**Neo-Pod T Specifications:**

- **Size:**
  - Height: 83 mm
  - Length: 118 mm
  - Width: 43 mm
- **Weight:** 180 grams
- **Power Consumption:** 1.7A (max)
- **Temperature Range:** 30˚C - 38˚C

*Deliver the Highest Level of Care During Neonatal Transport.*

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One Size Fits All

Inspired by the unique needs of the neonatal transport team and their patients, the Neo-Pod™ “T” is the first and only disposable active humidification device designed to operate with virtually all ventilation/incubation systems used in neonatal transport. Compact, lightweight and energy efficient, the Neo-Pod T provides the proper heat and humidification of inspiratory gas to help maintain patient body temperature, while preventing drying of airway secretions during mechanical ventilation, nCPAP, or when using high flow nasal cannula oxygen delivery.

Simple, Safe and Effective

The Neo-Pod T is simple to set-up and easy-to-use. A new one-way Quick Connect Power Cable makes insertion and removal effortless. Plus, a new Cartridge Bracket design lets you slip on the disposable LavaBed humidifier cartridge in seconds. You can adjust and monitor the temperature of the LavaBed cartridge between 30˚C - 38˚C. The proven, pass-through humidification design ensures that completely saturated gas is provided to the patient. The internal LavaBed temperature sensor actively monitors temperature. For added safety, a proximal airway temperature sensor enables continuous temperature measurement of the delivered gas at the patient interface.

Proven Protection Made Easy

Here’s how the Neo-Pod T works. Dry gas from the flow meter or ventilator flows through the system’s circuit to the LavaBed humidifier cartridge, where the gas is warmed and humidified. The humidified gas is then directed to the infant through the ventilator circuit, nasal cannula or CPAP setup. Both the internal LavaBed temperature sensor and proximal airway sensor measure the temperature of the delivered gas and feed the signal to the Control Unit for automatic maintenance of the desired temperature. The LavaBed Humidifier Cartridge holds approximately 20 mL of sterile water and is filled with a simple syringe, rather than the cumbersome water-feed system found in other devices. An overflow port automatically prevents over-filling. The LavaBed Humidifier Cartridge is secured inside the transport incubator, which enables the benefits of shorter tubing lengths and virtually eliminates the issues associated with varying temperature gradients that may lead to tubing condensation.

Clinical Studies Confirm

Low admission temperatures in preterm infants have been associated with increased rates of morbidity and mortality. Meyer and colleagues assessed whether admission temperature of preterm infants would be improved by the application of heated and humidified gas at delivery and while awaiting transport to NICU. Adding heated humidified gas resulted in preterm infants from birth achieving higher rates of normothermia at admission. Humidification was also more effective in preventing more severe degrees of hypothermia.

Reference:


Access These Advantages

❖ Helps improve and maintain normothermia after delivery and during transport
❖ Compatible with virtually all transport ventilator/incubator systems
❖ Designed to deliver heated and humidified gas during infant transport to patients on HFNC or CPAP plus intubated patients
❖ Compact, lightweight and energy efficient
❖ Simple to set-up and easy to use
❖ New Quick Connect Power Cable facilitates attachment and removal
❖ New Cartridge Bracket makes it easy to slip the LavaBed on and off
❖ Disposable LavaBed Humidifier Cartridge optimizes pass-through humidification, while minimizing circuit rain-out and temperature gradient
❖ LavaBed temperature can be adjusted between 30˚C - 38˚C
❖ Internal LavaBed temperature sensor and patient airway sensor provide temperature feedback loop for increased safety and peace of mind