



Ocular MaxAC™ Indirect Diagnostic / Laser Lenses

CE	Product Code/ Lens Name	Used With	Image Magnification	Approximate Laser Spot Mag Factor	Static Field of View	Dynamic Field of View	Working Distance from Cornea (mm)	Clear Aperture (mm)	Weight (grams)
	OI-20A MaxAC™ 20D	BIO	3.03x	0.33x	50°	na	47	48.0	51
	OI-28A MaxAC™ 28D	BIO	2.15x	0.47x	59°	na	28	38.2	36

Design

- MaxAC™ BIO Lenses are made of high transmittance glass for bright, clear images.
- MaxAC™ BIO 20D and 28D lenses feature computer optimized aspheric designs for maximum resolution and field of view.

Technique

- Commonly known indirect ophthalmoscopy techniques using the binocular indirect ophthalmoscope should be used.
- The silver end of the 20D, 28D lens should be held toward the patient's eye during examination. It is important to recognize that this unidirectional design provides the best image quality possible.
- Keep the lens centered on the patient's pupil.
- Hold the lens far enough from the patient's eye so that the retinal image is the same diameter as the lens.
- Keep the illumination source as dim as possible to minimize reflections and loss of image contrast.
- Use the *Ocular Lens Cleaning Cloth* (OLCCA) to keep lens clean and minimize glare from the lens surface.

Cleaning

Rinse:	Immediately upon removal from patient's eye, thoroughly rinse in cool or tepid water.
Wash:	Place a few drops of mild soap on a moistened cotton ball. Gently clean with a circular motion.
Rinse:	Thoroughly rinse in cool or tepid water, then dry carefully with a <i>non-linting</i> tissue.
Then:	Proceed with either disinfection or sterilization instructions.

Disinfecting

SOAK IN:	GLUTARALDEHYDE	OR	BLEACH
	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		
CAUTION 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.		
NOTE	This lens is known to be compatible with: Asepti-Wipe, Cavi-cide, Cidex, Cidex OPA, DisCide Wipe, Enviro-cide, H ₂ O ₂ -3% and Opti-Cide.		

Sterilization - Autoclave

Prep: Place lens in sterilization case and place on edge (use MaxAC Lens Stand OI-LSA).

Process:

Standard Cycle (wrapped)				
Temperature	Time		Temperature	Time
270°F (134°C)	15 minutes minimum	OR	250°F (121°C)	30 minutes minimum



OI-ST
Indirect Sterilizing
Tray



OI-LSA
Autoclavable Lens
Stand

Caution

Use only distilled water in the steam sterilizer. If not distilled, excessive mineral deposits from hard water (steam) will leave a cloudy film on the lens. The deposits can only be removed by re-polishing the lens. Note: A clean autoclave will leave a light water spot residue on the lens, which is not visible during normal lens use. To reduce water spotting on the lens; wash, rinse, and dry the lens before each autoclave cycle and set the lens on edge during the autoclave cycle. MaxAC Lens Stand, OI-LSA, may be used during sterilization to hold the lens or lens sterilization case on edge.

Store: Place in a biological barrier peel pouch to ensure sterility after the process.

For Immediate Use Only

Flash autoclave (unwrapped) at a minimum of 270°F (134°C) for a minimum of 10 minutes.

Sterilization - ETO

Minimum Time	Temperature	Aeration Time
1 hour	130°F (54°C)	12 hours

Sterilization - Steris System 1

Follow manufacturer's instructions.

Sterilization - Sterrad

Follow manufacturer's instructions.

NOTE

Discoloration of the lens cone may occur using Sterrad. Optical Function will not be changed.

WARNING

Never soak in Acetone or Other Solvents.
DO NOT sterilize lens in its plastic or wooden storage case.

Sterilization for Autoclavable Lens Cleaning Cloth (OLCCA)

Flash autoclave (unwrapped) at a minimum of 270°F (134°C) for a minimum of 10 minutes.

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

