



Slit Lamp Microscopes



Model name		700GL	700GL NSW	700GL 3X	30GL	4ZL	2ZL
Microscope	Type	Galilean binocular stereo microscope			Greenough binocular stereo microscope	Galilean binocular stereo microscope	
	Magnification changer	5-position rotating drum			3-position rotating drum	5-position rotating drum	3-position rotating drum
	Eyeiece	16x wide field, high-eyepoint	12.5x wide field, high-eyepoint	16x wide field, high-eyepoint	10x / 16x	16x wide field, high-eyepoint	
	Total magnifications	6.3x / 10x / 16x / 25x / 40x	6x / 9x / 15x / 24x / 37x	10x / 16x / 25x	10x / 16x (When 10x eyepieces are in use) 16x / 25x (When 16x eyepieces are in use)	6.3x / 10x / 16x / 25x / 40x	10x / 16x / 25x
	Field of view (diameter)	35.9 / 23.3 / 14 / 8.8 / 5 mm	37.8 / 25.2 / 15.1 / 9.5 / 6 mm	23.3 / 14 / 8.8 mm	18 / 11.25 mm (When 10x eyepieces are in use) 15 / 9.3 mm (When 16x eyepieces are in use)	35.9 / 23.3 / 14 / 8.8 / 5 mm	23.3 / 14 / 8.8 mm
	Stereo angle	10°	4.1°(prism in), 12°(prism out)	10°	13°	10°	
	Inter pupillary distance	52-82 mm					
	Eyeiece diopter range	± 7 D	± 5 D	± 7 D	± 8 D (When 10x eyepieces are in use) ± 10 D (When 16x eyepieces are in use)	± 7 D	
	Working distance	119 mm	98.3 mm	119 mm	94 mm	119 mm	
	Focal length	125 mm	105 mm	125 mm	-	125 mm	
Illumination Unit	Slit image width	Continuously variable 0-14 mm (almost circular at 14 mm)				Continuously variable 0-14 mm (circular at 14 mm)	
	Slit image length	Continuously variable 1-14 mm					
	Slit image rotation	Continuously variable 0-180°with 3 click stops at 45°, 90°, 135°				Continuously variable 0-180°with click stop at 90°	
	Slit decentration (horizontal)	Possible (fixable at 0°)					
	Slit inclination (vertical)	0° / 5° / 10° / 15° / 20°				-	
	Illumination field diameter	10 / 5 / 3 / 2 / 1 / 0.2 mm				14 / 8 / 5 / 3 / 0.3 mm	
	scanning (decentration) angle	7° to the left, 7° to the right					
	Working distance (from mirror/prism to patient's eye)	80 mm				85 mm	
	Filters	Blue / Green (red-free) / Blue correction / Blue cut				Blue / Green (red-free) / Blue correction	
Base Unit	Light source	LED (3500K)					
	Base unit operation	Single-handed joystick operation for forward-backward, left-right, up-down movement.					
	Movement range	105 mm (forward-backward, left-right), 30 mm (up-down)					
	Fine movement range	15 mm (forward-backward, left-right)					
Headrest Unit	Vertical movement range	95 mm					
	Fixation light	LED (red)					
Power Unit	Power supply	AC 100-240 V (±10%), 50-60 Hz					
	Power input	DC 5 V (±10%)					
Weight (excl. power adapter & options)		12.5 kg				11.5 kg	11 kg

*Description and appearance as detailed in this brochure may be subject to change as improvements are made to products.

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