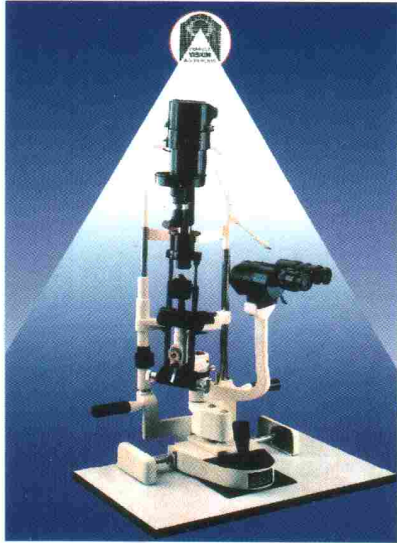


Today's ophthalmology demands total control over technology, somewhat as a replacement to Humans. We have endeavoured to provide you with Human Like technology-fast, ergonomic and precise. Our range of slit lamps has been well known to you for some time now with constant upgrades and technology revision it is now the time to present to you the ultimate range of slit lamps.

We have completely re-designed the stereoscopic microscope used in the Classic and Carlos range of Slit-Lamps. The new Multi-Coated, high-point optics provide unequalled image sharpness and a reduced fatigue during extended examinations. The objective lens magnification can be changed between 1x and 1.6x.

The Classic employs the standard 6V20W bulb which ensures enough light to visualize the ocular tissues without causing the need to overstrain. The Carlos-X employs the 12V30W halogen bulb which ensure atleast 50% more light at the maximum output, thus enabling you to couple the instrument with modern day digital camera or the applanation tonometers and or all other optical accessories. The standard slit-length is 12 mm.

The Carlos X comes with the completely new base design which ensures a smooth omni-directional movement making control over every dimensional adjustment effortless, quick and easy.



The Classic

The ultimate beginners slit lamp!!! Made especially for optometrists, opticians and ophthalmologists who do not wish to spend for the specialist models, but at the same time want a complete and working slit lamp.



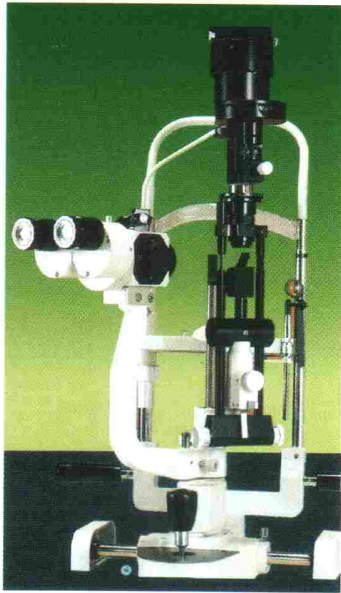
The Carlos-X

Proven design, better optics, a new lamp assembly give you the Carlos-X, with a totally new optical design we can guarantee a crisp and sharp image. The Carlos is designed to accept the MJ. 01 Applanation Tonometer and all other optical accessories. The Carlos-X also has the facility of attaching to the digital Camera eye piece adaptors

The Carlos X Video

The truly innovative optical design made by us, which ensures a built-in beam-splitter in the conventional Greenough type microscope. The special video adaptor couples available CCD cameras to give you a clear and sharp video image on the monitor.

The 12V30W halogen bulb along with a modified booster switch on the base provides you with additional light to view the intricate details and provide the camera with the additional light to clearly project the image on the screen. The diffuse external light provides the camera with the background illumination to make the picture clear.



Optere OPSL-1

The Optere OPSL - 1

Optere is a well known optics brand in USA, their core being the Slit-Lamp and the microscope optics, their new product the Optere OPSL-1 5 Step Changer optics slit-Lamp is designed keeping the utmost professional in you. It is complete in all respects.

The ultra-high resolution optics offer you magnification upto 40x in five steps of 6x, 10x, 16x, 25x and 40x when employing the standard 12.5x Hi-Eye-point eyepieces.

The brilliant Halogen illumination of 12v30w ensures a crisp and clear visualization of the media, giving you fast and easy diagnosis.

Optionally the system can upgrade using a beam-splitter and c-mount to the video system or with using the adaptor sleeve the commercially available digital cameras from Nikon, Canon and Sony. For details on the cameras, please refer to the section on the adaptors.

The optere-Carlos Connection

As and economy version, we have introduced the Optere OPSL-1 microscope on the Carlos-X base thus giving you the concrete vision of Optere with the economy of the Carlos.

Specifications

Specifications	Optere OPSL-1	Optere Carlos	Carlos Video	Carlos-X	Classic
Microscope					
Type	Galilean		Greenough		
Magnification	5 steps changer		2 steps by flip switch		
Eye-piece	12.5x		10x, 15x		
Magnification	6x, 10x, 16x, 25x & 40x		10x, 16x 24x		
PD adjustment	55-80mm		55-80mm		
Diopter adjustment	-5D to +3D		-8D to +8D		
Slit Illumination					
Lamp	12v30w		12v30w		6v20w
Slit-Length	0-14mm		0-12mm		
Apertures	0.5 to 14		0.5 to 12		
Slit Inclination	Yes		Yes		
Slit-rotation	90 on either side of vertical				
Filters			Cobalt blue / Redfree	Natural density / Yellow	
BASE					
Longitudinal			90 mm		
Lateral			100 mm		
Fine			15 mm		
Vertical			30 mm		
Chin-rest					
Vertical			80mm		
Fixation			Red Led		
Power					
Input	100v-220v / Variable				
frequency	50/60 hz				
Optional Accessories					
C-mount Beamsplitter	Optional	Optional	Built-in	NA	NA
Digital Camera Adaptor	Optional	Optional	Optional	Optional	NA
Hurby Lens	Standard	Standard	Standard	Standard	Optional
Applanation	Optional	Optional	Optional	Optional	Optional
Motorised Table	Optional				
Weight					
Approx	22 kg unpacked				
Dimensions	550X370				