### Medela Solutions

Medela’s primary goal is to provide the life-giving benefits of breast milk. In the NICU, this goal is imperative. Meeting this need is inherent in every product and service we deliver to you.

We meet your needs through FDA certified products, a stringent ISO driven process, research-based development, extensive clinical trials, and comprehensive market testing to ensure the highest quality and safety standards. Our solutions are grounded by you and those of the patients you serve.

### Customer Need
- Initiation of lactation
- Sustaining of lactation
- Collection, storage and transportation of human milk
- Accessories needed to transport human milk including pumping log, storage & collection and cooling element
- Weight gain progression
- Coverting baby to breast
- Develop suck, swallow, breathe coordination
- Minimize energy consumption during feeding
- Milk intake validation of baby during breastfeeding
- Minimizing potential of contamination
- Breastmilk education for NICU professionals

### Product Solution
- **Symphony® Breastpump**
- **Human milk Collection Containers**
- **Nipple Shields**
- **BabyWeigh® Scale**
- **Quick Clean™ Micro-Stream™ Bags**
- **Transport Bag**

### Supporting Research
- **Symphony®** has been proven to successfully initiate lactation in post-partum women utilizing Medela’s patented 2-Phase Expression® technology.1,2
- **Symphony and 2-Phase Expression technology** has been proven to remove 67% of all human milk from a full breast which is consistent in volume with a baby at the breast.3
- This ability ensures the growth and sustainability of a strong milk supply.4

### Micro-Steam™
- Eliminates 99.9% of all harmful bacteria and germs in just 3 minutes.

### BabyWeigh® Scale
- The use of the BabyWeigh™ Scale helps accurately measure infant milk intake during breastfeeding.10,11

### Quick Clean™ Micro-Stream™ Bags
- Eliminates 99.9% of all harmful bacteria and germs in just 3 minutes.
- For daily disinfecting of breastpump parts, bottles, nipples and other feeding accessories.
- Reusable up to 20 uses per bag.

### Nipple Shields
- The use of the Medela Standard and Contact Nipple Shields increase milk intake without decreasing total duration of breastfeeding for preterm infants.9
- They also facilitate latch onto the breast when baby is often experiencing poor coordination of suck, swallow and breathe.2

### Reference

2. Journal of Human Lactation 19(2) 2003; “Response of Breasts to Different Stimulation Patterns of Lactating Women,” Jacqueline C. Kent, PhD; Donna T. Ramsey, DMU, PGDip; Dorota Doherty, PhD; Michael Carlson, MBA; Peter E. Hartman, PhD
3. Journal of Human Lactation 19(2) 2003; “Response of Breasts to Different Stimulation Patterns of Lactating Women,” Jacqueline C. Kent, PhD; Donna T. Ramsey, DMU, PGDip; Dorota Doherty, PhD; Michael Carlson, MBA; Peter E. Hartman, PhD
4. Creamatocrit delivers laboratory tested, reliable and accurate measures of human milk lipid concentration and caloric density, and fat grams per liter.7
5. Bisphenol-A is an industrial chemical found in polycarbonate plastic which is used to make some baby bottles. The FDA has determined that polycarbonate is “food safe” material, but there is an ongoing debate in the scientific community regarding whether or not BPA is linked to human health problems. Medela takes no position on this debate. All Medela bottles and breastpump kits (everything going into the baby’s mouth) are BPA free.8
6. *Commercial Discharge Packs and Breast-Feeding Counseling: Effects on Infants’ Feeding Problems.* Medela takes no position on this debate. All Medela bottles and breastpump kits (everything going into the baby’s mouth) are BPA free.8
7. Designed for use in a NICU setting where accurate, real-time results impact important nutrition management decisions for vulnerable infants.8
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9. Medela sponsored NICU Educational Symposia throughout the United States.
10. Educational programs available to individual hospitals for a minimal fee with CME, CE, and CERP aimed at educating NICU professionals on the benefits and best practices associated with the use of human milk with critically ill infants.

### References

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