kg Digital lamp: 9,4Kg	12,0Kg Instrument (excluding accessories; Headrest: 1,5Kg)
MDD, CE	•	•	•
Safety class	I	I	I
Parts applied	type B	Type B	Type B
Tonometer	8480-5010-00	8480-8000-00	8475-8000-00
Tonometer support plate	Provided with the tonometer	8480-8003-00	8475-8002-00



INNOVATION TO UNLOCK YOUR POTENTIAL

VISIONIX INTERNATIONAL SAS

2 Rue Roger Bonnet, 27340 Pont-de-l'Arche - France
Tél. + 33 232 989 132 - Fax + 33 235 020 294
contact@visionix.com

www.visionix.com