Medela’s 250 mL Breastmilk Preparation System is designed to give NICU professionals a hygienic and convenient solution to breastmilk handling. When used together, the Breastmilk Transfer Lid and 250 mL container provide a leak-proof connection, complying with the recommendations of the American Dietetic Association Pediatric Nutrition Practice Group.¹

- Reduces opportunities for cross contamination.
- Prevents spills and loss of breastmilk.
- Easier oral syringe milk transfers.
- Safe, short-term storage of bulk fortified milk.
- Sterile and ready-to-use (unless opened or damaged).
- Screw-on lid for leak-proof seal with Medela containers.

Also Available from Medela:

**250 mL Breastmilk Preparation System**

Waterless Milk Warmer™

Use the safer practice

Important: Plastic bottles and component parts become brittle when frozen and may break when dropped. Bottles and component parts may become damaged if mishandled, e.g., dropped, overtightened, or knocked over. Take appropriate care in handling bottles and components. Do not use the breastmilk if bottles or components become damaged.

### Product Specifications:

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<th>Item</th>
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<tbody>
<tr>
<td>250 mL Breastmilk Preparation System (Sterile)</td>
<td>90001S-100</td>
<td>1</td>
<td>8” x 4” x 3”</td>
<td>0.09</td>
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<td>Breastmilk Transfer Lid (Sterile)</td>
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<td>6” x 2 1/4” x 1 1/4”</td>
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</tr>
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### References:


3. Outbreak of Pseudomonas aeruginosa infection in a neonatal care unit associated with feeding bottle heaters. Jesus Molina-Cabrillana PMDa et al., American Journal of Infection Control 41 (2013) e7-e9


We're up to the challenge.

Medela is committed to developing evidence-based solutions to support your efforts and improve outcomes in the NICU. Our solution to some of the most common challenges in warming and handling human milk is the result of extensive research and conversations with you, our partners.

Waterless Milk Warmer

- Provides an affordable bedside unit that utilizes dry heat, eliminating risk of water contamination during thawing and warming feeds.
- Easy to use, audible and visual cues clearly indicate when warming cycle is complete.
- Warms < 120 mL in 12 minutes and thaws < 120 mL in 22 minutes or less.
- Separate syringe port, positions feeds for effective warming.
- Keeps milk warm for 30 minutes, providing easy integration into nursing workflow.
- Disposable, recyclable inserts minimize cross contamination, contain spills and position containers for effective warming.
- Accommodates most human milk containers and 1 mL to 60 mL syringes used in NICU's. Single well unit can minimize risk of milk mix-ups.
- Optional IV pole adapter converts warmer to portable unit for placement optimization and workspace efficiency.

*Target warming temperature of 30-38 °C. Temperatures may vary depending on actual container used.

**Device is optimized for syringes and Medela sterile 80 mL breastmilk containers.

**Disposable inserts are a single-patient item for up to 12 hours of use.
Waterless Milk Warmer™

Use the safer practice
The life-giving benefits of human milk are crucial to the outcomes of NICU infants. Risk of contamination is present during storage, warming, handling and feeding of human milk. Therefore, protecting the beneficial properties of human milk can be a challenge.

Challenge
Eliminate the risk of contamination from waterborne pathogens.
- Hospital tap water is one of the most overlooked, important and controllable source(s) of Hospital acquired infections.¹
- Infants in NICU settings are among those patients at highest risk for nosocomial waterborne infections.²
- Exposure to waterborne infection can occur from direct contact with tap water through bathing as well as contact with equipment rinsed in tap water (e.g., bottles for feedings) and conventional water based warmers.³
- Reducing vulnerable patient populations exposure to tap water can reduce their risk of nosocomial infection.⁴

Did You Know?
The CDC suggests that facilities remove sources of contaminated water wherever possible to avoid contamination resulting from waterborne microorganisms.¹

Challenge
Warm human milk to temperatures consistent with expressed human milk.⁵
- Feeding preterm infants milk warmed to body temperature results in the least amount of gastric residuals and greater feeding tolerances.⁶
- Maintaining milk temperature until ready to feed.
- In facilities with insta-heat water systems, water is often heated to 87 °C, well above the threshold of destroying beneficial components of human milk.⁷

Did You Know?
Breastmilk contains antibodies and immune system boosters which protect infants from NEC (necrotizing enterocolitis), diarrhea, ear and respiratory infections, skin allergies and more.⁸

Challenge
Establish confidence with a safe, consistent and effective practice for warming and handling feedings.
- Conventional methods of warming milk in water produces unknown and inconsistent milk temperatures, while also providing exposure to waterborne pathogens.⁹, ¹⁰
- Waterless milk warming removes the need to integrate milk warming into emergency water supply planning.¹¹

Did You Know?
The Medela Waterless Milk Warmer is the most preferred NICU milk warming practice among the top 30 ranked Pediatric Hospitals for neonatology identified by US News & World Report.¹²

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- Helps reduce opportunity for cross contamination.
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