

## PRODUCT CARE INSTRUCTIONS: CLEANING METHOD 4

### DEVICE(S): ALL Ocular Tonometers.

<b>WARNINGS</b>	<ul style="list-style-type: none"> <li>• Read all instructions before use.</li> <li>• Follow instructions and warnings as issued by manufacturers of any decontaminants, disinfectants and cleaning agents used.</li> <li>• Wherever possible avoid the use of abrasive materials for cleaning and drying.</li> <li>• Incorrect handling and care or misuse can lead to premature wear of these devices.</li> <li>• Inspect these devices carefully for damage, cracks or malfunctions before each use.</li> <li>• Do not use damaged devices.</li> <li>• Use only approved disinfectant solutions (e.g., FDA, DGHM, CE Mark...).</li> <li>• Each device requires cleaning and disinfection before its first use and any subsequent use.</li> <li>• Ensure cleaning and disinfection solutions fully contact all device surfaces.</li> <li>• Store devices in a cleaned, disinfected and dry state.</li> <li>• Sterilize all devices before surgery.</li> <li>• Never soak in Acetone or Other Solvents.</li> <li>• Allow devices to air cool to room temperature before use. Rapid cooling may damage devices.</li> </ul>
<b>Limitations on reprocessing</b>	<p>Tonometers have a lifetime of 5 years. After a period of 2 years of purchase, check for the following:</p> <ol style="list-style-type: none"> <li>1. Any visual damage</li> <li>2. Easy gliding and turning without any resistance</li> <li>3. No complete rip of the white 'O' type joint ring</li> <li>4. Scratches on applanation (contact surface)</li> <li>5. Complete visibility of engraved white ring on the applanation (contact) surface</li> </ol> <p>Contact customer service for any such concern.</p>

<b>INSTRUCTIONS</b>	
<b>Point of Use:</b>	Rinse: Immediately upon removal from patient's eye, thoroughly rinse in cool or tepid water.
<b>Preparation for decontamination:</b>	Reprocess all devices as soon as reasonably practical following use.
<b>Cleaning: Automated</b>	Not recommended.
<b>Cleaning: Manual</b>	<p>Wash: Disassemble lens and place a few drops of low foaming mild soap (neutral pH (7.0) detergent formulated for medical instruments) on a moistened cotton ball. Gently clean with a circular motion.</p> <p>Rinse: Thoroughly rinse lens and flush lumens in cool or tepid high purity water, then dry carefully with a <i>non-linting</i> tissue or hospital grade compressed air.</p> <p>Inspect: Visually inspect all surfaces, crevices, joints, holes and lumens for complete removal of soil and fluid. If any soil or fluid is visible, then repeat cleaning.</p> <p><b>Caution:</b> <i>If fluid/gas exchange has occurred, wipe lens with alcohol to remove any trace of oil present. If lens is not promptly and properly cleaned, permanent damage may result.</i></p>
<b>Disinfection:</b>	<p>Disinfectant solutions (e.g., Approved by FDA, DGHM, CE Mark...) may be used in accordance with label instructions of the disinfectant manufacturer. Pay strict attention to disinfectant manufacturer's recommended concentrations and contact durations. Ensure that disinfectant solution makes complete contact with all device surfaces and lumens.</p> <p>After manual high level disinfection, soak and rinse lens in large volume of cool or tepid sterile water for 1 minute and thoroughly flush lumens. Repeat this procedure 2 times with fresh rinse water to ensure removal of disinfection solution.</p> <p><b>Caution:</b> <i>To avoid damage to the lens, do not exceed recommended exposure time.</i></p> <p><b>Caution:</b> <i>If used on an ulcerated cornea, lens must be STERILIZED before next procedure.</i></p>

<b>Drying:</b>	Dry devices carefully with lint free tissues or hospital grade compressed air and place in a dry storage case.
<b>Maintenance, Inspection and Testing:</b>	Inspect these devices carefully for damage, cracks or malfunctions before each use. Do not use damaged devices.
<b>Packaging:</b>	Standard biological peel packs ( <i>wrapped</i> ) may be used. The pack should be large enough to contain the device without stressing the seals. Biological peel packs ensure sterility after the sterilization process.
<b>Sterilization:</b>	<p><b>EO</b>  Minimum Time: 1 hour  Temperature: 130°F (54°C)  Aerations Time: 12 Hours</p> <p><b>FLASH AUTOCLAVE ONLY</b></p> <p>Place all three parts in a tray taking care to protect the tonometer from damage by contact with other instruments.</p> <p><i>Gravity Cycle (unwrapped)</i>  Temperature: 270°F (132°C)  Time: 4 minutes min.  No Dry Time</p> <p><i>Pre-Vacuum Cycle (unwrapped)</i>  Temperature: 270°F (132°C) or Temperature: 273°F (134°C)  Time: 4 minutes min. or Time: 3 minutes min.  No Dry Time</p> <p><b>WARNING: REMOVE PROMPTLY, longer exposures will damage lens.</b> The intense heat for an extended time will cause the plastic to cloud. Reassemble before use. In the absence of the ring, a false reading will occur.</p> <p><b>Caution:</b> Use only distilled water in steam sterilizer. If not distilled, mineral deposits from hard water (steam) will leave a cloudy film on the lens. The deposit can only be removed by regrinding and re-polishing the lens and repair costs approximate that of a new lens.</p> <p><b>Caution:</b> Reassemble before use. In the absence of the ring, a false reading will occur.</p> <p><b>STERRAD</b></p> <p><b>NO</b></p> <p><b>Steris SYSTEM 1E</b>  Follow Steris instructions</p> <p><b>3M™ Optreoz™ 125-Z Low Temperature Sterilization System – Cycle 1<sup>1</sup></b>  Follow 3M™ Optreoz™ 125-Z Low Temperature Sterilization System instructions.</p> <p><b>Notes:</b>  1. Colored aluminum will fade to a natural aluminum color within 25 cycles.</p> <p>For information on compatibility with alternative product care methods, contact Customer Service.</p>
<b>Storage:</b>	Ensure devices are cleaned, disinfected and dry before storage. Store in a clean and dry room temperature environment.

<b>Additional Information:</b>	<p>Other forms of cleaning and sterilization equipment are available. Please consult instructions of the processing equipment or the manufacturer for compatibility claims. All cleaning and sterilization processes require validation at the point of use.</p> <p><b>Note:</b> These lenses are known to be compatible with Glutaraldehyde (2% or 3.4%), BLEACH (10% solution mixed at: 1 part bleach to 9 parts cool or tepid water, recommended exposure time = 10 minutes), Medical disinfectant wipes (Asepti-Wipe II, Cavicide, DisCide Ultra, Envirocide, and Opti-Cide-3) and Medical disinfectant solutions such as Cidex and Cidex OPA. Also compatible with H<sub>2</sub>O<sub>2</sub>-3%.</p>
<b>Manufacturer contact:</b>	See brochure for telephone number and address of local representative.

The instructions contained herein have been validated as being CAPABLE of preparing a medical device for re-use. It remains the responsibility of the processor to ensure that the reprocessing as actually performed using equipment, material and personnel in the reprocessing facility achieve the desired result. This normally requires validation and routine monitoring of the process.