

## Ocular Ultra View SP (Small Pupil) Slit Lamp Lens

										
	<b>Product Code</b> OI-SP	<b>Diopter</b> 132	<b>Used With</b> Slit Lamp	<b>Image Magnification</b> .45x	<b>Approximate Laser Spot Mag Factor</b> 2.22x	<b>Static Field of View</b> 99°	<b>Dynamic Field of View</b> 158°	<b>Working Distance from Cornea (mm)</b> 4mm	<b>Clear Aperture (mm)</b> 16mm	<b>Weight (grams)</b> 8.5
<b>Lens Coating</b>	The Laserlight® high efficiency, broad band, anti-reflective coating provides optimal image contrast, minimizes bothersome reflections, and maximizes visible and diode laser transmission.									

### Design

- The Ultra View SP slit lamp non-contact biomicroscopy lens is made from the finest optical glass available and provides an unparalleled wide field of view of the patient's retina. Its field of view has an area three times greater than that of a Standard 90D lens, permitting detailed retina inspection well outside the arcades.
- It is particularly useful for finding NVE in diabetic patients and for examining photophobic patients dazzled by conventional indirect ophthalmoscopy.
- Its high power makes it an excellent choice for examining undilated patients or those who dilate poorly.
- It is the ideal high resolution screening lens, the perfect complement to our higher magnification Ultra Mag 60D, High Mag 78D and Standard 90D slit lamp ophthalmoscopy lenses.

### Technique

- There are several approaches for using the Ultra View SP Lens with an undilated pupil. The simplest is the following:
- Use the alignment bar of the slit lamp to find the proper ocular settings for each of your eyes. Move the slit lamp arm so that the axes of illumination and observation are parallel to each other.
- Align the patient's head properly in the slit lamp headrest, with their chin down and forehead against the forehead rest. The patient's pupil should be lined up with the horizontal reference marks on the vertical bars supporting the forehead rest.
- Move the slit lamp toward the patient so that the slit lamp beam is focused sharply on the patient's iris. Then move the slit lamp so that the beam is also centered in the patient's pupil. Decrease the height and width of the slit lamp beam so that the beam passes only through the patient's pupil without light scattering from the iris.
- Hold the lens between your thumb and index finger, resting your other three fingers for support on the forehead rest (you may wish to rest your elbow on a foam rubber pad for additional support). Align the lens so that its front surface is roughly ½" from the patient's cornea and the slit lamp beam passes through the center of the lens.
- Keep the front surface of the lens perpendicular to the patient's visual axis. Move the lens slightly (up-down, left-right, etc.) until a red reflex is seen. Pull the slit lamp back toward you until you visualize fundus details such as a large retinal vessel. Then move the lens slightly (up-down, left-right, etc.) to view different retinal areas.

**Cleaning**

Clean with alcohol wipe.

**Disinfecting**

Soak In:	<b>GLUTARALDEHYDE</b>	<b>OR</b>	<b>BLEACH</b>
	2% or 3.4% aqueous solution		10% solution mixed at: 1 part bleach to 9 parts cool tepid water
	Temperature per manufacturer instructions		Recommended exposure time = 10 minutes
	Minimum exposure time = 20 minutes		
<b>CAUTION</b> To avoid damage to the lens, do not exceed recommended exposure time.			
Then:	Rinse lens <i>thoroughly</i> to remove disinfection solution. 3 cycles of 1 minute, with cool or tepid water is recommended. Dry carefully and place in a dry storage case.		
<b>NOTE</b>	This lens is known to be compatible with: Asepti-Wipe, Cavi-cide, Cidex, Cidex OPA, DisCide Wipe, Enviro-cide, H <sub>2</sub> O <sub>2</sub> -3% and Opti-Cide.		

**Sterilizing**

<b>AUTOCLAVE</b>	<b>STERRAD</b>	<b>STERIS SYSTEM 1</b>	<b>ETO</b>	<b>ETO Parameters</b>		
<b>No</b>	<b>No</b>	<b>YES</b>	<b>YES</b>	Minimum Time	Temperature	Aeration Time
		Per manufacturer instructions	See Right	1 hour	130°F (54°C)	12 hours
<b>WARNING</b> <i>Never Steam Autoclave or Boil listed lenses. Never soak in Alcohol, Acetone or Other Solvents. DO NOT sterilize lens in its plastic or wooden storage case.</i>						

For information on compatibility with alternative product care methods, contact Customer Service.



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