

125mm Handpiece Instructions For Use



The components should be separated, where applicable for cleaning.

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 cleaning and steam sterilization instructions:

Prepare for Processing:

1. Remove handpiece lens and lens holder assembly from handpiece center barrel tube.
2. Separate handpiece center barrel tube and handpiece focusing 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 handpiece center barrel tube and focusing 125mm tip should be decontaminated and cleaned, immediately after use, of charred tissue, blood, or debris. Ultrasonic Cleaning with non-corrosive solution is recommended.

Handpiece Barrel and Tip:

1. Soak in an enzymatic cleaner with neutral ph
2. Run through normal washer cycle



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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. Handpiece lumen and tip:
 - o Steam sterilize using a prevacuum cycle for 4 mins at a minimum temperature of 132°C (270°F).
 - o Drying times will vary according to load size and should be increased for larger loads.

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.

Intended Use

The Laser Engineering 125mm Handpiece is intended to be used with all articulating arm CO2 lasers. It is a surgical tool used primarily for tissue incision, coagulation, ablation.

Warnings:

1. Always test fire the CO2 Laser (with handpiece attached to the articulating arm) prior to the procedure.
2. Never use if the CO2 beam does not strike the same spot as the HeNe, diode target beam

Instructions for Use

1. Remove Red dust cover from proximal end of handpiece. Thread the handpiece onto the articulating arm of CO2 Laser. Use a thread adaptor if required.
2. Attach the positive airflow tube to the port on the handpiece. Use standard 3mm ID/6-9mm OD tubing
3. Activate the CO2 Laser and place a moist tongue blade against the spacer tip or the handpiece. Set the Laser power to the desired level and make several test burns. Ensure beam is aligned with the HeNe/ Diode target beam.