



High Level Disinfection Process

The decision on the reprocessing method must be made in accordance with material compatibility, manufacturer’s recommendations, and national standard and guidelines. For thermostable equipment, sterilization should be preferred to disinfection.

Always consult the manufacturer’s instruction for use/manual for clarifications.

Step 1 – PRE-CLEANING post procedure
<ul style="list-style-type: none"> Follow Standard Precautions and wear gloves throughout the HLD process.
<ul style="list-style-type: none"> Use an approved EPA disposable wipe in accordance to the manufacturer’s recommended contact time.
<ul style="list-style-type: none"> Clean the probe using a disposable wipe to remove any contaminates.
<ul style="list-style-type: none"> Dry probe using a new lint-free wipe and ensure device has been thoroughly dried.
<ul style="list-style-type: none"> Check the probe carefully to guarantee no visible debris or defects are present before commencing the HLD process. <p>NOTE: Do not re-process probe if defective. Contact manufacturer for specific instructions about decontamination and potential device repair (if applicable).</p>
<ul style="list-style-type: none"> If applicable, transport probe in a leak-proof, puncture resistance container with a tight-fitting lid from procedure room to the HLD room. Make sure container has a visible biohazard tag to allow easy identification that the contents are contaminated and therefore hazardous.
Step 2 – Inserting Chemical Indicator
<ul style="list-style-type: none"> A whole Trophon chemical indicator must be used for each disinfection cycle and may only be used once.
Step 3 – Positioning the Probe
<ul style="list-style-type: none"> Continue to follow Standard Precautions and wear gloves throughout the HLD process. Insert one probe into the HLD device by gently pulling the probe cable against the two clamps that securely hold it in the chamber.
<ul style="list-style-type: none"> Ensure the probe is correctly positioned and not making contacting with any of the chamber’s wall. Probe must be positioned at or above the embossed line at the bottom of the chamber. <p>NOTE: Incorrect positioning of probe may result in an unsuccessful HLD cycle or residual disinfectant remaining on the probe’s surface causing potential skin irritation hazards.</p>
<ul style="list-style-type: none"> Carefully close the chamber door to the first click and do not force it shut. DO NOT force open or manually unlock the chamber door during a HLD cycle.
<ul style="list-style-type: none"> Enter or scan the required information prior to starting the HLD cycle. <p>NOTE: If mist is escaping from the chamber, avoid direct contact and remain at a distance from the device until completion of the operating cycle and mist no longer visible. Contact the customer service representative for further guidance.</p>
Step 4 – Removing the Probe
<ul style="list-style-type: none"> Without touching the chamber, use two hands to gently remove and wipe the probe with a dry, single-use, lint free cloth.
<ul style="list-style-type: none"> Visually inspect the probe and remove any present disinfectant residue.
Step 5 – Confirm the HLD Cycle
<ul style="list-style-type: none"> If the Trophon chemical indicator and/or the HLD device indicate a failed cycle, repeat the HLD process mentioned above.
<ul style="list-style-type: none"> If the HLD device indicates a passed cycle, the probe is now ready for use or storage.



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Step 6 – Storage

- Store the probe in a clean, single-use, approved medical instrument storage solution cover.
- Once probe is stored, discard gloves and perform hand hygiene.

Step 7 – Documentation

- Log probe and HLD recommended steps as per the manufacturer's IFU as appropriate.

Additional Notes

- Always follow manufacturer's instructions for all devices and/or solutions.
- Do not mix other cleaning or disinfecting products together.