

Caring for your Autoclave/Sterilizer and Instruments

DAILY

- 1) It is very important that the contents being sterilized are clean and free from debris, blood and organic tissue. Otherwise, damage may result to the instruments or sterilizer. We strongly recommend using an **ultrasonic cleaner** to help with the cleaning process.
- 2) Inspect door gasket for excessive wear or cracking. The gasket and mating surface should be cleaned with a mild detergent such as **Spray Nine™** or **Fantastik™** using a cloth or sponge.
- 3) When running a sterilization cycle it is very important not overload sterilizer trays. Overloading will cause inadequate sterilization and drying.
- 4) Always be sure to use a **Class 5 Chemical Integrator Test Strips** with every cycle for immediate reassurance that the correct parameters have been met to achieve sterilization.

WEEKLY

- 1) Keeping your autoclave clean is one of the most important points. Be sure clean the trays and rack with a **Non-Scratch Scour Pad** using a mild non-abrasive detergent such as **Bon Ami™**. Always rinse well. Also be sure NOT TO USE steel wool, wire brush, or bleach.
- 2) Completely drain the water from reservoir and replenish with fresh **distilled water**.
- 3) It is strongly recommended to perform a **biological live spore test** weekly or at least monthly ensure sterilization.

MONTHLY

- 1) Clean chamber and flush lines using the recommended **autoclave cleaner**. Follow the directions included with the autoclave cleaner. Normally you will need 2 gallons of **distilled water** to complete this job.
- 2) Inspect cord and plug for overheated or worn condition – this could be a fire hazard. If this is the case the power cord should be replaced. Some **power cords** are quick disconnect and easily replaced. If not, contact: **Duraline Systems Inc (877) 561-0500** for a service call.

YEARLY

On a yearly basis you should have your autoclave **inspected, cleaned thoroughly, tested and calibrated**. This is typically referred to as a **PM** or **Preventative Maintenance Service**. This service would normally include the replacement of wear & tear parts such as gaskets, seals and filters. This will ensure your sterilizer is running properly and remain in good working order. If your autoclave is used very heavily we would recommend this service bi-annually. Contact your sterilizer specialists: **Duraline Systems Inc (877) 561-0500** to schedule your PM Service.



COMPARISON OF STERILIZATION

Times and Temperatures

STERILIZER CYCLE	TEMPERATURE	PRESSURE	MINIMUM TIME
Steam Autoclave (unwrapped items)	250° F (121° C)	15 psi	15 min.
	270° F (132° C)	30 psi	3 min.
Steam Autoclave (lightly wrapped)	250° F (121° C)	15 psi	20 min.
	270° F (132° C)	30 psi	8 min.
Steam Autoclave (heavily wrapped)	250° F (121° C)	15 psi	25 min.
	270° F (132° C)	30 psi	10 min.





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BIOSYSTEMS INC

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