

NeoFeed™

Neonatal Enteral Syringe Pump

NeoFeed™ from CME helps you protect your patients from misconnections to IV, umbilical arterial (UAC) and epidural catheters. That's because the NeoFeed™ pump works exclusively with oral/enteral feeding syringes. Using a unique syringe detection system. It's many programming, safety and convenience features make the NeoFeed™ easy to manage for any infusion protocol. The pump is also equipped with rechargeable battery to allow complete autonomy.



Applications

- Neonatal nutrition

Intended Use

- Oral Feeding
- Enteral Feeding



Features & Benefits

Automatic Syringe Detection

Automatically detects syringe brand, size and medication volume inside the syringe enables you to connect solely to your preferred brands.

Fully Programmable Infusion

Deliver continuous, intermittent and bolus-dose protocols.

Specific Neonatal Flow Rates and Accuracy

Precisely controlled rates for neonatal feeding.

Programmable Infusion Time

Instead of rate, you can select from 10 minutes to 100 hours infusion time. The NeoFeed™ then automatically calculates flow rate for you.

Programmable KVO Rate

0 – 2 ml/h range.

BodyComm™ Software

Review patient history with charts and 1000 events log or manage pump settings on your PC.

True Portability

Size

205 x 98 x 45 mm
The NeoFeed™ fits anywhere including inside incubators.

Weight

411 g
Patients can carry it wherever they go.

Battery-Powered

Uses a long-life rechargeable Li-Polymer battery for up to 100 full syringe deliveries.

Flexible Configuration

Battery or AC-Powered

Change between battery and AC (mains) power without interrupting infusion therapy.

Supports Multiple Languages

Over 20 languages available to meet your needs and preferences.

Safety & Security

Dose Titration

Operator can titrate flow rate up to pre-set limit for safe, convenient dose adjustment.

Distinguishable From Other Equipment

Keypad labeled orange or purple for enteral infusion.

Use your choice of dedicated oral/enteral syringes and tubing.

Full Alarm Protection

Helps prevent events and instill confidence in patient.

Easy-Scroll Event Review

Press INFO key for hour-by-hour event log.

3 Safety Control Points

Syringe must be engaged at plunger, flange and collar before pump will start.

3-Level Access Codes

Prevent accidental or unauthorized program changes.

“ Enteral feeding misconnections pose significant risks to vulnerable neonatal patients. That’s why the Joint Commission has recommended that only oral/enteral syringes be used when administering enteral feedings ”

Joint Commission Journal on Quality and Patient Safety. May 2008 Vol. 34, No. 5.

Technical Specification

	T34™	T34L™	T34 1ml™	Neofeed™
Linear Syringe Driver Mechanism	✓	✓	✓	✓
Infusion Modes				
Continuous	✓	✓	✓	✓
Intermittent	✓	✓	✓	✓
PCA	T34L-PCA model available			
Bolus only		✓		✓
Time mode	✓	✓	✓	✓
Display				
Size (W/H)	6x2 cm	5.1x2.8 cm	6x2 cm	5.1x2.8 cm
Resolution (W/H)	122x32 pixels	128x64 pixels	122x32 pixels	128x64 pixels
Flow Rate Accuracy	± 2 %	± 2 %	± 2 %	± 2 %
Syringe Size	2 – 50 ml	2 – 60 ml	1 – 30 ml	2 – 60 ml
Syringe Brands	All brands programmable	All brands programmable	All brands programmable	oral/entral brand of choice
Flow Rate Range	0.1 – 650 ml/h	0.1 – 1500 ml/h	0.1 – 650 ml/h	0.1 – 650 ml/h
Programmable Infusion Time	10 mins – 100 hrs	10 mins – 100 hrs	10 mins – 100 hrs	10 mins – 100 hrs
KVO Rate	0 (OFF) - 2 ml/h	0 (OFF) - 2 ml/h	0 (OFF) - 2 ml/h	0 (OFF) - 2 ml/h
Occlusion Pressure	100 – 1500 mmHg	100 – 1500 mmHg	100 – 1500 mmHg	100 – 1500 mmHg
Pump Alarms				
Syringe not Recognized	✓	✓	✓	✓
Occlusion	✓	✓	✓	✓
End Program	✓	✓	✓	✓
Near End	✓	✓	✓	✓
End Syringe Travel	✓	✓	✓	✓
Low Battery	✓	✓	✓	✓
End Battery	✓	✓	✓	✓
Pump Paused	✓	✓	✓	✓
Lock Mode	✓	✓	✓	✓
Syringe Displaced	✓	✓	✓	✓
Check Syringe Placement	✓	✓	✓	✓
Power Supply				
110 – 240V AC, 50/60 Hz (20W / 0.12A)		✓		✓
Battery				
Rechargeable Li-Polymer 7.4V 1800 mAh		✓ c. 100 full deliveries		✓ c. 100 full deliveries
Disposable Alkaline 9V	✓ c. 7 full deliveries		✓ c. 7 full deliveries	
Connectivity (Optional)				
RS232 Serial Port	✓	✓	✓	✓
802.11 Wifi				
BodyComm™ Software (Optional)	✓	✓	✓	✓
Remote Monitoring System (Optional)				
PDMS Interface				
Dimensions; pump only (W/H/D)	167 x 66 x 39 mm	205 x 98 x 45 mm	167 x 66 x 39 mm	205 x 98 x 45 mm
Weight (with battery)	277 g	411 g	277 g	411 g