



Product Comparison

pNeuton mini, pNeuton mini NEO and babyPAC

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| Characteristic | pNeuton mini LINK TO > | pNeuton mini NEO LINK TO > | babyPAC |
|--|---|--|--|
| Intended Use | Hospital, MRI, Transport Neonates / infants / children / pediatrics up to 25 kg | Hospital, MRI, Transport Neonates / infants up to 20 kg | Hospital, MRI, Transport Neonates / infants up to 20 kg |
| Modes of Ventilation | CMV, IMV + CPAP or CPAP only | CMV, IMV + CPAP or CPAP only | CMV + PEEP, CMV + Active PEEP, IMV + CPAP, CPAP |
| Controls | Inspiratory Time, Expiratory Time, PEEP/CPAP, Peak Pressure, Continuous Flow, % Oxygen, Mode of Ventilation | Inspiratory Time, Expiratory Time, PEEP/CPAP, Peak Pressure, Continuous Flow, % Oxygen Mode of Ventilation | Inspiratory Time, Expiratory Time, PEEP/CPAP, Peak Pressure, % Oxygen, Mode of Ventilation, Function Selector Switch |
| Inspiratory Time (sec) | 0.25 to 2 seconds | 0.25 to 0.8 seconds | 0.25 to 2 seconds |
| Expiratory Time (sec) | 0.25 to 20 seconds | 0.25 to 6 seconds | 0.25 to 4 seconds (CMV Mode) 2.5 to 40 seconds (IMV mode) |
| Flow (L/min) | 6, 8, 10, 15 or 20 L/min | 6, 8, or 10 L/min | 10 L/min |
| PEEP / CPAP (cm H₂O) | 0 to 20 cm H ₂ O (mbar) | 0 to 20 cm H ₂ O (mbar) | 0 to 20 (not calibrated) |
| Peak Pressure | 15 to 60 cm H ₂ O (mbar) | 15 to 40 cm H ₂ O (mbar) | 10 – 80 cm H ₂ O (mbar) |
| Oxygen Control | Continuously adjustable from 21% to 100% | Continuously adjustable from 21% to 100% | With air and oxygen supply 21% to 70% With oxygen only supply 45% to 100% |
| MRI Compatible | 3 T | 3 T | 3 T |
| Input Gas Pressure | 40 to 70 psi (2.75 to 4.83 bar) | 40 to 70 psi (2.75 to 4.83 bar) | 40 to 90 psi (2.75 to 6.21 bar) |
| Patient Circuit | Standard with proprietary external expiratory valve | Standard with proprietary external expiratory valve | Special circuit |
| Displays | Manometer -10 to 80 cm H ₂ O (mbar), alarm indicator | Manometer - 10 to 50 cm H ₂ O (mbar), alarm indicator | Manometer, alarm indicator |
| Alarms | High pressure, low gas source, disconnect alarm | High pressure, low gas source, disconnect alarm | High pressure, low gas source, disconnect alarm, low battery |
| Enclosure | 9 lbs, 4 kg 6" H X 8.7" W X 7.8" D (15.2 x 22.1 x 19.8 cm) | 9 lbs, 4 kg 6" H X 8.7" W X 7.8" D (15.2 x 22.1 x 19.8 cm) | 8.3 lbs, 4 kg 4" H x 9" W x 6" D (9 x 22 x 16 cm) |