

# STEP ONE SET-UP

**1. UNPACKING:** Discard any “Remove Before Use” labels and any underlying packing materials. **DO NOT APPLY POWER TO GENERATOR UNTIL ALL PACKING MATERIALS ARE REMOVED.** See “Remove Packing Materials” section for detailed information. Make sure the red plugs in the spouts of both the dispense container and the catholyte (waste) container are removed. Reinsert both containers into respective wells.



**2. CHANGE UPTAKE TUBES:** Change the uptake tubes to your dental unit water bottle with replacements provided by your distributor.

**NOTE:** Contact your Customer Service Representative immediately if you did not receive new uptake tubes.

**CAUTION:** Sterilox recommends the use of silicone, neoprene, or high-grade polyurethane tubing within the dental unit water lines. Sterilox has observed that low-grade polyurethane tubing within the dental unit water lines can degrade.

**3. APPLY POWER:** **1.** Attach power cord to back of unit; plug other end into an AC outlet. **2.** Press the On/Off switch to “1” or ON position; observe orange LOW level indicator lamp at reservoir status is illuminated. **NOTE:** Leave the generator ON at all times. Contact your Customer Service Representative if the orange LOW level indicator lamp fails to illuminate.



**4. FILLING:** **1.** Lift the funnel lid on top of the generator. **2.** Pour in the contents of one entire bottle of Sterilox Proprietary Electrolyte Solution. **3.** See orange LOW level indicator lamp change to green as unit fills. **NOTE:** Contact your Customer Service Representative if lamp does not change during fill up.



**5. INITIALIZATION:** **1.** Hold down the dispense panel firmly and dispense 200ml of Sterilox disinfectant solution into the dispense container; pour this down the drain. Replace the container. **2.** Empty the catholyte (waste) container. **Note:** This first 200ml dispensed will not be within specification.



**6. MAKING DISINFECTANT SOLUTION:** **1.** Hold down the dispense panel firmly until you have filled the dispense container with 500ml. **2.** Empty catholyte container (bottom container) after every dispense.



**7. STRIP TESTING:** **1.** Take the 500ml container of Sterilox disinfectant from the well of the generator. **2.** Test the available free chlorine according to the instructions on the bottle. **3.** An acceptable reading will be approximately 200 ppm.



# STEP TWO PURGING

**1. PRIMARY DISINFECTION:** Ensure that all hand pieces are removed prior to beginning primary disinfection of dental unit water lines. Empty the dental unit water bottle.



**2. MAKE DISINFECTANT SOLUTION:** Generate enough Sterilox disinfectant solution to allow for each dental unit water line and for each ultrasonic scaler line to be flushed with 250ml of disinfectant solution.



**3. STRIP TEST:** Strip test the disinfectant solution for potency. An acceptable reading will be approximately 200 ppm.



**4. FILL:** Fill your dental unit water bottle with disinfectant solution.



**5. FLUSH:** Flush each dental unit water line and each ultrasonic scaler line individually with approximately 250ml of Sterilox disinfectant solution. Refill the water bottle as needed for each 250ml flush. Make sure each line is full of solution and there is solution remaining in the bottle. Keep the disinfectant solution in the lines for 4 hours.



**6. AIR PURGE:** After 4 hours, air purge dental unit water lines and ultrasonic scaler lines until all disinfectant solution is removed.

**7. SECONDARY DISINFECTION:** Fill the water bottle with disinfectant solution. Run a minimum of 200ml of disinfectant solution through each of the individual dental unit water lines and each individual scaler line. Air purge all dental unit water lines and each individual scaler line until the disinfectant solution is removed. **Fill the water bottle with maintenance solution (directions below) and flush 200ml through each individual line.**

**DAILY MAINTENANCE SOLUTION:** Daily maintenance solution is a small volume of Sterilox disinfectant solution mixed with water. This is for use every time you refill your dental unit water bottles. **NOTE:** Maintenance solution not used within 48 hours should be discarded and a new solution should be made.

Water Bottle Capacity	Water To Bottle	Added Sterilox Solution
750ml	735ml	15ml
1000ml	980ml	20ml
1500ml	1470ml	30ml
2000ml	1960ml	40ml

STEP THREE  
DAILY  
OPERATION &  
MAINTENANCE

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**DAILY CHECK:** Use the following 3-step daily check before starting your daily protocol.

1. Check green OK lamp is lit.  
**NOTE:** If the orange LOW level indicator lamp is illuminated, fill the generator with one full (4 liter) container of Sterilox Proprietary Electrolyte Solution.
2. Check Dispense Container and catholyte container Waste Cup are empty and in their proper place.
3. Test strips available for testing disinfectant integrity.



**Daily Operation:**

1. Press and hold down the dispense panel until the Sterilox disinfectant solution fluid level reaches 500ml on the dispense container.
2. Once 500ml is reached, immediately release the dispense panel.
3. Empty solution from the waste container into a sink.
4. Strip test the disinfectant solution for potency. An acceptable reading will be approximately 200 ppm.
5. Repeat process as often as necessary to obtain sufficient Sterilox disinfectant solution for daily protocol per chart below.
6. Excess disinfectant solution can be refrigerated in a sealed glass or plastic container for up to 48 hours. The solution should be tested for proper potency. An acceptable reading should be approximately 200 ppm. If the solution is not within specifications, then dispose.

Water Bottle Capacity	Water To Bottle	Added Sterilox Solution
750ml	735ml	15ml
1000ml	980ml	20ml
1500ml	1470ml	30ml
2000ml	1960ml	40ml

STEP FOUR  
TROUBLE-  
SHOOTING

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**TROUBLESHOOTING**

**Problem**

**Remedy**

If you are missing a part, or it is cracked or broken

Call your Customer Service Representative.

If the unit fails to illuminate either lamp on the front panel

Check fuses. If fuses are O.K. call your Customer Service Representative.

If you are out of Sterilox Proprietary Electrolyte Solution

Call your Customer Service Representative. The use of any solution other than Sterilox Proprietary Electrolyte solution will not produce a disinfectant solution within specification, and will void the warranty.

If Sterilox or catholyte leaks into wells

Dry out well(s) with absorbent paper towel. Make sure containers are completely seated in wells before dispensing. Do not exceed 500ml of Sterilox solution per dispense. Check to make sure the PTFE sleeve on the catholyte dispensing spout is fully seated.

If (when starting with an empty catholyte Waste Cup) the catholyte container overflows during one 500ml dispense

Call your Customer Service Representative.

The chlorine strip is not within the specified AFC reading

Dispose of the solution in the container and redispense at least 500ml of fresh Sterilox solution. Retest.

If problem persists, call your Customer Service Representative.