

neonatal  
solutions

# Medela Enteral Feeding System

A Complete System



# Medela Enteral Feeding System



The Medela Enteral Feeding System is a versatile, infant-focused system with a variety of enteral accessories. It offers an assortment of syringes, extension sets, feeding tubes and enteral accessories specifically tailored to meet the needs of even the most demanding NICUs.



## Guardian Warmer™

The Guardian Warmer provides waterless warming for syringe pump feeds. In-line enteral warming minimizes cooling and supports neonatal nutritional needs.



## Medela Enteral Feeding Pump

The Medela Enteral Feeding Pump is the ideal solution for enteral feeds which require a mechanical syringe pump option.



## Syringes

The multi-functional syringe design can be used for pump feeds, closed gravity feeding and venting. Minimal effort is required to remove the plunger.



## Feeding Tubes

Feeding tubes are available in PVC, Polyurethane and Silicone. Clearly marked French sizes are printed on the hub. Polyurethane and Silicone feeding tubes feature end holes to reduce residual build up in the tip.



## Extension Sets

ENFit® connectors create a locking system to help minimize disconnections. Optimized for use with the Guardian Warmer.



## Medication Port

The optional Y-port on the extension set, versus a medication port located on the feeding tube, benefits frequent set change policies.



## GraviFeed® Gravity Feeding Syringe

The multi-functional syringe design can be used for closed gravity feeding and venting.



## Enteral Straw

The enteral straw offers easier feeding preparation with new formula bottles and eliminates dunking syringes into bottles.

## Features & Benefits:

- The Medela Enteral Feeding System is a complete, end-to-end feeding system, including syringes, feeding tubes, extension sets, an enteral-only feeding pump and an in-line Guardian Warmer™.



- The ENFit® locking connections create a closed, locking system to minimize disconnections. Stays connected even when wet or under tension, minimizing accidental disconnections common with standard slip tip connectors.
- All Medela Enteral Feeding products are colored orange. The system follows all recommendations as outlined by the Joint Commission Sentinel Alert on enteral feeding.
- Not made with natural rubber latex.
- Not made with Diethylhexylphthalate (DEHP).\*

\*All Extension Sets, Enteral Straws and PVC Feeding Tubes are not made with Diethylhexylphthalate (DEHP).

# Medela Guardian Warmer™



**Waterless, in-line, enteral warming protects and supports neonatal nutritional needs.**

Current enteral warming methods pre-warm an enteral feed and allow it to cool during syringe pump delivery. The Medela Guardian Warmer is different because feeds are warmed during the delivery process, minimizing cooling of the feed. An optimal temperature feed is delivered directly to the infant, providing the results you expect from an advanced neonatal enteral warming product.

## Features & Benefits:

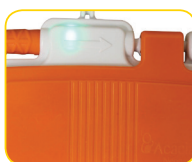
- Enteral feeds delivered in the optimal nutrient temperature range
- Limits rapid-cooling during syringe pump feeds
- Warms cold or room-temperature breast milk or formula
- Saves nursing time by eliminating pre-warming of syringe pump feeds
- Waterless warming
- Three-year manufacturer's warranty



|         |   |            |
|---------|---|------------|
| NGW2000 | Medela Guardian Warmer - with hooks<br>(includes hooks to hang controller box onto IV pole) | 1 per box  |
| NGWCLIP | Guardian Warmer Mom Clip  | 25 per box |



The extension set tubing sits firmly in a heated metal track to continuously warm the feed as it passes through the tubing.



An indicator light on the Guardian illuminates when the lid is closed, powered on and warming.



Use the suction cup accessory for hanging or place the warmer on a flat surface inside the isolette.

### Dimension/Weight Specifications

Guardian warmer size: 4.7" x 3.7" x .75"

Guardian warmer weight: 4.6 oz

Control box size: 5.1" x 4.7" x 2.2"

Control box weight: 13.4 oz

Cord lengths: 6 ft from plug to control box/8 ft from control box to Guardian

### Temperature Specifications\*

Average output temperatures: 91°F - 101°F\*\* at 0.5 mL - 2.0 mL per minute

Safety features: Automatic temperature control with temperature variance sensor

Warmer outer surface temperature: 95°F - 102°F (top of device)

\*Based on average room temperature of 72°F

\*\*From distal end of extension set

**Also from Medela,**  
Waterless Milk Warmer™.  
Learn more at [www.medela.com](http://www.medela.com)



# Enteral Syringes



## A wide variety of syringe sizes to meet your needs.

Enteral syringes are available in 1 mL, 3 mL, 5 mL, 10 mL, 30 mL and 60 mL sizes.

## Features & Benefits:

- Medela Enteral Feeding syringes are compatible with most syringe pumps on the market
- The ENFit® closed cap offers a secure fit for transportation or warming
- Minimal effort required to remove plunger



### Also available

The Medela 1 mL and 3 mL ENFit syringes feature the GEDSA-designed Low Dose Tip. The design helps to improve small-volume enteral drug delivery accuracy by preventing unwanted liquid transfer while connecting and disconnecting from the feeding tube.

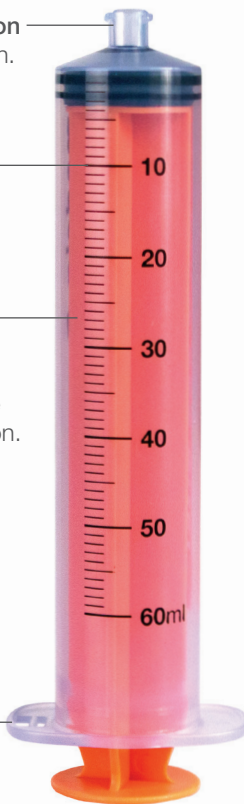


**Locking Connection**  
ENFit locking design.

**Easy to Read**  
Large, highly visible number scale.

**Enteral**  
The Medela Enteral Feeding System is color coded orange for easy identification.

**Easy to Use**  
Large syringe flange is easy to handle and hang for gravity feeding.



The closed cap offers a secure fit for transportation or warming.



Order the optional, vented, snap-tight lid for closed gravity feeding or venting (see part: Syringe Lid).



# Medela Enteral Feeding Pump



The Medela Enteral Feeding Pump is the optimal solution for continuous or bolus feeds which require a mechanical syringe pump option. The compact size, minimal weight and sturdy construction make it the ideal complement to any NICU enteral feeding system.

## Features & Benefits:

- Multiple delivery modes
- Storage for user defined settings
- AC or Battery operated with removable battery pack
- LED & LCD alerts and audible alarms
- Multiple sensors to monitor delivery accuracy
- Unique labeling area for infusion information
- Flexible pole mount system allows for rotation of syringe.
- Syringe placement avoids leakage of feed inside of the pump.

Large keypad and visible display for easy use in a NICU environment.

Large graphic LCD display.

Accommodates various manufacturers' syringes: 1 mL - 140 mL.

### Dimension/Weight Specifications

Pump size: 9.5" x 3.95" x 5.9"  
Pump weight: 4.9 lbs  
Cord length: 10 ft

Easy syringe loading.

Metal housing design for durability.

ABCModel4100 – Enteral Syringe Infusion Pump  
ABC0015990 – Rotating Pole Clamp

# GraviFeed<sup>®</sup> Syringe



## Gravity Feeding Syringe

Reduce expenses with the GraviFeed, gravity feeding syringe. The hydrophobic filter built into the lid allows air to pass through, creating a closed gravity feeding solution and eliminates the need for costly plungers. This closed solution is also ideal for mess-free venting in the NICU.

## Features & Benefits:

- A snap-tight lid minimizes exposure to airborne particulates or contamination while preventing the loss of enteral fluid.
- Syringes include ENFit<sup>®</sup> connector technology, minimizing misconnections.
- Color-coded orange.
- May reduce expenses because a plunger is not needed to start the flow of the feed and gauze is not required for after feed venting.

Venting with GraviFeed is as simple as snapping the lid closed. No gauze or hanging necessary.



Traditional Venting

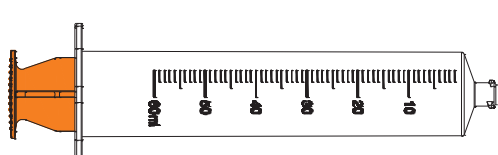
GraviFeed Venting

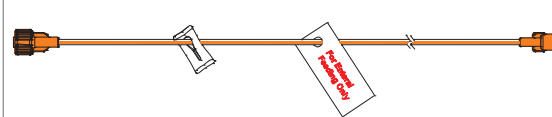


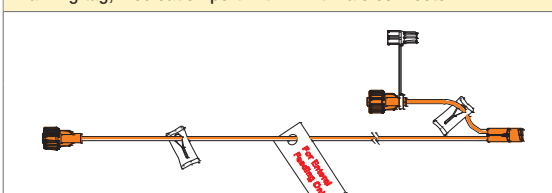
The GraviFeed primer eliminates the need for a plunger, which saves money and reduces environmental impact.

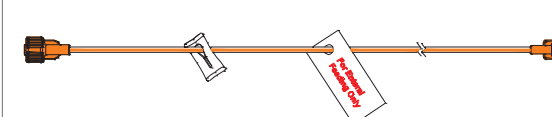
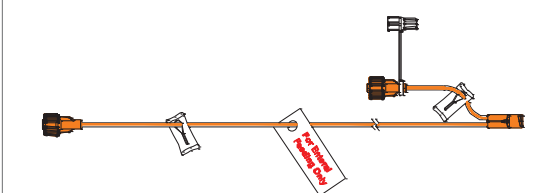


# Ordering Information

| Enteral Syringes  | Description             | Item#   | Quantity    |
|---|-------------------------|---------|-------------|
|  | ENFit® 1 mL syringe LDT | ENF01LD | 100 per box |
|   | ENFit 3 mL syringe LDT  | ENF03LD | 100 per box |
|   | ENFit 5 mL Syringe      | ENF05   | 100 per box |
|   | ENFit 10 mL Syringe     | ENF10   | 100 per box |
|   | ENFit 30 mL Syringe     | ENF30   | 50 per box  |
|   | ENFit 60 mL Syringe     | ENF60   | 50 per box  |

| Enteral Extension Sets  | Length/Priming Vol. | Item#       | Quantity    |
|---|---------------------|-------------|-------------|
| ENFit female connector, orange-striped low volume minibore tubing, ENFit male connector, non-removable slide clamp, enteral warning tag | 60", 1.3 mL         | ENF06018LD  | 100 per box |
|   | 60", 2.0 mL         | ENF060182LD | 100 per box |

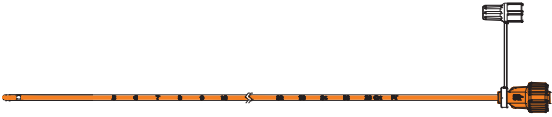
| Enteral Extension Sets with Medication Port  | Length/Priming Vol. | Item#       | Quantity    |
|--|---------------------|-------------|-------------|
| ENFit dual female connector, orange-striped low volume minibore tubing, ENFit male connector, non-removable slide clamps, enteral warning tag, Medication port with ENFit male connector | 60", 1.7 mL         | ENF06019LD  | 100 per box |
|    | 60", 2.2 mL         | ENF060192LD | 100 per box |

| Enteral Extension Sets (extra length for use with Guardian Warmer)  | Length/Priming Vol.       | Item#      | Quantity    |
|---|---------------------------|------------|-------------|
| ENFit female connector, orange-striped low volume minibore tubing, ENFit male connector, non-removable slide clamp, enteral warning tag | 70", 1.50 mL              | ENF07018LD | 100 per box |
|   | 70", 1.90 mL with medport | ENF07019LD | 100 per box |
|   |                           |            |             |




## PVC Enteral Feeding Tubes


(For Use Up to 3 Days)


|   | Length/Priming Vol. | Size       | Item#       | Quantity   |
|---|---------------------|------------|-------------|------------|
|  | 16", 0.50 mL        | 5 French   | ENFPV1650LD | 50 per box |
|   | 26", 0.80 mL        | 5 French   | ENFPV2650LD | 50 per box |
|   | 36", 0.70 mL        | 5 French   | ENFPV3650LD | 50 per box |
|   | 16", 0.60 mL        | 6.5 French | ENFPV1665LD | 50 per box |
|   | 26", 1.00 mL        | 6.5 French | ENFPV2665LD | 50 per box |
|   | 36", 1.20 mL        | 6.5 French | ENFPV3665LD | 50 per box |
|   | 16", 0.90 mL        | 8 French   | ENFPV1680LD | 50 per box |
|   | 26", 1.50 mL        | 8 French   | ENFPV2680LD | 50 per box |
|   | 42", 2.40 mL        | 8 French   | ENFPV4280LD | 50 per box |

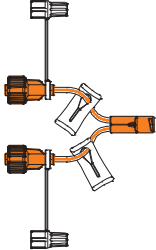
## Silicone Enteral Feeding Tubes


(For Use Up to 30 Days)




|   | Length/Priming Vol.   | Size       | Item#       | Quantity   |
|---|-----------------------|------------|-------------|------------|
|  | 40cm (15.7"), 0.30 mL | 5 French   | ENFSI4050LD | 10 per box |
|   | 60cm (23.6"), 0.50 mL | 5 French   | ENFSI6050LD | 10 per box |
|   | 90cm (35.4"), 0.60 mL | 5 French   | ENFSI9050LD | 10 per box |
|   | 40cm (15.7"), 0.50 mL | 6.5 French | ENFSI4065LD | 10 per box |
|   | 60cm (23.6"), 0.60 mL | 6.5 French | ENFSI6065LD | 10 per box |
|   | 90cm (35.4"), 0.90 mL | 6.5 French | ENFSI9065LD | 10 per box |
|   | 40cm (15.7"), 0.70 mL | 8 French   | ENFSI4080LD | 10 per box |
|   | 60cm (23.6"), 1.00 mL | 8 French   | ENFSI6080LD | 10 per box |
|   | 90cm (35.4"), 1.50 mL | 8 French   | ENFSI9080LD | 10 per box |

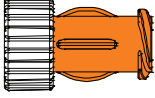
| <b>Polyurethane Enteral Feeding Tubes</b><br>(For Use Up to 30 Days)              |              | <b>Length/Priming Vol.</b> | <b>Size</b> | <b>Item#</b> | <b>Quantity</b> |
|---|--------------|----------------------------|-------------|--------------|-----------------|
|  | 16", 0.16 mL | 4 French                   | ENFPU1640LD | 10 per box   |                 |
|   | 16", 0.18 mL | 4 French                   | ENFPU2040LD | 10 per box   |                 |
|   | 16", 0.30 mL | 5 French                   | ENFPU1650LD | 10 per box   |                 |
|   | 20", 0.40 mL | 5 French                   | ENFPU2050LD | 10 per box   |                 |
|   | 36", 0.80 mL | 5 French                   | ENFPU3650LD | 10 per box   |                 |
|   | 16", 0.55 mL | 6.5 French                 | ENFPU1665LD | 10 per box   |                 |
|   | 20", 0.80 mL | 6.5 French                 | ENFPU2065LD | 10 per box   |                 |
|   | 36", 1.20 mL | 6.5 French                 | ENFPU3665LD | 10 per box   |                 |
|   | 16", 0.65 mL | 8 French                   | ENFPU1680LD | 10 per box   |                 |
|   | 20", 1.20 mL | 8 French                   | ENFPU2080LD | 10 per box   |                 |
|   | 42", 2.40 mL | 8 French                   | ENFPU4280LD | 10 per box   |                 |
|   | 42", 4.00 mL | 10 French                  | ENPU42100LD | 10 per box   |                 |


| <b>Enteral Straw (For Feeding Preparation)</b><br>ENFit® male connector, orange-striped standard bore tubing |             | <b>Length/Priming Vol.</b> | <b>Item#</b> | <b>Quantity</b> |
|--|-------------|----------------------------|--------------|-----------------|
|                             | 5", 0.40 mL | ENF001LD                   | 100 per box  |                 |


| <b>Bifurcated Enteral Set</b><br>ENFit male connectors, orange-striped low volume minibore tubing, non-removable slide clamps, ENFit dual female connector |               | <b>Length/Priming Vol.</b> | <b>Item #</b> | <b>Quantity</b> |
|--|---------------|----------------------------|---------------|-----------------|
|   | 2.5", 0.50 mL | ENF003LD                   | 50 per box    |                 |

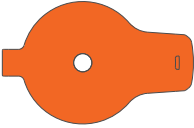
| <b>Cap</b>  | <b>Description</b>   | <b>Item#</b> | <b>Quantity</b>               |
|---|----------------------|--------------|-------------------------------|
|  | ENFit Non-Vented Cap | ENFCAPLD     | 500<br>(50 pks of 10) per box |

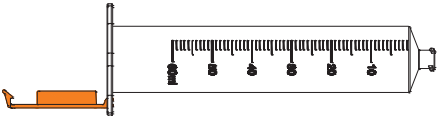
| <b>Transitional Connector</b>   | <b>Description</b>                                       | <b>Item#</b> | <b>Quantity</b> |
|---|--|--------------|-----------------|
|  | ENFit female to Twist-Lok™ female transitional connector | ENFFEMALELD  | 50 per box      |
|  | ENFit male to TwistLok male transitional connector       | ENFMALELD    | 50 per box      |
|  | ENFit Transfer Lid                                       | ENFTL        | 100 per box     |


| <b>Dual Cap</b><br>Provides easy option for PO or ENFit® enteral delivery of medication |   | <b>Description</b> | <b>Item#</b>               | <b>Quantity</b> |
|---|---|--------------------|----------------------------|-----------------|
|        | ENFit to TwistLok Connector, female to female with cap  | ENFDUALCAPLD       | 500 (50 pks of 10) per box |                 |
|   | ENFit to TwistLok Connector, female to female with cap, non-sterile                               | ENFDUALCAPNSLD     | 500 NS caps in a pouch     |                 |
|   | ENFit LDT to TwistLok Connector, female to female with cap for Covidien oral syringe              | ENFDUALCAPCLD      | 500 (50 pks of 10) per box |                 |
|   | ENFit LDT to TwistLok Connector, female to female with cap for Covidien oral syringe, non-sterile | ENFDUAL-CAPNSLD    | 500 NS caps in a pouch     |                 |

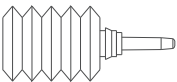
| <b>Med Cap</b><br>Provides an easy method to fill ENFit Syringe from an oral medication cap |   | <b>Description</b> | <b>Item#</b>               | <b>Quantity</b> |
|---|---|--------------------|----------------------------|-----------------|
|            | Male ENFit to male oral slip tip              | ENFMEDCAPLD        | 500 (50 pks of 10) per box |                 |
|   | Male ENFit to male oral slip tip, non-sterile | ENFMEDCAPNSLD      | 500 caps per pouch         |                 |

| <b>Dose Cap</b><br>Provides easy option for PO enteral delivery of medication      |                                  | <b>Description</b> | <b>Item#</b> | <b>Quantity</b> |
|--|----------------------------------|--------------------|--------------|-----------------|
|  | Male ENFit to male oral slip tip | ENFDOSECAPLD       | 50 per box   |                 |

| <b>GraviFeed® Syringe Lid</b>   |                     | <b>Description</b> | <b>Item#</b> | <b>Quantity</b> |
|---|---------------------|--------------------|--------------|-----------------|
|  | GraviFeed 10 mL Lid | LID10              | 50 per box   |                 |
|   | GraviFeed 30 mL Lid | LID30              | 50 per box   |                 |
|   | GraviFeed 60 mL Lid | LID60              | 50 per box   |                 |

| <b>GraviFeed Syringe</b>  |                         | <b>Description</b> | <b>Item#</b> | <b>Quantity</b> |
|---|-------------------------|--------------------|--------------|-----------------|
|  | GraviFeed 10 mL Syringe | ENFGF10            | 100 per box  |                 |
|   | GraviFeed 30 mL Syringe | ENFGF30            | 50 per box   |                 |
|   | GraviFeed 60 mL Syringe | ENFGF60            | 50 per box   |                 |

| <b>Plunger</b>  |               | <b>Description</b> | <b>Item #</b> | <b>Quantity</b> |
|---|---------------|--------------------|---------------|-----------------|
|  | 10 mL Plunger | PLG10              | 25 per box    |                 |
|   | 30 mL Plunger | PLG30              | 25 per box    |                 |
|   | 60 mL Plunger | PLG60              | 25 per box    |                 |

| <b>GraviFeed® Primer</b>  |                        | <b>Description</b> | <b>Item #</b> | <b>Quantity</b> |
|---|------------------------|--------------------|---------------|-----------------|
|  | GraviFeed Primer       | GF002              | 10 per box    |                 |
|   | Large GraviFeed Primer | GF002L             | 10 per box    |                 |

**To order or for more information, contact your Medela Sales Consultant.**



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