

TAKAGI

Slitlamp Microscope

700GL

Aiming at new levels in quality

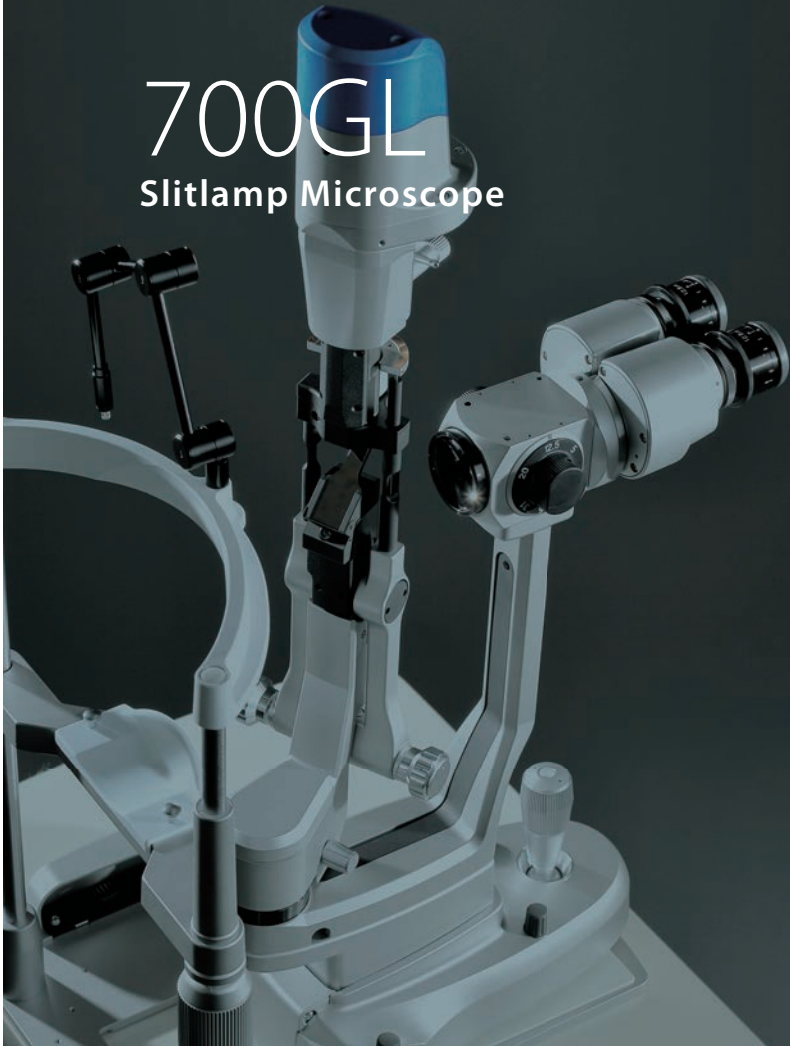
NEW



LED

700GL

Slitlamp Microscope



Innovative Design

- Innovative Design: No cables are exposed Even power supply cable is concealed
- Even cables for connecting an imaging system can be concealed.
- Renewed Product Color

LED Optimized New Slit Lamp

- The best advantage of the LED light source is that the affected parts which used to be difficult to be seen with the conventional light sources can be more clearly seen because the peak wavelength of the LED light source can come in the wavelength region that can be most strongly sensed by human eyes.
- Our LED slit lamp is not a type of exchanging the halogen unit, but a completely new model that adopts a dedicated LED light source.
- The LED optimized slit lamp provides brighter and sharper light.

Use of Uniform LED Illumination

- The LED slit lamp with a color temperature of 3500 K provides brighter and sharper light than halogen.
- A 1-element high-luminance LED is used for the slit lamp. It provides uniform and even light compared to the 4-element LEDs.

Reduction of the Characteristic Blue Light of LED

- The projected light is soft and easy on patients' eyes by reducing the peak of the characteristic blue band spectrum of LED.

Use of Ultra-low Voltage LED

- Even though a 3-watt ultra-low voltage LED is used for the slit lamp, the LED slit lamp is excellently economical because very high illuminance can be obtained.

No Cables Exposed Outside

- Power of the conventional slit lamps was supplied from the chin rest to the lamp housing. 700GL looks neat and compact with minimized cable with no possible failure.

Extended Slit Length

- The diameter of the slit length is extended to 14mm from 10mm. This allows 700GL to illuminate a wider area of the anterior segment.
- This allows 700GL to maximize its characteristics such as a wider field of view

Built-in Background Illumination

- For use with an imaging system, the background illumination is now equipped as standard.
- The color balance of an image taken through the 700GL is not lost because the same LED is used for both main light source and background illumination.
- Intensity of the background illumination is adjustable by the lower left knob at hand.



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