



Laser Engineering CO2 Handpiece Delivery System
125 mm Handpiece

The components should be separated, where applicable.

DO NOT FLASH LENS CELL

Sterilization Procedure

CYCLE:	PRE-VAC	PRE-VAC
TEMPERATURE:	270° F (132° C)	273° F (134° C)
MINIMUM STERILIZATION TIME:	4 Minutes	3 Minutes
MINIMUM DRYING TIME:	30 Minutes	8 Minutes

The following is the ETO sterilization parameters:

100% ETO envirosystem from Steris
Temp 130
Sterilize 1 hour
Aerate 12 hours

The following is the steam sterilization instructions:

Prepare for Processing:

1. Remove hand piece lens and lens holder assembly from hand-piece lumen.
2. Separate hand-piece lumen and hand-piece tip.

Cleaning and Disinfection:

1. Lens with lens assembly should be optically cleaned by facility Biomedical or MLSO using alcohol and non scratch lens paper and optical surface cleaning technique.
2. The separated hand-piece lumen and tip should be decontaminated and cleaned.

Hand piece Barrel and Tip:

1. Soak in an enzymatic cleaner



2. Run through a washer/ disinfectant
3. Both

Sterilization:

1. Note: Do not expose lens or lens assembly to fluid soaks or sterilization processes. This assembly does not come into contact with the patient, however, the entire lens assembly may be cold gas sterilized if necessary.
2. Hand-piece lumen and tip:
 - Steam sterilize using a prevacuum cycle for 4 minutes at a minimum temperature of 132°C (270°F).
 - Drying times will vary according to load size and should be increased for larger loads.
 - Note: Where there is a concern about TSE/v CJD contamination, the World Health Organization recommends processing through a prevacuum steam sterilization cycle for 18 minutes at 134°C (273°F). (WHO/CDS/CSR/APH/ 2000.3, "WHO Infection Control Guidelines for TSE," March 1999).

Lens cell and lens **cannot** be immersed or steam sterilized. They can be gas sterilized or wiped down with denatured alcohol or spectroscopic acetone. The entire lens assembly may be cold gas sterilized if necessary. The lens should be cleaned with a cotton tip applicator with methyl alcohol or spectroscopic acetone applying either to the swab then brushing the optic.

The optic should be checked for debris or occlusions before each procedure.

Special Note:

STERRAD Sterilization Systems cannot be used to sterilize any item made out of Aluminum. (which our handpiece is made of) This metal counteracts the hydrogen peroxide, the active agent for the STERRAD system, and makes it ineffective.