



Slit Lamp  
SL-2000



THE ART OF EYE CARE

# The SL-2000

## Exceeds Your Expectations

In More Ways than You Can Possibly Imagine...

NIDEK's experience and expertise in optical engineering have been used to design the SL-2000. The innovative features and ergonomic design have resulted in a slit lamp that exceeds expectations. The crisp and clear view of ocular tissue in almost natural color is due to an exclusive optical design and unique color-temperature relationship of the illumination system. A remarkably smooth motorized joystick is an example of the many user-friendly features of the SL-2000.



# Crisp and clear view in near-natural color

## High resolution optical system

---

The optical design of the SL-2000 optimizes resolution and contrast to visualize ocular tissue in exquisite detail. Additionally, the expanded effective focal depth enables observation of the peripheral fundus.

## LED light source for excellent brightness

---

The long lasting LED light source provides effective, consistent brightness. The unique color-temperature relationship of the illumination system enables observation in almost natural color even for fundus examination. An exclusive optical lens is incorporated into the SL-2000 to reduce uneven lighting and compensate for aberrations.



# Superior experience

## Remarkably smooth motorized joystick

---

The acclaimed motorized joystick used in other NIDEK devices is included in the SL-2000 to enhance practitioner comfort. Smooth vertical movements can be performed even when peripherals are connected such as laser photocoagulator accessories, applanation tonometer and/or a heavy digital camera.



## Easy attachment of optional accessories

---

The SL-2000 incorporates a Galilean microscope with a parallel optical system that allows easy attachment of accessories such as a variable magnification unit and beam splitter.

## Ergonomic eyepieces and binocularity

---

The ergonomic eyepieces allow comfortable examination. The 6° stereoscopic angle mitigates user fatigue from a full day of clinical examinations.



## Variable magnification

---

A 5-step magnification can be toggled from 5x, 8x, 12.5x, 20x, and 32x for closer observation of a region of interest.



## Filters for optimizing viewing conditions

---

The SL-2000 incorporates blue, red-free, and ND filters allowing optimal condition for fluorescein evaluation, and vitreous and anterior segment examination.



## User-friendly design

---

In pursuit of a superior experience for both patient and practitioner during examination, the SL-2000 employs a highly ergonomic design. The white base color and streamlined shape of the main body give a clean and comfortable impression.



## SL-2000 Specifications

Microscope	
Microscope type	Galilean converging binocular, five-level magnification (rotating drum)
Objective lens focal length	125 mm
Eyepieces	12.5x, 16x (optional)
Total magnification / diameter of real field of view	5x / 40.7 mm, 8x / 25.7 mm, 12.5x / 16.1 mm, 20x / 10.1 mm, 32x / 6.4 mm
Interpupillary adjustment range	50 to 78 mm
Stereoscopic angle	6°
Diopter adjustment range	±8 D
Filter	Yellow
Lamp housing	
Projection magnification	1x
Slit width	0 to 14 mm (continuously variable)
Aperture diameter / slit length	ø0.2, 1, 3, 5, 9, 14 mm
Slit rotation	±90°
Filter	Blue, red free, ND
Illumination lamp	LED lamp (white)
Base	
Right and left movement	110 mm
Forward and backward movement	100 mm
Forward and backward, right and left fine movement	20 mm (when the joystick is tilted)
Up and down movement	30 mm (motorized)
Power supply	100 to 240 V AC 50/60 Hz
Power consumption	75 VA
Dimensions/mass	346 (W) x 433 (D) x 567 (H) mm / 12 kg 13.6 (W) x 17 (D) x 22.3 (H)" / 26.5 lbs.
Standard accessories	Focusing rod, cap, chinrest paper, power cord, maintenance wrench, screw driver, round head wood screws (4.1 x 13, 3.8 x 20), dust cover
Optional accessories	16x eyepieces, grips (for patients), beam splitter, C-mount camera adapter, tonometer mount*1, co-observation scope, tonometer

\*1. The following applanation tonometer can be attached to the tonometer mount.

- CSO: Z800

Product/model name: SLIT LAMP SL-2000

Brochure and listed features of the device are intended for non-US practitioners.

Specifications may vary depending on circumstances in each country.

Specifications and design are subject to change without notice.



**HEAD OFFICE**  
(International Div.)  
34-14 Maehama,  
Hiroishi-cho, Gamagori,  
Aichi 443-0038, JAPAN  
TEL: +81-533-67-8895  
URL: www.nidek.com

**TOKYO OFFICE**  
(International Div.)  
3F Sumitomo Fudosan Hongo  
Bldg., 3-22-5 Hongo, Bunkyo-ku,  
Tokyo 113-0033, JAPAN  
TEL: +81-3-5844-2641  
URL: www.nidek.com

**NIDEK INC.**  
2040 Corporate Court,  
San Jose, CA 95131, U.S.A.  
TEL: +1-408-468-6400  
+1-800-223-9044  
(US Only)  
URL: usa.nidek.com

**NIDEK S.A.**  
Ecoparc,  
9 rue Benjamin Franklin,  
94370 Sucy En Brie,  
FRANCE  
TEL: +33-1-49 80 97 97  
URL: www.nidek.fr

**NIDEK TECHNOLOGIES S.R.L.**  
Via dell'Artigianato,  
6/A, 35020 Albignasego (Padova),  
ITALY  
TEL: +39 049 8629200/8626399  
URL: www.nidektechnologies.it

**NIDEK (SHANGHAI) CO., LTD.**  
Rm3205, Shanghai Multi  
Media Park, No.1027 Chang  
Ning Rd, Chang Ning District,  
Shanghai, CHINA 200050  
TEL: +86 021-5212-7942  
URL: www.nidek-china.cn

**NIDEK SINGAPORE PTE. LTD.**  
51 Changi Business Park  
Central 2, #06-14,  
The Signature 486066,  
SINGAPORE  
TEL: +65 6588 0389  
URL: www.nidek.sg

[Manufacturer]