


Ocular Barraquer Varley 90mm Hg Tonometer

	Product Code	Also Available: Silicone Replacement Ring OBT-O (5 pack)
	OBVT CE	

Lens Design

- The Barraquer Varley 90mm Hg Tonometer measures the intraocular pressure.
- It is based on Maklakov's principle of applanation tonometry and consists of a conical shaft of high-density transparent plastic, a silicone retaining ring and a slip ring handle.
- The engraved ring reticle on the endpoint indicates a predetermined intraocular pressure of 90mm Hg.
- Shorter in length than the Barraquer 65/90 Tonometer, the "Varley" is ideal for use with the Visx laser for LASIK.

Technique

- The eye is pressurized until the intraocular pressure appears to be at the desired level.
- Any excessive fluid on the cornea is dried.
- The tonometer is gently lowered onto the cornea until the applanation circle can be seen through the tonometer.
 - If the applanation circle is smaller than the inside of the engraved ring, pressure in the eye should be reduced.
 - If the applanation circle is larger than the outside of the engraved ring, pressure in the eye should be increased.

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 *non-linting* 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		
	Minimum exposure time = 20 minutes		Recommended exposure time = 10 minutes
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.		

Sterilizing						
AUTOCLAVE	STERRAD	STERIS SYSTEM 1	ETO	ETO Parameters		
No	No	YES	YES	Minimum Time	Temperature	Aeration Time
Flash For 4 Minutes Only		Per manufacturer instructions		1 hour	130°F (54°C)	12 hours
WARNING Never soak in Acetone, Alcohol or Other Solvents.						

Autoclave – Flash Only	
<ul style="list-style-type: none"> Disassemble and thoroughly wash the tonometer so that it is free of mucous, sebaceous deposits or other debris. Place all three parts in a tray taking care to protect the tonometer from damage by contact with other instruments. Flash Autoclave Only (unwrapped) for four (4) minutes at 270°F or 132°C. No dry time. 	
WARNING	REMOVE PROMPTLY, longer exposures will damage lens. The intense heat for an extended time will cause the plastic to cloud.
<ul style="list-style-type: none"> Reassemble before use. In the absence of the ring, a false reading will occur. 	

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



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