

STEREO MICROSCOPE

With his modern optical design, the VX70 will cover all the needs of your practice. This slit lamp utilize a multi-coated system which transmits light more efficiently, for a very good clarity. The LED light source is more economical and 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 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.

Built-in filters

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

Options

- > Tonometer Support incl. Ref. 8480-5010-00
- > Individual table Ref. 7760018
- > Table for 2 instruments (V-shaped) Ref. 7760016



TECHNICAL SPECIFICATIONS

REF.	8470-0001-05	Converging 6° - 5 magnifications
	8470-0001-03	Converging 6° - 3 magnifications
	8470-0001-02	Converging 6° - 3 magnifications

Height 780 mm (30.71 in)

Width 380 mm (14.96 in)

Depth 530 mm (20.87 in)

Weight Packed: 26Kg (57.32 lbs) (2 magnifications),
28Kg (61.73 lbs) (3 or 5 magnifications)



TECHNICAL SPECIFICATIONS

	VX 70 Slit Lamp	VX 75 Slit Lamp	VX 80 Slit Lamp	VX 85 Slit Lamp
Magnifications	2x/3x/5x	3x/5x	3x/5x	3x/5x
Parallel version	-	•	•	•
Convergent version	•	•	•	•
Height adjustment: manual version	•	•	•	•
Height adjustment: motorized version	-	-	-	•
Slit width	Continuously Adjustable	Continuously Adjustable	Continuously Adjustable	Continuously Adjustable
Slit length	Continuously Adjustable	Continuously Adjustable	Continuously Adjustable	Continuously Adjustable
Slit apertures	14; 10; 6; 4; 3; 1; 0,2mm	14; 9; 5,5; 0,3 mm	12; 9; 5; 3; 1; 0,2 mm	12; 8; 5; 0,2 mm
Tyndall point	Ø 0,2mm	Ø 0,3 mm	Ø 0,2 mm	Ø 0,2 mm
Slit rotation	Continuously Adjustable	Continuously Adjustable	Continuously Adjustable	Continuously Adjustable
Working distance	100 mm	68 mm	88 mm	68 mm
Average viewing height	375 mm	375 mm	375 mm	375 mm
Light	LED	LED	LED	LED
Max light intensity	300 000 Lux	350 000 Lux	350 000 Lux	350 000 Lux
Longitudinal (In/Out)	99 mm	113 mm	113 mm	113 mm
Lateral (Left/Right)	118 mm	107 mm	107 mm	100 mm
Vertical (Up/Down)	30 mm	30 mm	30 mm	30 mm
Chin-rest height	76 mm	76 ±1 mm	66 ±1 mm	70 mm
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	24/14/8	24/14/8	24/14/8	24/14/8
Total magnification/field of view (in mm) for 5 magnifications	5/8/14/36/24	5/8/14/36/24	5/8/14/36/24	5/8/14/36/24
Pupillary adjustment	"52 - 90 mm (2 magnifications) 55 - 75 mm (3 or 5 magnifications)"	48,5 - 80 mm	48,5 - 80 mm	48,5 - 80 mm
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	380 mm	296 mm	299 mm	240 mm
Depth	530 mm	313 mm	313 mm	300 mm
Height	780 mm	433±15 mm	644±15mm	440 mm
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	-	•	•	•