





OCULAR INSTRUMENTS
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PRODUCT CARE INSTRUCTIONS: CLEANING METHOD 4

DEVICE(S): ALL Ocular Tonometers.

WARNINGS	 Read all instructions before use. Follow instructions and warnings as issued by manufacturers of any decontaminants, and cleaning agents used. Wherever possible avoid the use of abrasive materials for cleaning and drying. Incorrect handling and care or misuse can lead to premature wear of these devices. Inspect these devices carefully for damage, cracks or malfunctions before each use. Do not use damaged devices. Each device requires cleaning and sterilization before its first use and any subsequent use. Ensure cleaning solutions fully contact all device surfaces. Sterilize all devices before surgery. Never soak in Acetone or Other Solvents. Reassemble after reprocessing but before use. In the absence of the O-ring, a false reading will occur. Any serious incident that has occurred in relation to the device should be reported to the manufacturer and the competent authority of the Member State in which the user and/or patient is established.
Limitations on reprocessing	Tonometers have a lifetime of 5 years. After a period of 2 years of purchase, check for the following: 1. Any visual damage 2. Easy gliding and turning without any resistance 3. No complete rip of the white 'O' type joint ring 4. Scratches on applanation (contact surface) 5. Complete visibility of engraved white ring on the applanation (contact) surface Contact customer service for any such concern. Note: Cosmetic changes such as slight discoloration and rings from water spotting can occur even with the shorter steam autoclave cycles that we recommend. These cosmetic issues do not affect the function of the Tonometer.

INSTRUCTIONS	
Point of Use:	Rinse: Immediately upon removal from patient's eye, thoroughly rinse in cool or tepid water.
Preparation for decontamination:	Reprocess all devices as soon as reasonably practical following use. See specific Product Sheets for disassembly/reassembly instructions.
Cleaning: Automated	Not recommended.
Cleaning: Manual	 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 until all soil has been removed. Thoroughly rinse lens in cool or tepid high purity water (at least 100 milliliters) for 1 minute. Carefully dry with a <i>non-linting</i> tissue or hospital grade compressed air. Visually inspect all surfaces, crevices, joints, and holes for complete removal of soil and fluid. If any soil or fluid is visible, then repeat cleaning. Caution: 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.
Disinfection: Automated	Not recommended.
Disinfection:	Not recommended. Sterilization is the preferred method prior to use.
Drying:	Dry devices carefully with lint free tissues or hospital grade compressed air and place in a dry storage case.
Maintenance, Inspection and Testing:	 Inspect for visible contaminants or debris before each use. Repeat cleaning procedure if contaminants or debris are visible. Inspect these devices carefully for damage, cracks or malfunctions before each use. Do not use damaged devices. See specific Product Sheets for disassembly/reassembly instructions. No maintenance required.
Packaging:	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.

STEAM AUTOCLAVE Place all three parts in a tray taking care to protect the tonometer from damage by contact with other instruments. Note: Force from contact with tray, lid or other devices will damage the lens and void warranty. Pre-Vacuum Cycle (wrapped/unwrapped) 270°F (132°C) 273°F (134°C) Temperature: Temperature: Time: 4 minutes Time: 3 minutes or Dry Time: 20 minutes Dry Time: 20 minutes Gravity Cycle (unwrapped) 270°F (132°C) Temperature: Time: 4 minutes min. No Dry Time WARNING: REMOVE PROMPTLY, longer exposures will damage lens. 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 Note: Use of distilled water in steam sterilizer is recommended. If not distilled, mineral deposits from hard water (steam) could leave a cloudy film on the lens. The deposits can only be removed by regrinding and re-polishing the lens and repair costs approximate that of a new lens. **EO** (ethylene oxide) Sterilization: Minimum Time: 1 hour Temperature: 130°F (54°C) Aerations Time: 12 Hours Concentration: 600mg/L Humidity: 100% Steris SYSTEM 1E Follow Steris Instructions STERIZONE® VP4 Sterilizer Low Temperature Sterilization System – Cycle 1 (See note 1) Follow STERIZONE® VP4 Sterilizer Low Temperature Sterilization System instructions. These devices are not compatible with the following: - STERRAD (See notes 1&2) - STERIS V-Pro Models (See notes 1&2) Notes: Colored aluminum will fade to a natural aluminum color within 25 cycles. Devices will have limited life after 10 cycles. For information on compatibility with alternative product care methods, contact Customer Service. Ensure devices are cleaned, sterile, and dry before storage. Store in a clean and dry room temperature environment that **Storage:** provides protection from loss of sterility. Medical Device Rx Only Prescription only - device restricted to use by or on the order of a physician **Explanation of Symbols:** CAT Part Number Note: 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; Bleach is corrosive to metals, to avoid corrosion do not exceed recommended exposure times), Medical disinfectant wipes (e.g. Asepti-Wipe II, Cavicide, DisCide Ultra, Envirocide, Tristel Wipes System and Opti-Cide-3) and Medical disinfectant solutions such as Cidex OPA. **Additional Information:** 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 manufacturers recommended concentrations and contact durations. Ensure that disinfectant solution makes complete contact with all device surfaces.

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.

compatibility claims. All cleaning and sterilization processes require validation at the point of use.

Manufacturer contact:

Other forms of cleaning and sterilization equipment are available. Please consult instructions of the processing equipment or the manufacturer for

See brochure for telephone number and address of local representative. Cleaning methods are also available on