

TAKAGI

Slit Lamp Microscopes



Model name		700GL	700GL NSW	30GL	4ZL	2ZL BG	2ZL	
Microscope	Type	Galilean converging binocular stereo microscope			Greenough stereoscopic binocular microscope		Galilean converging 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°(piece out)	13°	10°			
	Inter pupillary distance	52 - 82 mm						
	Eyepiece diopter range	± 7D	± 5D	±8D with 10x eye pieces, ±10D with 16x eyepieces		± 7D		
Illumination Unit	Slit image width	Continuously variable 0-14 mm (almost circular at 14 mm)						
	Slit image length	Continuously variable 0-14 mm with steps at 0.2 / 1 / 2 / 3 / 5 / 10 mm						
	Slit image rotation	Continuously variable 0-180° with 3 click stops at 45° / 90° / 135°						
	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		
	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	AC100V - AC240V (±10%)						
	Power input	DC5V 2A						
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.