

Guidelines for Cleaning, Disinfecting
and Sterilizing Medela Healthcare Products

REPROCESSING GUIDE

7 Point of use

7.1 Materials and equipment

- Personal Protective Equipment (PPE: disposable gloves, proper protective gear).
- Lint free nonwoven wipes.
- Sterile cold water (< 40 °C, < 104 °F).

7.2 Disassembly procedure

- Disinfect your hands.
- Put on disposable gloves and proper protective gear.
- Disassemble if possible.



Housing suction pumps: remove Safety Set as shown.
Suction pumps in general: Remove all accessories if attached.

7.3 Initial manual cleaning procedure

- Directly after use (within a maximum of 2 hours post-procedurally) wipe the surfaces to remove all gross debris by using a lint free nonwoven wipe wetted with sterile cold water (< 40 °C, < 104 °F).
- Ensure that all surfaces are thoroughly wetted.
- Wipe again using another wipe and keep moist for a minimum of 5 minutes then repeat it with another wipe.
- Dispose of protective gloves.
- Disinfect your hands.

7.4 Cautions

- Before cleaning electrical devices, disconnect the power plug from the power socket.
- Clean all surfaces immediately after use (maximum 2 hours post-procedurally) to avoid residues from drying and to prevent growth of microorganisms.
- Never use steel brushes or steel wool for cleaning.
- Water temperatures higher than 45 °C (113 °F) can cause protein coagulation which may affect the efficacy of the process.
- Never place the device in water or other liquids.

8 Thorough cleaning

8.1 Materials and equipment

- Personal Protective Equipment (PPE: disposable gloves, proper protective gear).
- Lint free nonwoven wipes wetted with an enzymatic detergent.
- Sterile cold water (< 40 °C, < 104 °F).

8.2 Thorough manual cleaning procedure

- Disinfect your hands.
- Put on disposable gloves and proper protective equipment.
- Use the wipes wetted with an enzymatic detergent according to the manufacturer's instructions for use.
- Ensure that all surfaces are thoroughly wetted.
- Check surfaces for visible dirt and repeat these steps if necessary.
- At the end use a wipe wetted with sterile cold water (< 40 °C, < 104 °F) to wipe surfaces. Repeat these steps if necessary.

8.3 Procedure drying

- Allow surfaces to dry after thorough manual cleaning before use.
- Dispose of protective gloves.
- Disinfect your hands.

8.4 Cautions

- Before cleaning electrical devices, disconnect the power plug from the power socket.
- Never use steel brushes or steel wool for cleaning.
- Water temperatures higher than 45 °C (113 °F) can cause protein coagulation which may affect the efficacy of the process.
- Never place the device in water or other liquids.

9 Intermediate level disinfection

9.1 Materials and equipment

- Personal Protective Equipment (PPE: disposable gloves, proper protective gear).
- Disinfecting wipes.

9.2 Manual disinfection

- Disinfect your hands.
- Put on disposable gloves and proper protective equipment.
- Use disinfecting wipes according to the manufacturer's instructions for use.
- After 5 minutes wipe with another disinfecting wipe.

9.3 Drying

- Allow the surface to dry for a minimum of 5 minutes.
- Dispose of protective gloves.
- Disinfect your hands.

9.4 Caution

- Never place the device in water or other liquids.

9.5 Recommended agent:

- CaviWipes®
Metrex® Research
Address: 1717 West Collins Avenue, Orange, CA 92867, U.S.A.
Homepage: <http://www.metrex.com>
Phone: (800) 841 1428
Email: metrexcustcare@sybrondental.com
- Mikrozyd® AF Wipes
Schülke&Mayr GmbH
Address: Robert-Koch Str. 2, 22851 Norderstedt, GERMANY
Homepage: <http://www.schuelke.com>
Phone: +49 (0) 40 521 00 0
Email: info@schuelke.com

13 Point of use

13.1 Materials and equipment

- Personal Protective Equipment (PPE: disposable gloves, proper protective gear)
- Sterile cold water (< 40 °C, < 104 °F)

13.2 Procedure disassembly

- Disinfect your hands.
- Put on disposable gloves and proper protective equipment.
- PC jars:
 - When used with the disposable liners from Medela: remove liners according to suction pump's instructions for use, chapter 10
 - Remove jar from clamp holder
- Quiver:
 - Remove from holder

13.3 Initial cleaning with rinsing water

- Remove gross debris.
- Rinse all parts with sterile cold, running water (< 40 °C, < 104 °F) for 3 minutes.
- Dispose of protective gloves.
- Disinfect your hands.

13.4 Cautions

- Clean all parts immediately after use (maximum 2 hours postoperatively) to avoid drying of residues and to prevent growth of microorganisms.
- Never use steel brushes or steel wool for cleaning.
- Water temperatures higher than 45 °C (113 °F) can cause protein coagulation which may affect the efficacy of the process.

14 Thorough cleaning and thermal disinfection

14.1 Materials and equipment

- Disposable gloves

14.2 Automated cleaning and disinfection with washer disinfectant

- Disinfect your hands.
- Put on disposable gloves.
- Load items into the washer disinfectant.
- Choose the washer disinfectant washing cycle.
- Operate the washer disinfectant.

- On completion, unload the washer disinfecter.
- Visually check for remaining soil and dryness. If soil remains, repeat the procedure cleaning and disinfection with washer disinfecter.
- Remaining wetness may be removed with medical grade compressed air or by heating in an oven below 110 °C (230 °F).

14.3 Washer disinfecter cycle information

Pre-wash	1l water, temperature 10°C, time 1 minute
Cleaning	1l water, temperature 40°C, time 3 minutes, dosage 0.3% neodisher® FA
Neutralization	1l water, temperature 60°C, time 2 minutes, dosage 0.1% neodisher® Z
Intermediate rinse	1l water, temperature 10°C, time 1 minute
Disinfection	1l water, temperature 93°C, time 5 minutes
Drying	temperature 50°C, time 17 minutes

14.4 Inspection procedure

- Check the parts visually for damage and throw away at first signs of damage or weakness.
- Dispose of protective gloves.
- Disinfect your hands.

14.5 Cautions

- Water temperatures higher than 45 °C (113 °F) during the cleaning cycle can cause protein coagulation which may affect the efficacy of the process.
- Avoid contact between items (movement during washing could cause damage).
- Arrange items so that channels and openings are always oriented downwards
- Please follow instructions for use of manufacturer:
 - for washing disinfecter and
 - for detergents and disinfectants
- If available, attach tubing to nozzles in washer disinfecter.

14.6 Recommended agents for thorough cleaning and thermal disinfection:

- neodisher® FA as the Liquid Detergent and neodisher® Z as the Liquid Neutralizing Agent
Miele, Inc.

Address: 9 Independence Way, Princeton, NJ 08540, U.S.A.

Homepage: <http://www.miele.us>

Phone: (800) 991 9380

Email: proinfo@mieleusa.com

- neodisher® FA as the Liquid Detergent and neodisher® Z as the Liquid Neutralizing Agent
Chemische Fabrik Dr. Weigert GmbH & Co. KG
Mühlenhagen 85, D-20539 Hamburg, GERMANY
Homepage: <http://www.drweigert.com>

15 Storage

15.1 Reassembly procedure and storage

- Where appropriate, the cleaned, disinfected and checked medical products should be prepared for Re-Use.
- Sufficient protection of the medical products must be provided in order to keep medical products dry and dust free.

15.2 Caution

- Store medical products dry and dust free.

Phone numbers

For additional information on the device, including questions on infection control procedures, please call:
USA (+1) 877 735 1626, International (+41) 41 562 51 51



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