

Slit Lamp SL-3G

NEW



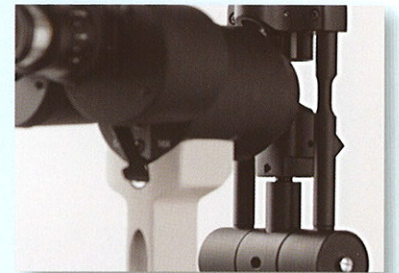
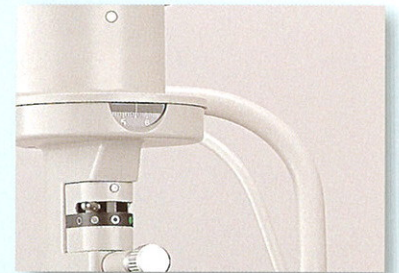
CONNECTING VISIONS

A Classic Slit Lamp with Unparalleled Optical Quality

The new SL-3G, with a style that became the benchmark of slit lamps worldwide, combines classic versatility with the smoothest mechanism in its type.

NEW

Slit Lamp SL-3G



Optical System

Topcon SL-3G's stereoscopic converging microscope with the use of innovative optics provides the practitioner with unsurpassed image clarity and sharpness. This reduces fatigue while providing a clearer field of view. Magnifications can easily and smoothly be changed between 1X to 1.6X using the conveniently located lever. Final magnification ratios are equivalent to 10X and 16X with the 10X eyepiece; 16X and 25.6X with the 16X eyepiece.

Bright, Even, Consistent Illumination

With the use of a powerful halogen bulb the SL-3G produces a consistent, steady lighting for observation. Its 6V 20W halogen bulb resembles natural daylight illumination for optimum color rendition. The intense beam allows for narrower slit apertures and finer detail observation. Longer lamp duration and a steady brightness during the lamp's life are additional advantages.

Smooth, Effortless Controls

The SL-3G features the Topcon Omni-Directional control lever that provides the smoothest movement for precise, fatigue-free adjustments.

Slit Beam Inclination

Added versatility in gonioscopy and fundus observation is provided by the capability to incline the illumination unit up to 20° from the observation axis. Horizontal sections can also be observed with this feature.

Four Built-in Filters

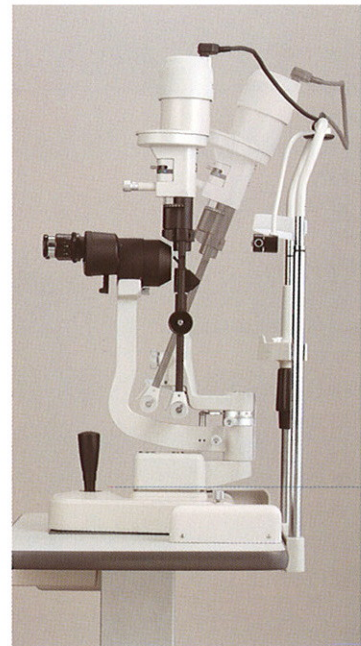
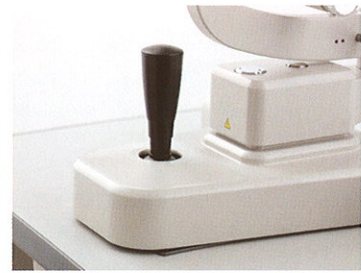
The SL-3G comes with four built-in filters into the illumination column to facilitate special examinations. The filters are easily inserted into the illumination path by a quick change lever. The filters include: Cobalt blue, Red-free, 13% Neutral Density and Heat Absorbing.

Continuous Adjustment of Slit Aperture

Both slit width and length are continuously adjustable. The width can be adjusted from 0 to 9mm and the length from 1 to 8mm. A rotating collar allows for quick adjustments of 0.2, 1, 2, 3, 5, 8 and 9mm.

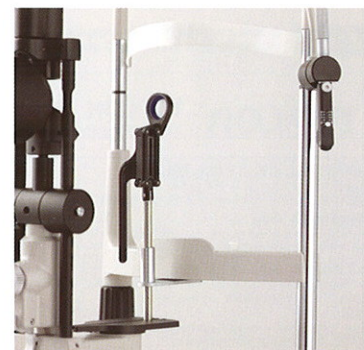
Precise Angular Measurements

An angular measurement scale is engraved on the SL-3G housing to simplify the fitting of astigmatic contact lenses.



Optional Accessories

- Hruby lens
- 10X measuring eye piece
- The SL-3G accepts applanation tonometers models R900 and T900
- The SL-3G can be integrated with the Topcon Laser Photocoagulator LC-300G by using the SA-1G Slit Lamp Delivery System



Specification

Microscope		
Type	Stereoscopic Microscope	
Magnification selection	2 steps by Objective Lens rotation	
Objective	1X, 1.6X	
Eyepiece	10X, 16X (16X Eyepiece is optionally available in some regions.)	
Magnification ratio		
	Objective	Eyepiece
	1X	10X
		16X
	1.6X	10X
		16X
Pupillary adjustment	10X Eyepiece	55mm~82mm
	16X Eyepiece	51mm~78mm
Diopter adjustment	10X Eyepiece	±8D
	16X Eyepiece	±10D
Slit Illumination		
Slit width	Continuous from 0 to 9mm (Circle at 9mm)	
Slit Length	Continuous from 1 to 8mm	
Aperture diameter	9, 8, 5, 3, 2, 1, 0.2mm	
Slit angle	0~180°	
Slit inclination	5°, 10°, 15°, 20°	
Filters	Cobalt blue, Red-free, 13% ND, Heat absorbing, UV Cut (Normal use), IR Cut (Normal use)	
Illumination lamp	6V 20W Halogen	
Base		
Longitudinal movement	90mm	
Lateral movement	100mm	
Fine base movement	15mm	
Vertical movement	30mm	
Chinrest		
Vertical movement	80mm	
Fixation target	6V 0.2A Tangsten lamp	
Power		
Input (Primary)	AC 120V/220V/230V/240V	
Frequency	50/60Hz	
Power Consumption	30VA	
Dimension & Weight		
Table type	550mm(W) x 430mm(D) x 770~800mm(H), 21Kg	
Unit type	440mm(W) x 410mm(D) x 770~800mm(H), 20Kg	



*Subject to change in design and/or specifications without advanced notice.

IMPORTANT

In order to obtain the best results with this instrument, please be sure to review all user instructions prior to operation.

TOPCON CORPORATION

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75-1 Hasunuma-cho, Itabashi-ku, Tokyo 174-8580, Japan. Phone:3-3558-2523/2522 Fax:3-3960-4214 www.topcon.co.jp

TOPCON MEDICAL SYSTEMS, INC.
37 West Century Road, Paramus, NJ 07652, U.S.A.
Phone: 201-599-5100 Fax: 201-599-5248 www.topconmedical.com

TOPCON CANADA INC.
110 Provencher Avenue, Boisbriand QC J7G 1N1, CANADA
Phone: 450-430-7771 Fax: 450-430-6457 www.topcon.ca

TOPCON EUROPE MEDICAL B.V.
Essebaan 11, 2908 LJ Capelle a/d IJssel, THE NETHERLANDS
Phone: 010-4585077 Fax: 010-2844940 www.topcon.eu

ITALY OFFICE
Via Dell'Industria n. 60, 20037 Paderno Dugnano, (Milano), ITALY
Phone: 02-9186671 Fax: 02-91081091 www.topcon.it

DENMARK OFFICE
Praestemarksvej 25, 4000 Roskilde, DENMARK
Phone: 046-32-7500 Fax: 046-32-7555

IRELAND OFFICE
Unit 69 Western Parkway Business Centre,
Lower Ballymount Road, Dublin 12, IRELAND
Phone: 01-460-0021 Fax: 01-460-0129

TOPCON S.A.R.L.
89, Rue de Paris 92585 Clichy, Cedex, FRANCE
Phone: 01-41069494 Fax: 01-47390251 www.topcon.fr

TOPCON DEUTSCHLAND G.m.b.H.
Giesserallee 31-33, 47877 Willich, Germany
Phone: 02154-8850 Fax: 02154-88511 www.topcon.de

TOPCON SCANDINAVIA A.B.
Neengatan 2, 43121 Mölndal, SWEDEN
Phone: 31-7109200 Fax: 31-7109249 www.topcon.se

TOPCON ESPAÑA S.A.
Frederic Mompou 5, Edificio Euro 3, 08960 Sant Just Desvern Barcelona, SPAIN
Phone: 34-93-4734057 Fax: 34-93-4733932 www.topcon.es

TOPCON (GREAT BRITAIN) LTD.
Topcon House, Kennel Side, Bone Lane, Newbury, RG14 2PX U.K.
Phone: 01635-551120 Fax: 01635-551170 www.topcon.co.uk

TOPCON POLSKA Sp.zo.o.
Ul. Oswiatowa 77, 42-404 Zawiercie, POLAND
Phone: 326-71-3405 Fax: 326-70-5045

TOPCON SOUTH ASIA PTE.LTD.
Blk 192 Pandan Loop, #07-01 Pantech Industrial Complex, Singapore 128381
Phone: 62780222 Fax: 62733540 www.topcon.com.sg

TOPCON INSTRUMENTS (MALAYSIA) SDN. BHD.
No. D1, (Ground, Lower Ground & 1st Floor),
Jalan Excella 2, Off Jalan Ampang Putra,
Taman Ampang Hilir, 55100 Kuala Lumpur, MALAYSIA
Phone: 03-42709866 Fax: 03-42709766

TOPCON INSTRUMENTS (THAILAND) CO.,LTD.
77/162 Sinsalathorn Tower, 37th Floor, Krungthoraburi Road,
Klongtongnai, Klongsarn, Bangkok 10600 THAILAND
Phone: 02-440-1152-7 Fax: 02-440-1158

TOPCON CORPORATION BEIJING OFFICE
Building B.No.9, Kangding Street
Beijing Economic Technological Development Area, Beijing, 100176 CHINA
Phone: 10-6780-2799 Fax: 10-6780-2790

TOPCON CORPORATION SHANGHAI OFFICE
14L HUAMIN EMPIRE PLAZA, No.726, Yan-an Xi Road, Shanghai, CHINA
Phone: 21-52387722 Fax: 21-52370761

TOPCON CORPORATION BEIRUT OFFICE
P.O. BOX 70-1002 Antillas, BEIRUT-LEBANON
Phone: 961-4-523525/523526 Fax: 961-4-521119

TOPCON CORPORATION DUBAI OFFICE
P.O. BOX 293705 Office C-25 (Jaw C-2) Dubai Airport Free Zone,
Dubai, United Arab Emirates
Phone: 971-4-2995900 Fax: 971-4-2995901