



# EZ Autoclave Instructions on:

“Daily and Weekly  
Cleaning and Maintenance”

*(EZ10, EZ10K, and EZ9)*



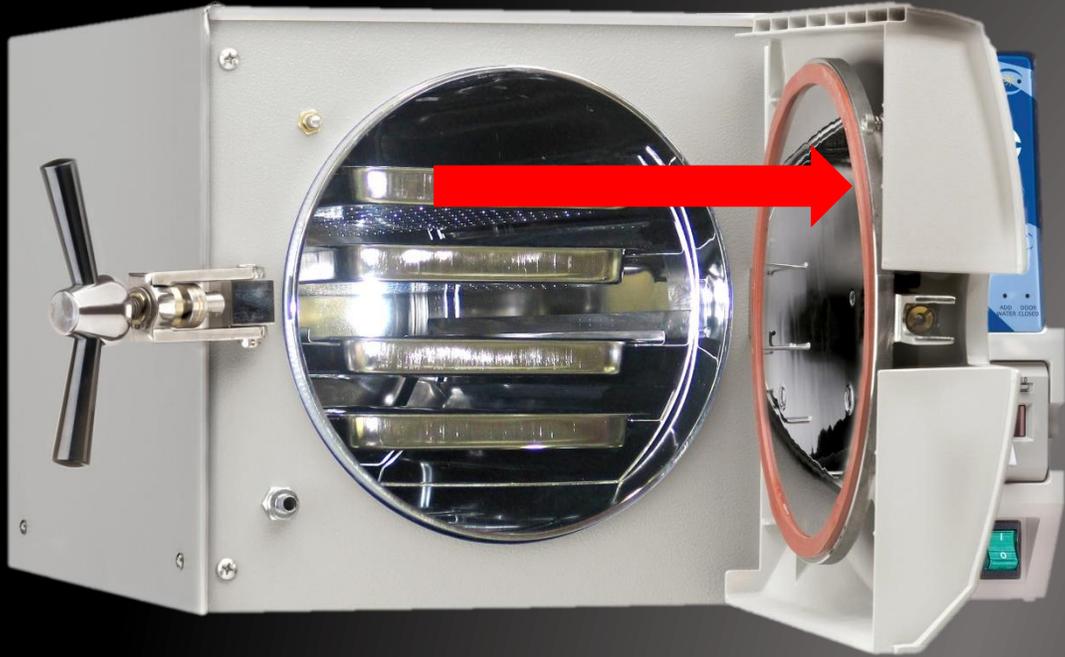
  
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# Why is cleaning important?

- Cleaning the autoclave chamber is a very simple, but important procedure to keep your sterilizer operating properly.
- If the autoclave is not cleaned regularly, dirt and debris will build up and clog the tubing and valves.
- This dirt can also be transmitted to the instruments during sterilization.
- In addition, a layer of dirt on the stainless steel chamber traps moisture against the metal and will lead to the chamber becoming porous and failing.



# Daily Cleaning



## Clean the Door Gasket

- Clean the door gasket with a mild detergent, soft cloth or sponge
- The gasket should be clean and smooth



# Weekly Cleaning: Clean the air jet:

**A dirty Air Jet is the number one cause of failed spore tests.**

The elimination of air from the sterilization chamber during heat up is critical to the proper operation of the autoclave. Failure of the air removal system will be responsible for incomplete sterilization, indicator strips that do not turn, failed spore tests and aborted sterilization cycles. It is required that the air jet be cleaned once per week or more often if necessary, to remove any accumulated dirt and debris.

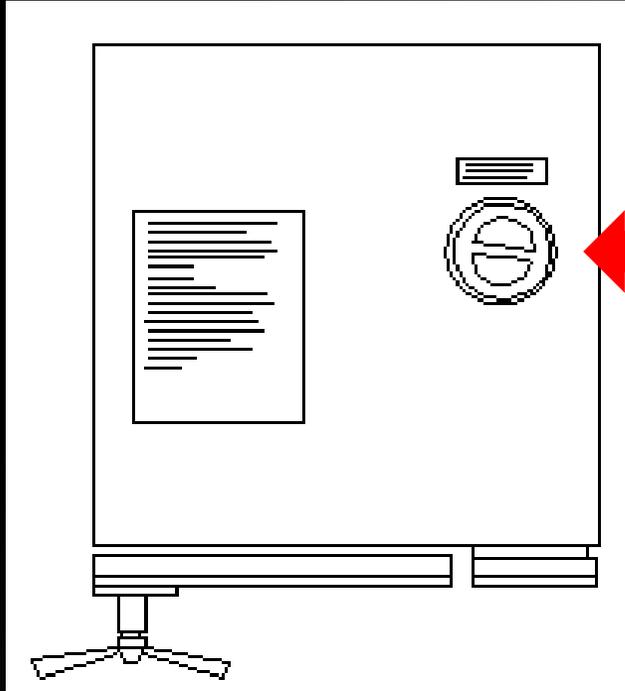


# Weekly Cleaning: Cleaning the air jet continued:

Cleaning the Air Jet is a fairly simple process. The Air Jet is located in the water reservoir. The only tool you will need is a pencil, or a pen, or a screwdriver and only takes a minute to complete.



# Weekly Cleaning: Cleaning the air jet continued:

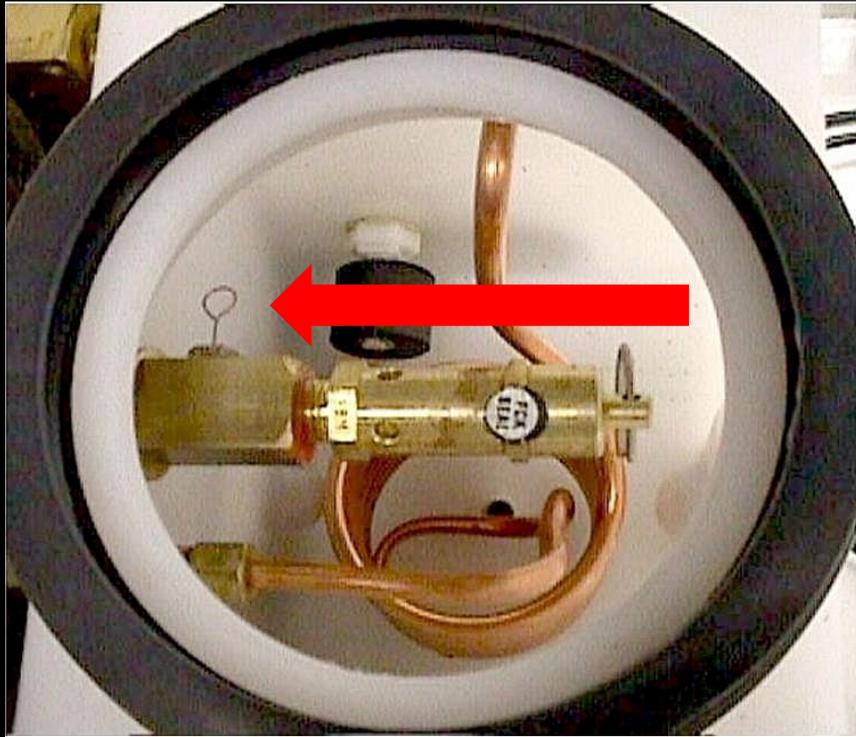


**Step 1**  
Remove the Water  
Reservoir Cover

**Top View of Autoclave**



# Weekly Cleaning: Cleaning the air jet continued:

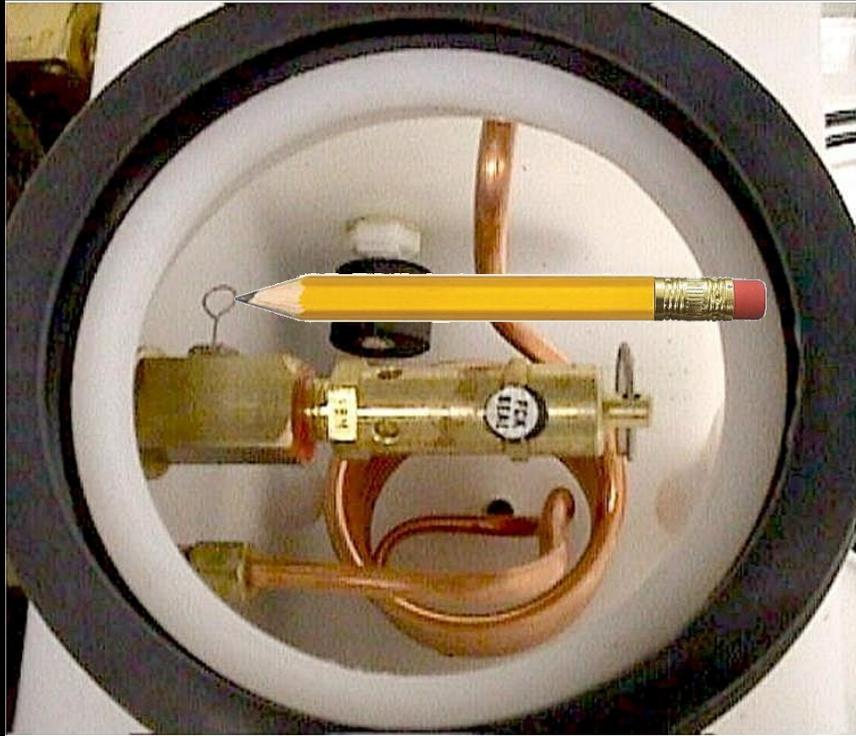


## Step 2

Locate the Air Jet. The Air Jet consists of a small orifice with a clean out wire inserted in it (wire is permanently installed and will not come out).

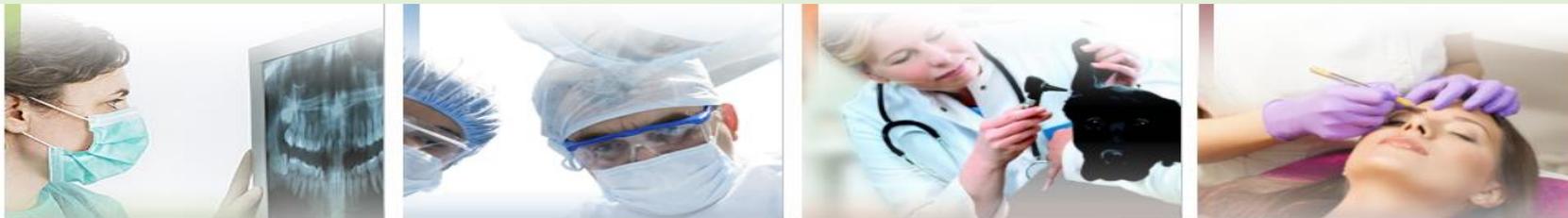


# Weekly Cleaning: Cleaning the air jet continued:

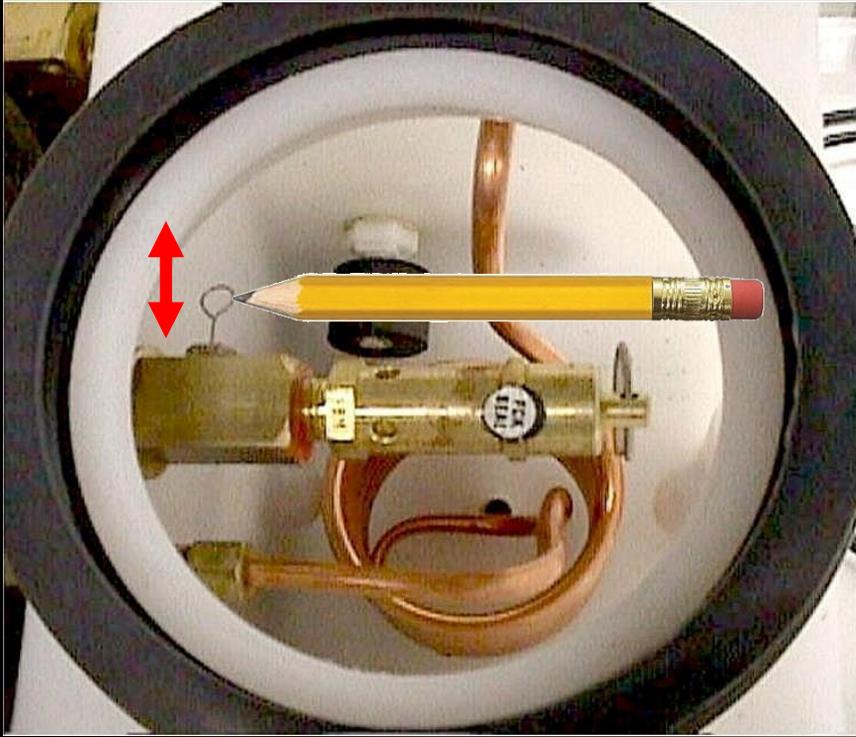


## Step 3

With an object similar to a pencil or screwdriver, snag the loop on the end of the clean out wire protruding from the Air Jet.



# Weekly Cleaning: Cleaning the air jet continued:

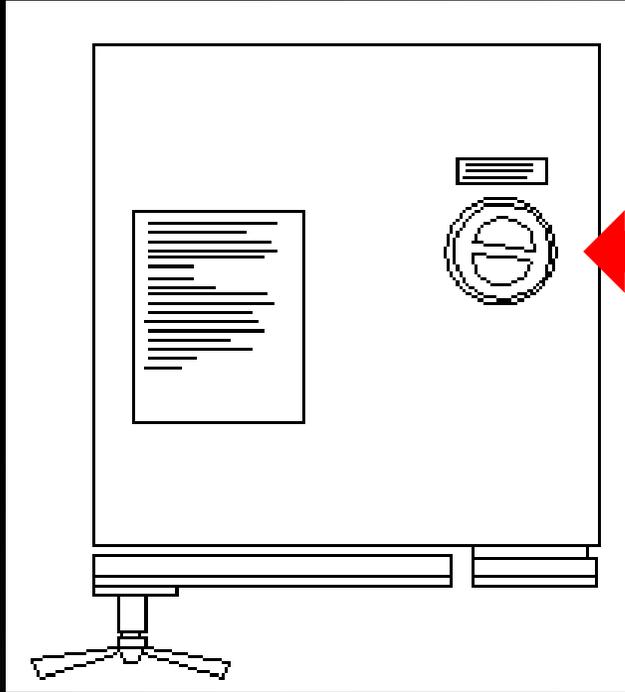


**Step 4**  
Move the ring on the Air Jet in and out 10 times.

Note: It is best cleaned while the unit is running (20-30 psi) so any loosened debris will be blown away, but this is not mandatory



# Weekly Cleaning: Cleaning the air jet continued:



Top View of Autoclave

**Step 5**  
Replace the Water  
Reservoir Cover.

The Air Jet is now  
clean



# Weekly Cleaning: Clean the water sensor:



Clean the water sensor in the rear of the chamber with a damp cloth or sponge.

*Cleaning the dirt off the sides of the sensor is more important than the tip*



# Weekly Cleaning: Cleaning the chamber:

## Items to have on hand



- Chamber Brite™
- Soft cloth or sponge
- Drain hose (*to drain water reservoir*)
- Pail (*to drain reservoir water into*)
- Gloves
- Non abrasive stainless steel cleaner (*for trays and tray rack*)
- Steam distilled water



# What is Chamber Brite™?

*Chamber Brite™ is a cleaning and descaling agent designed specifically for the cleaning and removal of water deposit oxides and other sediments that are found in steam sterilizers.*

- The material is a combination of acidic salts and additional cleaning materials.
- Chamber Brite™ is not for use in the Elara11 or any other pre/post vacuum autoclave.
- It is recommended that your autoclave be cleaned with Chamber Brite™ after every 20 cycles.



# Chamber Brite™ Instructions

*Important things to remember:*

- NEVER use bleach, steel wool, a steel brush or anything abrasive to scrub or clean the Chamber.
- Do NOT sterilize instruments during the chamber cleaning process.
- Before using Chamber Brite, the autoclave chamber MUST be cold. *If the chamber is hot, Chamber Brite will react and give off an odor.*
- All steps in this procedure must be completed without interruption.



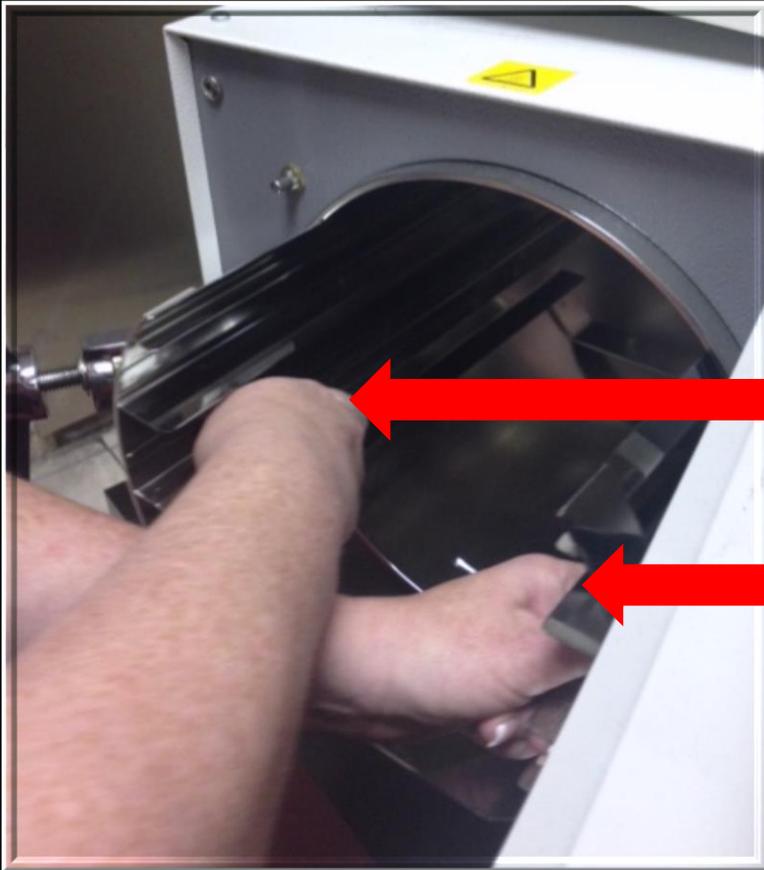
# Weekly Cleaning: Cleaning the chamber:



Step 1  
Remove all of the trays  
from the autoclave



# Weekly Cleaning: Cleaning the chamber continued:



## Step 2

Remove the tray rack from the autoclave

The tray rack is easily removed by squeezing it in on both sides while sliding it out of the autoclave



# Weekly Cleaning: Cleaning the chamber continued:



## Step 3

Open one packet of Chamber Brite and pour a line from the front to the rear along the bottom of the COLD Chamber.

Avoid leaving a pile of Chamber Brite in one spot.



# Weekly Cleaning: Cleaning the chamber continued:



Step 4  
Using the Unwrapped cycle, start a cleaning cycle **WITH WATER** but **NO DRYING**.



# Weekly Cleaning: Cleaning the chamber continued:



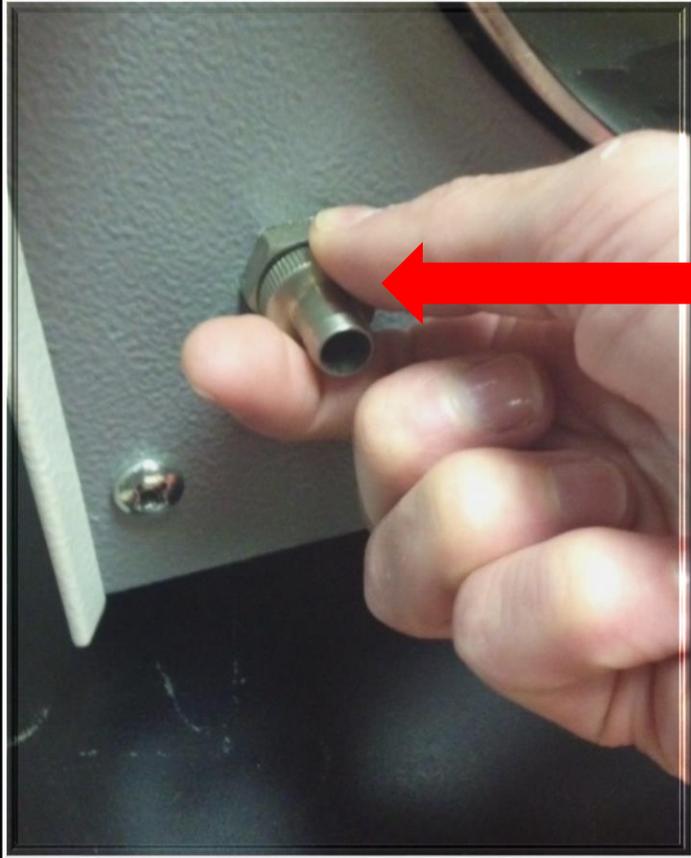
## Step 5

At the end of a cleaning cycle, open the chamber door and use the drain valve and drain hose to drain ALL of the water out of the water reservoir into a pail.

The Chamber Brite solution is in the waste water



# Weekly Cleaning: Cleaning the chamber continued:



Step 6  
Tighten the drain valve.



# Weekly Cleaning: Cleaning the chamber continued:



Step 7  
Refill the water reservoir  
with clean steam  
distilled water



# Weekly Cleaning: Cleaning the chamber continued:

## Step 8

Immediately run another cycle the same way as before, but this time WITHOUT the Chamber Brite. This will remove any residue from the internal plumbing.

To refresh, let's look at these steps again...

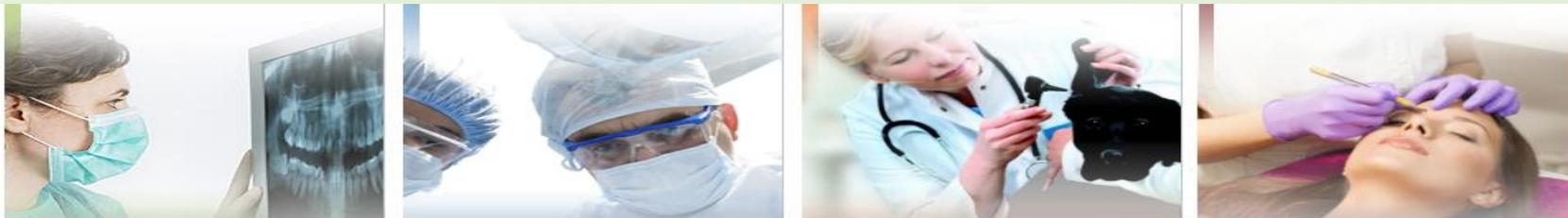


# Weekly Cleaning: Cleaning the chamber continued:



## Step 4

Using the Unwrapped cycle, start a cleaning cycle **WITH WATER** but **NO DRYING**.



# Weekly Cleaning: Cleaning the chamber continued:



## Step 5

At the end of a cleaning cycle, open the chamber door and use the drain valve and drain hose to drain ALL of the water out of the water reservoir into a pail.

Discard the water



# Weekly Cleaning: Cleaning the chamber continued:



Step 6  
Tighten the drain valve.



# Weekly Cleaning: Cleaning the chamber continued:



Step 7  
Refill the water reservoir  
with clean steam  
distilled water



# Weekly Cleaning: Cleaning the chamber continued:



Step 9  
Wipe the inside of  
chamber with a damp  
cloth or sponge



  
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# Weekly Cleaning: Cleaning the chamber continued:

The chamber has now been cleaned with Chamber Brite.

The final step is to clean the tray holder and trays before returning them to the chamber.



# Weekly Cleaning: Cleaning the chamber continued:

Clean the tray holder and trays with a non-abrasive stainless steel cleaner and water, using a soft cloth or sponge.

It's important to rinse the tray holder and trays immediately with water to avoid staining the metal. **DO NOT** use steel wool, a steel brush or bleach or any cleaning agent containing bleach as this can damage the chamber and trays.

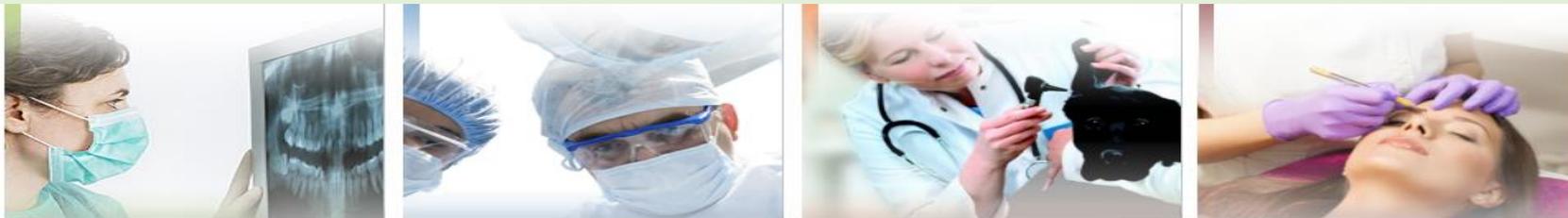


# Weekly Cleaning: Cleaning the chamber continued:



Once dry, return the trays and tray holder to the chamber.

The autoclave is now ready for use.



That concludes this demonstration of cleaning the chamber of a Tuttnauer EZ Autoclave with Chamber Brite. Remember, cleaning and maintenance are important to the proper functioning of your Tuttnauer autoclave.



It is recommended that your autoclave be cleaned with Chamber Brite™ after every 20 cycles. For a full list of Scheduled & Preventative Maintenance, refer to the Operators Manual.



  
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