

700GL Slit Lamp Microscope Specification

Model name		700GL Slit Lamp Microscope
Model type		Standard
Microscope	Type	Galilean binocular stereo microscope
	Magnification changer	5-position rotating drum
	Eyepiece	16x wide field, high-eyepoint
	Total magnifications	6.3x / 10x / 16x / 25x / 40x
	Field of view (diameter)	35.9 / 23.3 / 14 / 8.8 / 5 mm
	Stereo angle	10°
	Interpupillary distance	52-82 mm
	Eyepiece diopter range	± 7 D
	Working distance	119 mm (from objective lens to patient's eye)
	Focal length	125 mm (Objective lens)
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°
	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
	Scanning (decentration) angle	7° to the left, 7° to the right
	Working distance (from mirror/prism to patient's eye)	80 mm
	Filter	Blue / Red-free (Green) / Blue correction / Blue cut
	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, 50-60 Hz
	Power input	DC 5 V (±10%)
Weight (excl. power adapter & options)		12.5 kg

*Specifications as detailed in this sheet may be subject to change as improvements are made to products.

*For the latest information, please visit our website (<https://www.takagi-j.com/en/>).