

Monivent Neo100

Supporting Gentle Ventilation of Newborns

by anandic

Monivent **Neo100** provides feedback and guidance during manual ventilation of newborns.



Monivent Neo100

Ensuring adequate ventilation is one of the most important factors when taking care of a newborn in need of respiratory support at birth.

Monivent Neo100 is a solution for wireless monitoring and guidance during manual ventilation of newborns. Parameters that previously could only be estimated can now be measured accurately. The Monivent Neo100 gives continuous, real-time feedback on several ventilation parameters, including tidal volume and leakage, enabling the caregiver to adjust treatment and support safe and gentle ventilation of newborns.



Continuous feedback on display

- VTe - Expiratory tidal volume in mL/kg
- PIP - Peak Inspiratory Pressure
- PEEP - Positive End-Expiratory Pressure
- Mask leakage
- Ventilation rate



Integrated monitor and charger

- Sensor Modules are stored in charger when not used
- Pre-assembly of Sensor Modules and Sensor Masks possible in charger
- Sensor Module battery time at least 1 hour during active use
- LED indicates charging status

Key Features and Benefits

- Color coded guidance on VTe supports ventilation within the volume target range
- Sensor Module LED gives VTe guidance allowing the caregiver to focus on the baby
- Real-time feedback on VTe and PIP help to identify and adjust for changes in lung compliance, and identify critical clinical conditions
- Clear feedback on a selected number of parameters for easy interpretation of data
- Wireless data transfer reduces need for cables on resuscitation table
- Add-on to existing ventilation equipment with minimal impact on clinical routines
- Ready for use within seconds
- Increases caregivers' confidence in providing the best quality of care

SPECIFICATIONS



VTe measurement accuracy

± 1 mL or 10% of reading

Added deadspace

< 1.5 mL (Sensor Mask and Mask Adapter)

Flow resistance

<500 Pa at 250 mL/s

Flow sensor

Differential pressure pneumotachograph

Display

Touch screen (operatable with gloves)



Integrated Sensor Module

- Wireless data transfer
- Accurate measurement of pressures and small volumes
- Colored LED corresponds to cylinder on display indicating:
 - VTe in target range - green
 - VTe below target range - red
 - VTe above target range - orange



Sensor Masks and Mask Adapter

- Three Sensor Mask sizes 40, 52, 66 mm
- Mask Adapter enables use with other face masks or ET tube
- Compatible with bag or T-piece resuscitators with 15 mm female connector
- Single patient use

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Reference number

Monivent Neo100 System	<ul style="list-style-type: none">• Monitor incl. charger• 3 x Sensor Modules• Sensor Mask Starter Kit	N100-SY
Sensor Mask Starter Kit	<ul style="list-style-type: none">• 2 x Sensor Mask 40• 2 x Sensor Mask 52• 2 x Sensor Mask 66• 3 x Mask Adapter	N100-MA-SK
Sensor Mask 40	x 10 pcs	N100-MA40-10
Sensor Mask 52	x 10 pcs	N100-MA52-10
Sensor Mask 66	x 6 pcs	N100-MA66-06
Mask Adapter	x 10 pcs	N100-AD-10
Sensor Module	x 1	N100-SM-01
Sensor Module	x 3	N100-SM-03

A unique solution to an important problem

Manufacturer

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Local distributor

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