

Bi-Level Constant Air Pressure Device

COVID-19

Dedicated to Innovation



- ⇒ **BIPAP Device**
- ⇒ **Small Footprint**
- ⇒ **Ability to Set Inspiration & Expiration Pressure Independently**
- ⇒ **Ability to Set a Mandatory Respiration Cycle**
- ⇒ **PC Based Monitor Software**
- ⇒ **ASCII & Calibration Data Output**
- ⇒ **Made in USA**

This is a bi-level positive air pressure (BIPAP) device to support respiratory therapy of spontaneously breathing adults weighing over 30kg suffering from COVID-19 disease in traditional healthcare facilities.

The BIPAP device is a non-invasive ventilator designed to be used in non-life-threatening situations, for spontaneously breathing patients, where a patient is in need of breathing assistance but is not in need of invasive ventilator support based on standard medical protocols.

It is an affordable, non-invasive respiratory device that provides support to spontaneously breathing adults. With a one-button approach, it was designed for simplicity, ease-of-use, and comfort.

The machine is for use in hospitals and other healthcare facilities, such as converted emergency care spaces for COVID-19 patients, prison infirmaries, and nursing care facilities.

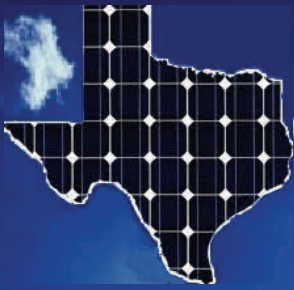
Connector hoses and face masks are sold separately.

- **Avoid intubation.**
- **Free up ventilators for the most critical patients.**
- **Reduce patients time on a ventilator, acting as a therapy before and after endotracheal intubation.**

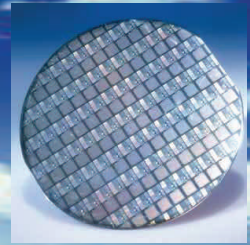


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Technical Specifications + Design Operation Features

DEVICE		MODES
Weight	0.8 kg	<ul style="list-style-type: none"> • Normal Respiration: Pressure changes triggered by patient's normal respiration • Mandatory Respiration Rate: Pressure changes occur at a set interval if not triggered by normal respiration
Dimensions (W x D x H)	12.5 cm x 17.5 cm x 10 cm	
Power Requirement	12VDC, 3A	
Operating Range	4 to 20 cm H2O	
Operating Temperature	10 to 35 degrees C	
BIOMETRICS		PRESSURES
<ul style="list-style-type: none"> • Respiration Rate (RR) cycles/minute • Peak Inspiratory Pressure (PIP) cm H2O: Average plateau pressure value at the end of inspiration • Peak Expiratory Pressure (PEEK) cm H2O: Average plateau pressure value at end of expiration 		<ul style="list-style-type: none"> • 4 to 20 cm H2O • Inspiratory and expiratory pressures adjustable in 1cm H2O units • If inspiratory pressure equals expiratory pressure, nHale behaves as a CPAP machine • Inspiratory pressure must be greater than or equal to • expiratory pressure



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