



## Optical Telescopes - Instructions for Cleaning and Sterilization

The following procedures apply to Optical Telescopes

---

**Note:** All instruments are non-sterile.

**Caution:** DO NOT CLEAN TELESCOPES IN AN ULTRASONIC BATH

### Manual Cleaning

- Wipe the exterior of the telescope with soft cloth, sponge or a cotton cloth applicator using a neutral pH (pH6.0 to 8.0) enzymatic cleaning solution (e.g. Enzol, Metrizyme) and distilled water to remove any debris.
- Clean the lenses and fiber optic post with alcohol wipes with 70% alcohol or sterile cotton tip applicators with 70% alcohol to remove any residue or film
- Triple rinse all telescopes with distilled water for one (1) minute each rinse. Discard rinse after each rinse cycle. Thorough rinsing of the telescope is necessary for removing any debris or detergent which could interfere with sterilization. Cleaning pistols are useful for rinsing.
- Dry the telescope with a lint-free soft cloth and / or filtered compressed air.

## STEAM PRE-VACUUM

- Double wrap telescope individually in CSR hospital blue wrap utilizing the sequential square fold wrapping method and secure with chemical indicator tape.
- Apply label to each wrapped telescope. Label should include content and weight.
- Laboratory Technicians should wear proper sterility attire, including sterile gloves, hair covers, surgical masks, and gowns before proceeding with the sterilization.

Temperature	132°C (270°F)
Exposure Time	4.0 Minutes
Drying Time	30 minutes

## STORAGE

Storage Temperature:              minimum: 10°C (50°F)  
   maximum: 50°C (122°F)