

Designed For EveryDay Life

To meet the needs connected to a wide range of respiratory conditions a ventilator must offer outstanding clinical versatility and performance. But equally as important, it must be designed around the patient's life, activities and home environment.

That's why we've created the NIPPY 4+, a life support ventilator, intended for adult and paediatric patients from 5kg. The NIPPY 4+ is designed to maximize independence and mobility. That's what we mean by "Designed For EveryDay Life".

DESIGNED FOR EVERYDAY LIFE

- Small, neat and user friendly
- Integrated humidifier and heated wire patient circuit
- 2.5 h internal + 6.5 h click-in battery and protective cover for use on the move

MAKING CONNECTED CARE MORE INSIGHTFUL

- EveryWare – Secure cloud-based remote monitoring*
- Breas PC Software – Desktop-based with Live Viewer

ADAPTABLE TO CLINICAL NEEDS

- Options for a wide range of patients and conditions
- Adult and Paediatric Patient Modes
- The new Paediatric Mode is intended for patients from 5kg upwards
  - Tidal Volume range now settable from 50ml+
  - Low Tidal Volume (Vte) alarm setting from 20ml+
  - Low Minute Volume (MVe) alarm setting from 0.1L+
  - Breath Range 6 – 60 BPM
  - Paediatric Trigger settings
- Integrated monitoring of SpO_2, FiO_2, $EtCO_2$, $PtcCO_2$, Effort Belts
- Option to use passive or active exhalation valve circuits
- Pressure modes with Target Volume (TgV) and Auto EPAP (AE) Algorithms
- Mouthpiece, SIMV, Volume Control and CPAP modes

SCAN ME

Check out the tutorial videos for NIPPY 4+



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NIPPY 4+ Technical Specifications

Settings / Performance	
Ventilation Modes	PSV, PSV(TgV), PSV-AE, PSV(TgV+AE), PCV, PCV(TgV), PCV-AE, PCV(TgV+AE), PCV-SIMV, PCV-MPV, VCV-MPV, VCV-SIMV, VCV, CPAP
Device Modes	Home, Clinical
Patient Modes:	Adult or Paediatric
Profiles	3 settable profiles
IPAP Range	4 – 50 cm H_2O
EPAP Range	2 – 20 cm H_2O
Breath Rate/Back-up Rate	4–50 bpm in Adult Mode, 6-60 bpm in Paediatric Mode, (Default 0 bpm in MPV modes)
Inspiratory Time	0.3 – 5 s
Backup Inspiratory Time	0.3 – 5 s (PSV)
Rise Time	1 – 9 (PSV & PCV), 50-90%, Off (VCV mode)
Inspiratory Trigger	1 – 9 (Off in PCV and VCV Modes)
Expiratory Trigger	1 – 9 (PSV and PSV(TgV) modes)
Minimum Inspiratory Time	Off, 0.3 – 3 s
Maximum Inspiratory Time	0.3 – 5 s, Off
Target Volume	Adult Mode: 100 – 2000 ml, Paediatric Mode 50 – 500ml
Auto-EPAP	On/Off, Min/Max EPAP: 2 – 20 cmH_2O, PS: 2 – 50 cmH_2O -Max EPAP, EPAP Step: 0.5 - 2 cmH_2O, Relax Time: 120 – 720 sec/Off, Min PS/Max PS: 2 – 50 cmH_2O -Max EPAP, Pressure Limit: Max EPAP +2 cmH_2O – 50 cmH_2O
Monitoring	
Displayed data	Ppeak, PEEP, Pmean, Leakage, MV, Vt, FiO_2, % in TgV, Total Rate, Spont Rate, % spont, SpO_2, $EtCO_2$/$PtcCO_2$, Pulse, Rate, I:E, Inspiratory time, Rise time, AHI
Waveforms	Pressure, Flow, Volume
Trend Data – 1h, 6h, 24h, 48h and 10 days resolution	Ppeak, PEEP, Total rate, Spont rate, Vt, Leakage, SpO_2, $EtCO_2$/$PtcCO_2$, Effort belt
Power Supplies	
Mains supply	100 to 240 V AC
External DC	24 V
Click-in battery	6.5 hours
Internal battery	2.5 hours
Main alarms	
Alarms	High Flow, Low Flow, High Pressure, Low Pressure, High EPAP, Low EPAP, High Vte, Low Vte, High MV, Low MV, High Breath Rate, Low Breath Rate, Apnoea, Disconnection, High FiO_2, Low FiO_2, High SpO_2, Low SpO_2, High Pulse Rate, Low Pulse Rate, Low Last Power Source, Obstruction, Rebreathing, High and Low $EtCO_2$/$PtcCO_2$, High Inspired $EtCO_2$
Dimensions	
W x H x D	216 x 159 x 152 mm
Weight	2.4 kg
Noise level (at 10 cmH2O constant pressure)	Less than 28 dB(A)
Connectivity and Software	
Built-in connectivity	Ethernet, USB
Compatible Software	PC Software and is prepared for EveryWare Remote Monitoring*
Plug-and-Play accessories	$EtCO_2$, $PtcCO_2$, Effort belts, SpO_2, FiO_2, Nurse Call, Remote Alarm, Remote Start/Stop
Other	
Humidification	Integrable water chamber
Circuits	Disposable leakage circuits with/without heated wires, disposable exhalation valve circuits, disposable MPV circuits

*Please contact Breas for availability

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