

# MACS® CPAP



## MACS critical care CPAP for hospitals, EMS ground and air transport



MACS, a portable Continuous Positive Airway Pressure System, is designed for critical life support. MACS provides a demand flow system which assures stable pressure delivery with little wasted oxygen.

MACS is designed for CPAP application for those patients in respiratory distress – acute clinical needs for congestive heart failure (CHF), asthma or COPD. MACS can be applied for any patient with severe breathing difficulty – acute respiratory failure (ARF), trauma or near drowning. EMS agencies using mask CPAP have reported a substantial decrease in patient intubations with increased emergency room stabilization.

### Quality CPAP for the Professional

MACS has calibrated controls and a pressure gauge to ensure pressure delivery and continuous patient monitoring. With two quick steps you are ready to go – one knob sets the CPAP level and a switch selects 65% or 100% oxygen. MACS can easily drop into your CPAP protocol and supports inline medication nebulization. Your per-use cost is less due to lower oxygen costs and affordable patient circuits.



## Description

- Low patient Work of Breathing (WOB) with peak flow of up to 140 L/min to meet patient needs
- 100% or 65% to match patient oxygen requirements
- Calibrated CPAP and oxygen controls for easy operation
- Monitor CO2 with invasive/non-invasive CPAP support for spontaneously breathing patients
- Pressures displayed on night visible manometer
- Two oxygen levels; conserve oxygen with 65% setting, double the tank time up to 45-minute CPAP run time on a D cylinder
- Gas consumption: flow setting + 3 L/min oxygen
- Weight: 3 lbs (1.35 kg)
- Dimensions: 6.7 h" x 3.7" w x 8.2" d (17.0 cm x 9.4 cm x 20.8 cm)
- Input gas requirement (oxygen and medical air): 55 psi ± 15 psi (3.8 bar ± 1 bar) each gas
- Meets International Standards:
  - ASTM F 920-85 Minimum Performance and Safety Requirements for Resuscitators Intended for use with Humans
  - ISO 10651-5:2006 Lung ventilators for medical use - Particular requirements for basic safety and essential performance - Part 5: Gas-powered emergency resuscitators
  - IEC 60529:2001 Degrees of protection provided by enclosures, level IPX4

## Control Settings

- **CPAP** 0 to 20 cm H<sub>2</sub>O (mbar)
- **Oxygen** 65 to 100%

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



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