

TAKAGI

Slit Lamp Microscopes



Model name		700GL	700GL NSW	30GL	4ZL	2ZL BG	2ZL
Microscope	Type	Galilean binocular stereo microscope		Greenough 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	12.5x widefield, high-eyepoint	10x, 16x	16x widefield, high-eyepoint		
	Total magnifications	6.3x, 10x, 16x, 25x, 40x	6x, 9x, 15x, 24x, 37x	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, 5.5 mm	37.8, 25.2, 15.1, 9.5, 6.0 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.

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