

700GL Slit Lamp Microscope Specification

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| Model name | | 700GL Slit Lamp Microscope |
| 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 | 14 / 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 / Green (red-free) / 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 (± 10%), 0.4-0.2 A |
| | Power input | DC 5 V 2 A |
| 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/>).