Monivent Neo100

Supporting Gentle Ventilation of Newborns



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

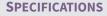
- Sensor Modules are stored in charger when not used
- Pre-assembly of Sensor Modules and Sensor Masks possible in charger

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- 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



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



| Monivent Neo100 | | Reference number |
|-------------------------|--|------------------|
| Monivent Neo100 System | Monitor incl. charger 3 x Sensor Modules Sensor Mask Starter Kit | N100-SY |
| Sensor Mask Starter Kit | 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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