

**2 Step**

10x, 16x

**3  
STEP**

10x, 16x, 25x

**5  
STEP**

6x, 10x, 16x, 25x, 40x

50 glorious years of commendable acclamation



**Saluting the Pioneer  
Mr. Dev Raj Jaggi**

**LED/HALOGEN  
SLITLAMP**

2 Step

10x, 16x  
**Slit Lamp  
Alpha**



### SLITLAMP MODEL Alpha (HS Type)

Stereo Microscope Type	Galilean
Magnification Changer	Turret Rotation
Working Distance	100mm
Objective Lens Focal Length	1X, 2X
Eye Pieces (Large Optics)	10X
Total Magnification	10X, 20X (Two Step)
Real Field of View	27, 16, 11mm
Inter Pupillary Distance	55-75mm
Diopter Adjustment Range	-6D to +6D
Beam Splitter	Built-in

#### Common Specifications

Slit Image Width	0 - 14mm continuously variable
Slit Image Height	0 - 14mm continuously variable
Illumination Field Diameter in MM	0.2, 2, 3, 4, 6, 8 & amp 14mm
Slit Rotation	0 to 180deg.
Filters	Heat Absorbing, Yellow, (Red Free), Cobalt Blue
Illumination	6V, 20W Halogen Lamp
Operation	3 Dimensional single handed
Instrument Base Movement	100mm (in/out), 24mm(Up/Down), 130mm (left/Right)
Chin Rest Movement Range	100mm



2 Step

10x, 16x

# Slit Lamp DS-1



## Model Slitlamp DS-1 (Compact)

- |                                |                       |
|--------------------------------|-----------------------|
| 1. Stereo Microscope Type      | : GALILEAN            |
| 2. Magnification Changer       | : Turret Rotation     |
| 3. Working Distance            | : 100 mm              |
| 4. Objective Lens Focal Length | : 1x 2x               |
| 5. Eye Pieces (Large Optics)   | : 10x                 |
| 6. Total Magnifications        | : 10x, 20x (Two step) |
| 7. Real Field of View          | : 27, 16, 11 mm       |
| 8. Inter Pupillary Distance    | : 55-75 mm            |
| 9. Diopter Adjustment Range    | : - 6D to + 6D        |
| 10. Beam Splitter              | : Built-in            |

### Common Specifications

- |                                      |   |
|--------------------------------------|---|
| 1. Slit Image Width                  | : 0 to 14 mm continuously variable                |
| 2. Slit Image Height                 | : 0 to 14 mm continuously variable                |
| 3. Illumination field Diameter in mm | : 0.2, 2, 3, 4, 6, 8, & amp; 14 mm                |
| 4. Slit Rotation                     | : 0 to 180 deg.                                   |
| 5. Filters                           | : Heat absorbing, Yellow, (Red, Free), Cobalt Blu |
| 6. Illumination                      | : 6v-20W Halogen lamp                             |
| 7. Operation                         | : 3 Dimensional single handed Operation.          |
| 8. Instrument base movement          | : 100mm(in out), 24mm(UP/DN) , 130mm (Left/right) |
| 9. Chin Rest movement range          | : 100mm   |
| Electrical Specification             |   |
| 1. SMPS power supply (Optional)      |   |



2 Step

10x, 16x

# Slit Lamp DS-2

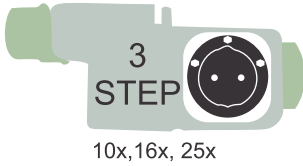


## Model Slitlamp DS-2 (Compact)

Microscope	Galilean
Magnifications Change	2 Position Lever
Eye Pieces	10X & 15X
Magnification Ratio	10X, 16X or 15X, 24X
Real Field of view in min.	18, 11 & 14,9
PD Range	52-90 mm
Diopter Adjustment	+/- 8D
Working Distance	100 mm
Slit Width	0-12 mm
Slit Length	0-12 mm
Slit Aperture	0.2, 2, 3, 4, 6, 8, 11.5 mm
Slit Angles	0-180 degree
Illumination Bulb	12V - 30W
Filters	Heat Absorbing, Green, Cobalt Blue & UV
Voltage	230V / 110V
Frequency	50/60Hz
Power Consumption	45 W (Max)
Movement Ranges	
Longitudinal (In/Out)	99 mm
Lateral (Left/Right)	118 mm
Vertical (Up/Down)	30 mm
Chin rest Change	80 mm
Dimension (MM)	530 X 380 X 600

## Optional LED Illumination

Sharp & even light  
Powerful and Long lasting  
Less stress to patient's eye



# Slit Lamp DS-3



## SLITLAMP MODEL DS3 (Compact)

3 step changer microscope

Wide field eye pieces 12.5x

0 - 14mm slit

+/- 90degree slit rotation

Cobalt blue, heat absorption,

red free, yellow filters

Halogen illumination / optional LED

SMPS power supply (Optional)

\*Applanation Tonometer compatible

\*Photo module compatible

## Optional LED Illumination

Sharp & even light  
Powerful and Long lasting  
Less stress to patient's eye



10x, 16x, 25x

# Slit Lamp Carlos-3



## SLITLAMP MODEL CARLOS-3 (HS type)

3 step changer microscope

10x, 16x, 25x magnification

Wide field eye pieces 12.5x

0 - 14mm slit

+/- 90degree slit rotation

Cobalt blue, heat absorption,

red free, yellow filters

Halogen illumination / optional LED

SMPS power supply (Optional)

\*Applanation Tonometer compatible

\*Photo module compatible

## Optional LED Illumination

Sharp & even light  
Powerful and Long lasting  
Less stress to patient's eye



6x, 10x, 16x, 25x, 40x

## Slit Lamp LS-i5



Microscope Type	Parallel Galilean
Magnification Changer	Revolving the Drum
Eyepiece	12.5X
Total magnification	6X 10X 16X 25X 40X
Diameter of Vision field	Ø37 Ø23 Ø14 Ø8.7 Ø5.7 mm
Pupil adjusting range	54mm ~ 82mm
Diopter adjustment	-7D ~ +7D
Slit image width	0mm ~ 14mm continuous
Slit image length	1mm ~ 14mm continuous
Diameter of aperture	Ø 14mm Ø10mm Ø5mm Ø 3mm Ø1mm Ø 0.2mm
Slit angle	0 ~ 180 Rotatable continuous
Illumination tilting	5, 10, 15, 20 totally 4 steps
Filter	Heat absorption, Grey, Red free (Green), Cobalt Blue
Illumination	12V, 30W halogen bulb.
Fixation	Red LED 3.5V.
Power	Input voltage 100 ~ 240V Input Frequency 48 ~ 62 Hz Input Power 60VA
Dimension	740 x 650 x 450 mm total
Package	27kg Carton

# Portable Slit Lamp Microscope

## Model HL9



### Accessories in the Carrying Case

1. 2 Li-Batteries.
2. 1 Charger.
3. 2 Head Rest.

### Features:

1. Lightweight, single hand operate.
2. Linkable Eyepieces.
3. Ideal for Paediatrics, Veterinary surgeon, nursing home, carry-out, private ophthalmologist.
4. Packed in Alu-Alloy carrying case, with black and white colors.
5. It can be upgraded by Coolpix camera or iPhone and Android phone Eyepiece Adapters.

### Microscope

Type	Binocular Hand Held Slit Lamp
Eyepiece	Convergence binoculars, 13degree
Magnification	10X & 16X
Working Distance	80mm
Pupil Distance	45mm ~ 78mm
Diopter Compensation	-8D ~ +8D

### Illumination

Slit Width	0.15mm, 0.5mm, 0.8mm, 1.6mm, $\phi$ 12mm, 1X1mm Block
Slit Length	12mm
Slit Angle	Horizontal $\pm 60^\circ$
Filter	Heat Absorption, Color Temperature Compensation, Red Free, Cobalt Blue
Light Source	White LED
Maximum Illumination	$\geq 50000$ Lux

### Power Source

LED Working Voltage	DC 7.4V, 950mAh
Battery	Li-ion Battery 7.4V/950mAh, continuous working time $\geq 3$ hours after fully charged.
Weight And Volume	169.5mm x 109.5mm x 228.5
Volume	Weight $\leq 700$ g (with battery)





## DS-STD

Digital Slit Lamp System



Digital Camera with  
Touch Screen LCD



Applanation Tonometer



**78D** provides an ideal combination of field and magnification, providing and extended working distance from cornea; it is made out of glass.



**90D** offers a wide-field fundus imaging out to and beyond the equator, ideal for posterior pole scanning, this is the non contact version lens, made out of glass.



**Single Mirror**, it is due to its size which makes this a very convenient Gonio lens, the mirror angle is at 62 degree which when rotated through 3600 gives a clear view of the anterior chamber angle, can be used for adults and children with small palpebral fissure, it is made of glass and requires contact medium.



**Two Mirror**, ideal for use in anterior chamber angle observation, the two opposing mirrors inclined at 62 degree provides a complete 3600 observation by just rotation of 900. It is good for both children and adults, made out of glass and requires contact medium.



**Three Mirror** has three mirrors at 59 degree, 66 degree and 73 degree which are arranged at 120 degree intervals enable you to view the fundus and anterior chamber, made out of glass and requires contact medium.



**Four Mirror** with detachable handle, ideal for both diagnostic and dynamic gonioscopy made of quartz glass and NO medium is required, the four mirror angles at 62 degree help viewing all quadrants of the anterior chamber without rotation, the contact surface is just 9mm.

## TARUN ENTERPRISES

8/8, Strachy Road, Allahabad - 211001, U.P., INDIA

Phone : 91 532 6590204 e-mail : [info@optitecheyecare.com](mailto:info@optitecheyecare.com)

A96/1, Second Floor, Phase II,  
Mayapuri Industrial Area, New Delhi - 110064

Phone: 011 47070362

e-mail: [delhi@optitecheyecare.com](mailto:delhi@optitecheyecare.com)



optitechallahabad



+91 9335154556