

OPERATING INSTRUCTIONS

MODELS 200 & 300

Read the entire instruction manual before installation or operation of the Steri-Dent Dry Heat Sterilizer.

WARNING: NEVER ATTEMPT TO PERFORM ANY ELECTRICAL TROUBLESHOOTING ADJUSTMENT(S) OR SERVICE(S) UNLESS YOU ARE A QUALIFIED ELECTRICIAN, ELECTRONICS TECHNICIAN OR FACTORY TRAINED SERVICE TECHNICIAN -
The protection provided by the equipment may be impaired if the Sterilizer is used in a manner not specified in this manual.

IMPORTANT SAFEGUARDS

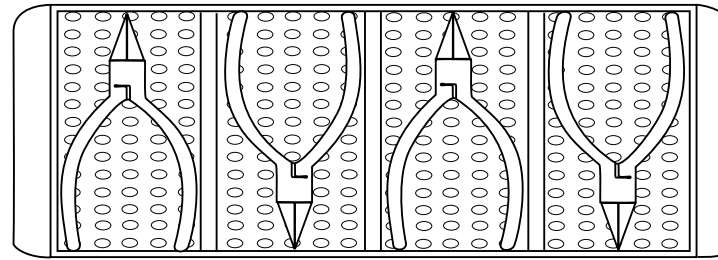
1. Read and understand all instructions.
2. Care must be taken to avoid injury or burns from touching hot parts.
3. Do not operate this unit with a damaged cord.
4. Do not operate this unit if it has been dropped or damaged until it has been examined by a qualified service technician.
5. Do not let power cord hang over edge of table or counter or touch hot surfaces.
6. An extension cord should not be used with this unit. The unit should be plugged directly into a power outlet. Only use a properly grounded fuse/breaker protected outlet (115V, 50/60 cycles or a 220/240V, 50 cycles). A separate circuit is recommended.
7. To protect against electrical shock hazard, do not immerse this appliance in water or other liquids.
8. To avoid electrical shock hazard, do not disassemble this appliance. No user serviceable parts inside. Call a qualified service technician when service or repair is required.
9. Do not lift unit by drawer handle. Hold securely by the bottom when lifting or moving unit.

SAVE THESE INSTRUCTIONS

STERILIZER PROCEDURE

Prepare all instruments for sterilization by using an ultrasonic cleaner, as recommended by the Centers for Disease Control (CDC). Thoroughly rinse the instruments and pat dry with a paper towel. The CDC recommends bagging the instruments prior to sterilizing.

*Sterilization bags specific to dry heat sterilization must be used.
Bags are available from Steri-Dent.*



Instruments should be placed in a single layer and distributed evenly on the sterilizer's trays. Instruments should not touch each other. Load instruments into sterilizer and pre-heat to temperature indicated in chart below. Run the sterilization cycle for the length of time indicated.

NOTE: Allow time for instruments to reach operating temperature before starting the time cycle.

TIME/TEMPERATURE CHART

Contents	Preparation	Temperature	Time
Metal instruments, surgical blades, etc	Thoroughly cleaned and spread out on trays.	320 Degrees F 160 Degrees C	60 minutes

MAXIMUM LOADING

Model 200 Sterilizer – 1.3 pounds per tray (includes the weight of the tray)

Model 300 Sterilizer – 1.4 pounds per tray (includes the weight of the tray)

SPORE TEST STRIPS

The Centers for Disease Control (CDC) recommends the sterilizer be tested weekly. For Dry Heat Sterilizers, use Bacillus Atrophaeus spore test strips.

POWER SOURCE

Standard units operate on 115 VAC electrical power. Other voltages are available upon request. Voltage rating is printed on the nameplate located near power cord.

Model 200 Power Rating – 500 Watts

Model 300 Power Rating – 735 Watts

Steri-Dent Dry Heat Sterilizers* are intended for indoor use in hospitals and dental, orthodontic and health care facilities. They come equipped with a mechanical automatic timer, bi-metal thermostat, and thermometer.

MECHANICAL AUTOMATIC TIMER

The timer serves as the ON/OFF switch for the sterilizer. To activate the timer and turn the sterilizer on, turn the knob clockwise (right) past the number "10". The timer can then be set for the desired time as indicated on the calibrated scale dial.

To set the timer for continuous operation or "warm up", turn the knob counter clockwise (left) to the "HOLD" position. **CAUTION:** The sterilizer will remain on until it has been manually turned off or set for a timed sterilization cycle.

THERMOMETER & THERMOSTAT

The bi-metal thermostat is used to adjust the temperature of the sterilizer. The glass thermometer on the front of the unit indicates the sterilizer's chamber temperature.

*Steri-Dent sterilizers are non-patient care equipment.

STERILIZER SET UP (First time only)

Before using the sterilizer for the FIRST time, it is necessary to establish a thermostat setting that will maintain the selected temperature. For 320 Degrees F (160 Degrees C) set the number "7" on the thermostat dial to match and line up with the marking dot on the side of the sterilizer. Set the timer to "HOLD" position.

After approximately 45 minutes for the Model 200 and 300, check the thermometer temperature. The thermometer temperature should be between 320 Degrees F (160 Degrees C) and 330 Degrees F (165 Degrees C). If not, adjust the dial. Decreasing the dial setting will lower the temperature setting. Temperatures may vary during the heat-up period.

PILOT LIGHTS

The sterilizer has two (2) pilot lights. The left light will be on as long as the time switch is in the "ON" position. The right light is on only while the heating elements are operating and heating the sterilization chamber.

REPLACEMENT FUSES

Models 200 & 300: Slow Blow type, rated 10A, 250V

Models 200 & 300 (230V): Slow Blow type, rated 5A, 250V

The fuse is located on the right side of the unit, next to the power cord.

CLEANING AND MAINTENANCE

Clean the inside and outside of the sterilizer with a stainless steel cleaner at least once a month. We recommend Cleaning Kit #201009. When cleaning the inside of the chamber, spray cleaner on cloth first and avoid contact with heating elements. Use a wet cloth to wipe away any cleaner residue and then follow with a dry cloth to wipe dry. Replace the inner door gasket once a year, or sooner if it becomes loose. Order gasket # 201108 for Model 200 or #301108 for Model 300. Replace the thermostat if the temperature control becomes erratic or every 3 years. Order part #201032 for Model 200 or part #301032 for Model 300.

ENVIRONMENTAL CONDITIONS

The Steri-Dent sterilizer is designed for indoor use with the following conditions:

- Temperature Range of 5°C to 40°C (41°F to 104°F)
- Maximum Relative Humidity of 80% up to 31°C (88°F). Decreasing linearly to 50% at 40°C (104°F).
- Pollution Degree 2 applies in accordance with IEC 60364.
- Transient Over-voltage Category II applies.
- Supply voltage not to fluctuate more than 10% (+/-12V at 120V, +/-22V at 220V)
- Maximum altitude of 2000 m (6562 ft).

Steri-Dent sterilizers are the result of a design that has been in use for many years by dentists, hospitals, and the U.S. armed forces. This design has been refined and improved over the years to make it safe and simple to operate, easy to use, and low in cost to operate. It is user friendly and very reliable, but requires the operator to choose the proper loading, temperature and time settings to ensure complete sterilization.

To validate the Guarantee, the Sterilizer Registration Card must be completed and returned to Steri-Dent within (10) days of installation.

FDA 510(K) K771070



ETL LISTED
CONFORMS TO UL STD 61010-1
CERTIFIED TO
CSA STD C22.2 NO. 61010-1
CAN/CSA STD C22.2 NO 61010-2-040



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