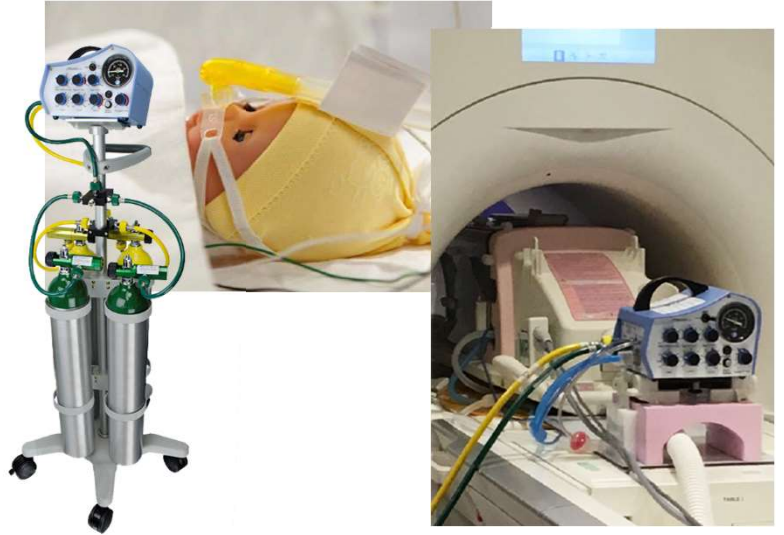


pNeuton® mini



pNeuton mini ventilator with CPAP for infant invasive and non-invasive patient support



- Pure pneumatic operation – no electricity or batteries required
- Patient Range – 400 grams to 25 kg with continuous flow settings of 6, 8, 10, 15 or 20 L/min
- IMV + CPAP or CPAP – use with ET tubes, nasal masks or prongs
- Built-in oxygen mixing – 21 to 100%, to meet the precise needs of your patient
- MRI conditional to 3T – use the mobile stand and remote alarm for safe ventilation next to the MRI magnet

The pNeuton mini ventilator is a whole new approach to neonatal, infant and pediatric ventilation.

The mini operates with no electricity – no batteries – just compressed oxygen and air. With a built-in oxygen blender and precise timing and pressure controls, the pNeuton mini ventilator matches the complexity of pressure-limited ventilation in standard infant ventilators, but without the need for electricity or batteries.



For your referring hospital, delivery room, MRI

The mini is ideal for stabilizing and transporting patients both within the hospital and via air (helicopter/fixed wing) or ground ambulance. It is fully MRI compatible with no gauss line separation restrictions.

The pNeuton mini will provide care of your most fragile patients, from 400 grams to 25 kilograms. Recognized as one of the Top Twenty New Product Innovations in 2012, by *EMS World Magazine*.



Description

- Pneumatically powered for use on neonates and infants
- Patient range: 400 gram to 25 kilogram
- Modes: CMV, IMV + CPAP or CPAP only – continuous flow pressure limited ventilation
- miniFlow Patient Interface supports nasal prong/mask application
- Pressures displayed on night visible manometer
- MRI conditional: static magnetic field of 3 T or less, maximum spatial gradient magnetic field of 720-gauss/cm or less, no gauss line restriction
- Gas consumption: flow setting + 3 L/min oxygen
- Weight: 9 lbs (4 kg)
- Dimensions: 6.0" h x 8.7" w x 7.8" d (15.2 cm x 22.1 cm x 19.8 cm)
- Input gas requirement (oxygen and medical air): 55 psi \pm 15 psi (3.8 bar \pm 1 bar) each gas
- Meets International Standards for transport ventilators:
 - ASTM F1100-90 – Ventilators Intended for Use in Critical Care
 - ISO 10651-3:1997 - Lung Ventilators for Medical Use - Particular requirements for emergency and transport ventilators
 - Airworthiness: RTCA DO-160G – Environmental Conditions and Test Procedures for Airborne Equipment, as applicable

Control Settings

- **Inspiratory time** 0.25 to 2 seconds
- **Expiratory time** 0.25 to 20 seconds
- **Continuous Flow** 6, 8, 10, 15 or 20 L/min
- **Peak pressure** 15 to 60 cm H₂O (mbar)
- **PEEP / CPAP** 0 to 20 cm H₂O (mbar)
- **Oxygen** 21 to 100% \pm 3%, requires oxygen and medical air source

Audible and Visual Alarms

- All pneumatic alarm system (no batteries) with remote alarm output
- Patient circuit disconnection
 - Automatic reset when alarm condition resolves
 - 10-second response, 25-second silence/reset button
 - Pressure: less than 3 cm H₂O
- High pressure – independently adjustable from Peak Pressure
- Low gas source pressure
 - If either source gas drops below 40 psi (2.8 bar)
 - Continues operation as long as oxygen is available

Specifications are subject to change at any time without notice.

The pNeuton ventilators/CPAP systems are critical care devices designed for use by healthcare professionals under the direction of a physician or healthcare provider.



MADE IN THE USA

Intertek



Airon

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