

SLIT LAMP **SL-450**



Eye & Health Care

FEATURES

- New Joystick enables easy coarse and fine adjustment for vertical and lateral movement of main body by one hand.
- Performed distinguished manipulation by light weighted and stabilized main body.
- Microscope provides good resolving power and clear contrast as ideal stereoscopic microscope.
- Plenty standard and optional accessories expand wider functions of main unit for clinical examinations.
- Based on superior function and compact design with tilting mechanism.

SPECIFICATIONS

MICROSCOPE

(a) Objective lens	: 1.0X, 1.6X
(b) Eyepieces	: 10X, 16X
(c) Field of view	: ϕ 18 mm (Objective 1X, eyepiece 10X) : ϕ 11.25 mm (Objective 1.6X, eyepiece 10X) : ϕ 15 mm (Objective 1X, eyepiece 16X) : ϕ 9.4 mm (Objective 1.6X, eyepiece 16X)
(d) Eyepiece focusing	: \pm 8D (Eyepiece 10X) : \pm 10D (Eyepiece 16X)
(e) P.D. Adjustment	: 55-94 mm (Eyepiece 10X) : 53-92 mm (Eyepiece 16X)
(f) Angle of optical axis	: 13°

SLIT ILLUMINATION

(a) Projection magnification	: 2/3X
(b) Slit width	: 0-8 mm continuously variable.
(c) Slit length	: 1-8 mm continuously variable.
(d) Aperture diaphragm	: 0.2, 1, 2, 3, 5, and 8 mm
(e) Filters	: Blue, red free, 13% ND and heat absorbing filters
(f) Range of slit rotation	: \pm 90°
(g) Range of shifting slit	: \pm 3.5°
(h) Range of tilting angle	: 0-20° (5° step)
(i) Illumination bulb	: 6V, 27W (Tungsten lamp)

BASE AND HEADREST

(a) Forward	: 80 mm
(b) Lateral	: 100 mm
(c) Fine movement	: 10 mm
(d) Vertical	: 30 mm
(e) Chinrest vertical	: 50 mm
(f) Fixation bulb	: 6V, 1W (Tungsten lamp)

POWER UNIT

(a) Line voltage	: 100, 120, 220, 240 Vac (built-in voltage selector)
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OUTPUT

(b) Output	: 4, 5, 6 and 7.5 V
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DIMENSIONS

	: 450 (W) x 410 (D) x 670 (H) mm
	: 17.7 (W) x 16.1 (D) x 25.8-27.0 (H)"

WEIGHT

	: 16.5 kg / 36.3 lbs.
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POWER CONSUMPTION

	: 45 VA
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STANDARD ACCESSORIES

Focusing rod	-----	1 pc.
Cap	-----	1 pc.
Breath shield	-----	1 pc.
Hexagonal wrench key	-----	1 pc.
Blower brush	-----	1 pc.
Dust cover	-----	1 pc.
Spare mirror	-----	1 pc.
Short mirror	-----	1 pc.
Spare illumination bulb	-----	2 pcs.
Spare fixation bulb	-----	2 pcs.
Spare fuse	-----	2 pcs.
Chinrest pad	-----	1 pad.
Hruby lens	-----	1 pc.
Guide plate for Hruby lens	-----	1 pc.

OPTIONAL ACCESSORIES

10x Eyepiece with scale	-----	1 pc.
10x Eyepiece with scale and axis scale	-----	1 pc.

*Goldmann Applanation Tonometer (R900, T900) can be mounted.

Specifications and design are subject to change without notice for improvement.



NIDEK CO., LTD.

HEAD OFFICE	:34-14, Maehama, Hiroishi Gamagori, Aichi 443-0038, Japan Telephone :81-533-67-6611 Facsimile :81-533-67-6610 URL :http://www.nidek.co.jp
TOKYO OFFICE (International Div.)	:6F Takahashi Bldg., 3-2 Kanda-Jinboucho Chiyoda, Tokyo 101-0051, Japan Telephone :81-3-3288-0571 Facsimile :81-3-3288-0570 URL :http://www.nidek.com
NIDEK INC.	:47651 Washington Drive Fremont, CA 94539, U.S.A. Telephone :1-510-226-5700 :1-800-223-9044 (US only) Facsimile :1-510-226-5750 URL :http://www.usa.nidek.com
NIDEK TECHNOLOGIES AMERICA INC.	:5500 West Friendly Ave, Suite 101 Greensboro, NC 27410, U.S.A. Telephone :1-336-851-0225 :1-888-382-5064 (US only) Facsimile :1-336-851-0917 URL :http://www.nidektech.com
NIDEK SOCIÉTÉ ANONYME	:Europarc 13, rue Auguste Perret 94042 Créteil, France Telephone :33-1-49 80 97 97 Facsimile :33-1-49 80 32 08 URL :http://www.nidek.fr
NIDEK TECHNOLOGIES SRL	:Via dell'Artigianato, 6/A 35020 Albignasego (Padova), Italy Telephone :39 049 8629200 / 8626399 Facsimile :39 049 8626824 URL :http://www.nidektechnologies.it