



Slit Lamp Microscopes



Model name		700GL	700GL NSW	30GL	4ZL	2ZL BG	2ZL	
Microscope	Type	Galilean binocular stereo microscope			Galilean binocular stereo microscope			
	Magnification changer	5 position rotating drum			Revolver objective changing system with 2 magnification changes		5 position rotating drum	3 position rotating drum
	Eyepiece	16x widefield, high-eyepoint			10x, 16x		16x widefield, high-eyepoint	
	Total magnifications	6.3x, 10x, 16x, 25x, 40x		12.5x widefield, high-eyepoint	10x, 16x, 25x (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	18, 11.25 mm with 10x eye pieces, 15, 9.3 mm with 16x eyepieces		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)	13°		10°	
	Inter pupillary distance	52-82 mm						
	Eyepiece diopter range	± 7D		± 5D	±8D with 10x eye pieces, ±10 D with 16x eyepieces		± 7D	
	Working distance	119 mm		98.3 mm	94 mm		119 mm	
Focal length	125 mm		105 mm	-		125 mm		
Illumination Unit	Slit image width	Continuously variable 0-14 mm (almost 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	14, 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		
Light source	LED (3500K)							
Base Unit	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%), 0.4-0.2 A						
	Power input	DC 5 V 2 A						
Weight (excluding power adapter and 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.