

**VIEWLIGHT**<sup>®</sup>  
POWERED BY INNOVATION



# *Inami*

*Slit Lamps*



*Halogen & LED Series*

## L-0185

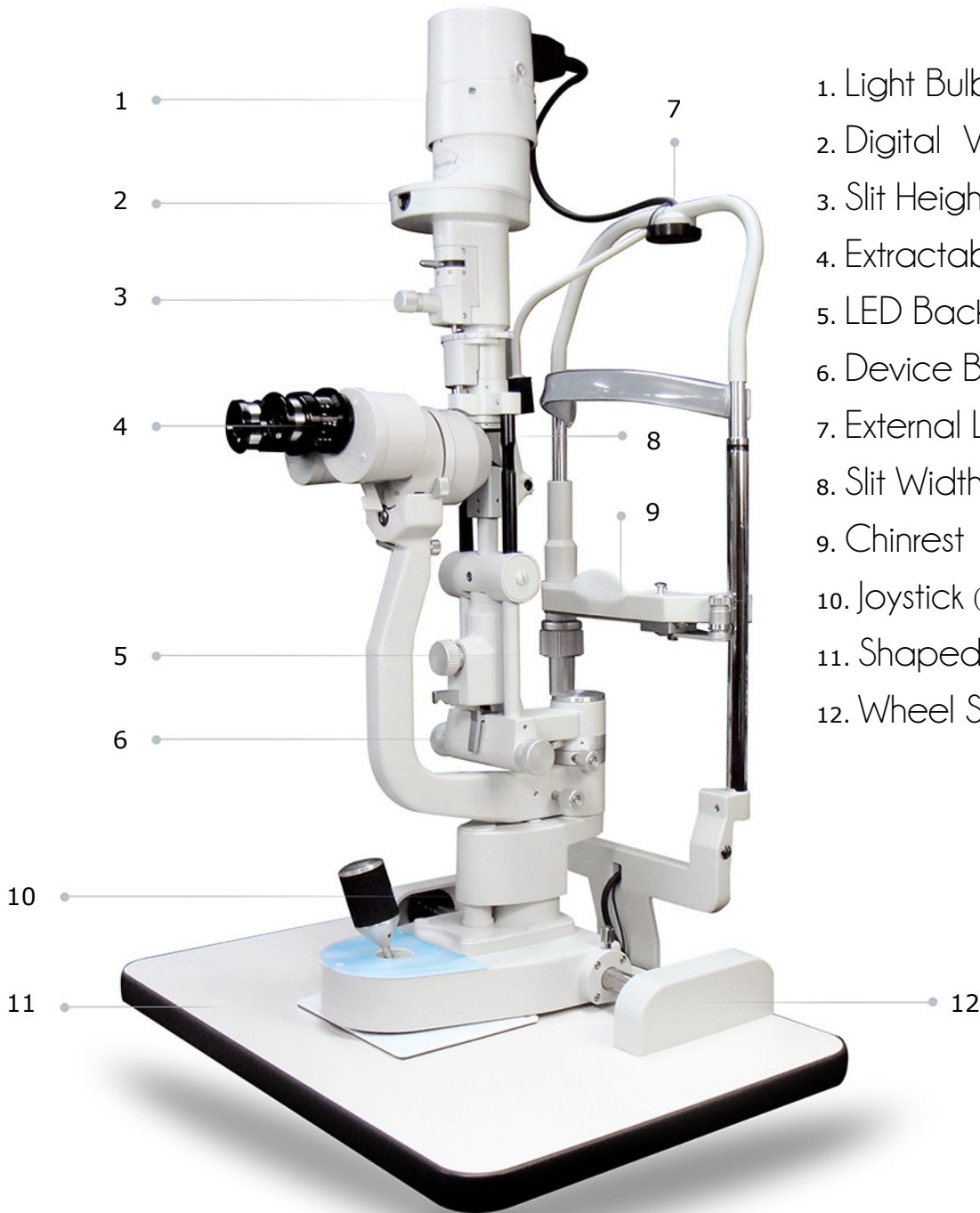
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*Halogen & LED Series*

# L-0185



1. Light Bulb / LED or Halogen Cover
2. Digital Video Camera Splitter
3. Slit Height Adjuster / Tuner
4. Extractable Microscope
5. LED Background Illumination
6. Device Base Locking Knob
7. External LED Fixation Target
8. Slit Width Adjusting Knobs
9. Chinrest
10. Joystick (Camera Freeze & Capture)
11. Shaped Tabletop
12. Wheel Shields

## Features:

- The ergonomic design of L-0185 provides a clear and detailed illumination and observations for patients eye.
- The L-0185 takes fine and crisp images with high quality sensor and simple connection system of USB. (Optional)
- Energy saving light source generates no UV and less heat.
- L-0185 digital camera is compatible with Slit Lamps Microscopes "EGG" and beam splitter L-0541DC
- The unique function of "SI GRANDE" enables you to optically change the illumination field up to 10mm.
- All extended functions are thoroughly designed for comfort.



## Halogen & LED Series

# L-0185

## Product Introduction



**L-0185** Features the LED background illumination system which allows you to take clear and bright images of slit light. Slit Lamps also available with halogens



Continuous light volume controller for fine adjustment with the Joy-stick features and illumination switches.



Convergent optics for user's comfort usage while still images and videos can be taken adequately in place.



Halogen Light boosters for momentary extra brightness and in addition to the external LED background illumination.



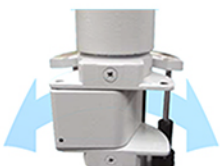
Video camera beam splitter which can be attached with the Sony progressive 6 camera setting.



Built in yellow filter for clearer view and photography of blood.



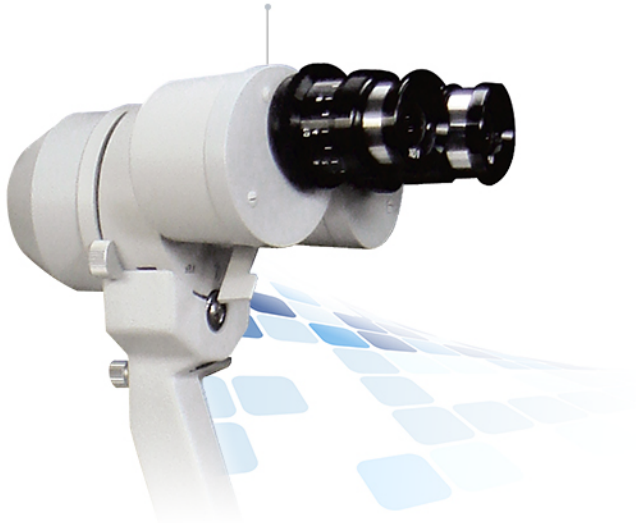
**L-0185** Spectrum is specially designed to ensure the best setting for various kinds of slit lamps observation.



**L-0185** Enables you to optically change the illumination field up to 10mm by single click actions. This ideal for contact lens fitting observation.



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**Halogen & LED Series**

**L-0185**

**Product Specifications**

**Measurements**

|                                        |                                                                                |
|----------------------------------------|--------------------------------------------------------------------------------|
| Microscope Head Type                   | Greenough Type Stereoscopic Microscope                                         |
| Magnification Changer                  | 2 Steps by Drum Rotation                                                       |
| Stereo Angle                           | 13°                                                                            |
| Magnification Ratio<br>(Field of View) | 10x (20.13mm)<br>16x (16.13mm)                                                 |
| Dimensions                             | LED: 550 (W) x 400 (D) x 660 (H) mm<br>Halogen: 550 (W) x 400 (D) x 690 (H) mm |
| Weight                                 | 18.5kgs                                                                        |
| Base Movement                          | Vertical: 30mm   Longitudinal   79   Lateral: 115mm                            |
| Pupillary Adjustment                   | 52 - 90mm                                                                      |
| Focus Distance                         | 100mm                                                                          |

**Slit Illumination**

|                         |                                                              |
|-------------------------|--------------------------------------------------------------|
| Light Source            | LED: (White) 14VDC 1A<br>Halogen: Lamp Bulb 12W/50W (L016H1) |
| Background Illumination | 14VDC 0.1A                                                   |
| Slit Width              | 0-14mm (0-8mm S.I Grande position 2)                         |
| Aperture Diameter       | 0.2, 1, 3, 4, 6, 10mm                                        |
| Slit Length             | 0-10mm                                                       |
| Filters                 | Cobalt Blue, Heat Absorption,<br>Red-Free, 1/2 ND            |
| Slit Rotation           | ±90°                                                         |
| Slit Inclination        | 0° - 5° - 10° - 15° - 20°                                    |
| Max Intensity           | 45,000 Lux                                                   |

**Notes**

|                            |                           |
|----------------------------|---------------------------|
| Image Sensor Type          | Sony Progressive Scan     |
| Resolution                 | 1280 (H) x 960 (V)        |
| Pixel Size                 | 3.75um x 3.75um           |
| Chinrest Vertical Movement | 75mm                      |
| Power Consumption          | LED: 25VA & Halogen: 65VA |

