

Elastomeric infusion pump

Neofuser+

Neofuser / Neofuser Plus / Neofuser Vario
Neofuser Vario Plus / Neofuser Onco



Elastomeric infusion pumps

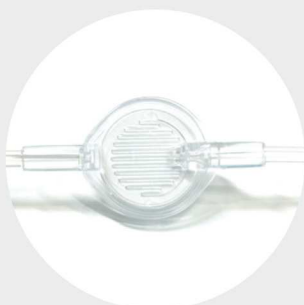
Neofuser is an innovative single-use, portable infusion pump designed for patient convenience and accuracy in delivering liquid medication. It operates without the need for batteries or electricity, ensuring reliability and ease of use.

The key features of Neofuser include.

- **Neofuser**
Continuous Basal Flow This delivers medication at a consistent, predetermined flow rate, ensuring precise dosing.
- **Neofuser Plus**
With Patient Controlled Analgesia (PCA) Module This module allows patients to self-administer additional bolus doses for pain management.
- **Neofuser Vario**
Multi-rate Version This version offers the flexibility of selecting between 7 different flow rates and an off mode, adjustable via a detachable key.
- **Neofuser Vario Plus**
Selectable basal rate with bolus Combines the features of the PCA module and the multi-rate unit, allowing independent operation of both functionalities for greater versatility.
- **Neofuser Nax**
With neuraxial connectors according to ISO 80369-6.
- **Neofuser Twin**
Two catheters with one flow restrictor before the split.
- **Neofur Duo**
Two catheters with each flow restrictor.
- **Neofuser Run**
With a fast flow rate, especially for short-term infusions of antibiotics.
- **Neofuser DFO**
Infusion of deferoxamine : For a drug to remove iron, with a flow restrictor to match the high viscosity.



Pressure - Activated Valve



Micro IV Filter



Air-Vent Blue End Cap



Scaled Pump Body



Neofuser Series



WHY ? Neofuser Infusion Pump

Easy
Usability

Line-up
Variety

High
Accuracy

Verified
Safety

Neofuser Line -up

■ Neofuser



■ Neofuser Plus / Bolus



■ Neofuser Vario



■ Neofuser Vario Plus



■ Neofuser Vario Nax



■ Neofuser Duo



■ Neofuser Twin



■ Neofuser Run / DFO





Neofuser Onco is designed for the infusion of 5-Fluorouracil, Trabectedin, and other oncology drugs, ensuring precise delivery.

- It incorporates a microfluidic chip technology with a flow limiter specifically developed for 5-fluorouracil infusion, enhancing control.
- The wide-channel flow regulator, tailored for 5-Fluorouracil infusions, maintains high flow accuracy crucial for effective treatment.
- Its wide channels enable smooth, uninterrupted flow, eliminating delays caused by fine crystal precipitations of 5-Fluorouracil.
- UV protection is integrated to safeguard the medication's potency and stability throughout the infusion process.
- The cross-sectional area of the microfluidic channel in the L50-O is about 4.6 times larger than the L50 50um capillary, preventing blockages caused by drug crystallization.

Volume(ml) : 60ml, 100ml, 180m, 275ml, 450ml, 600ml / **Fixed flow rate(ml/hr)** 0.5, 1, 1.5, 2, 2.5, 3, 4, 5, 6, 7, 10ml/hr



Product Specification

Model	Nominal Volume(ml) (min~max)	Basal flow rate (ml/hr)	Lock-out time (min.)	Bolus volume (ml)
Neofuser	60 (36~70) 100 (60~110) 180 (120~210) 275 (165~310) 450 (270~480) 600 (360~650)	0.5, 1, 2, 2.5, 3, 4, 5, 6, 7, 8, 10 or 13	N / A	N / A
Neofuser Vario		0/0.5/1/1.5/2/2.5/3/3.5 0/1/2/3/4/5/6/7 0/2/4/6/8/10/12/14 (Selectable continuous basal flows)		
Neofuser Plus		0.5, 1, 1.5, 2, 4, 5, 8, 10 or 13	3, 5, 6, 7, 8, 10, 15, 30 or 60	0.5 (Orange color) 1.0 (Blue color) 2.0 (Green color)
Neofuser Bolus		N / A		
Neofuser Vario Plus		0/0.5/1/1.5/2/2.5/3/3.5 0/1/2/3/4/5/6/7 0/2/4/6/8/10/12/14 (Selectable continuous basal flows)		
Model with options		Basal flow rate (ml/hr)	Lock-out time (min.)	Bolus volume (ml)
Neofuser Onco		0.5, 1, 1.5, 2, 2.5, 3, 4, 5, 6, 7 or 10	N / A	N / A
Neofuser Run		50, 100, 200 or 250		
Neofuser DFO		1, 2, 2.5, 3, 4, 5, 6 or 7		

- **Duo** : Two catheters can be used with Neofuser models. (Two catheters with each flow restrictor)
- **Twin** : Two catheters can be used with Neofuser models. (Two catheters with one flow restrictor before the split)
- **Nax** : Nax connector can be with any models. (with neuraxial connectors according to ISO 80369-6)

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