

Training and
Confidence for
Neonatal
Ventilation



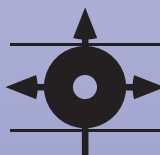
NeoLung[®] To Simulate Your Smallest Patients

Neonatal ventilation has always been a special challenge because of the delicate patients and tiny lungs that you must manage. The added dimension of waveform graphics and new approaches to ventilator management make hands-on instruction critical. Using the NeoLung, you can demonstrate the dynamics of patient-ventilator interaction in a very intuitive, visual fashion ... making respiratory classes and ventilator instruction much more effective. There is no lengthy set-up; you simply connect the lung model to your ventilator and you are ready for a respiratory class, an equipment inservice, or any situation that requires hands-on ventilator instruction.



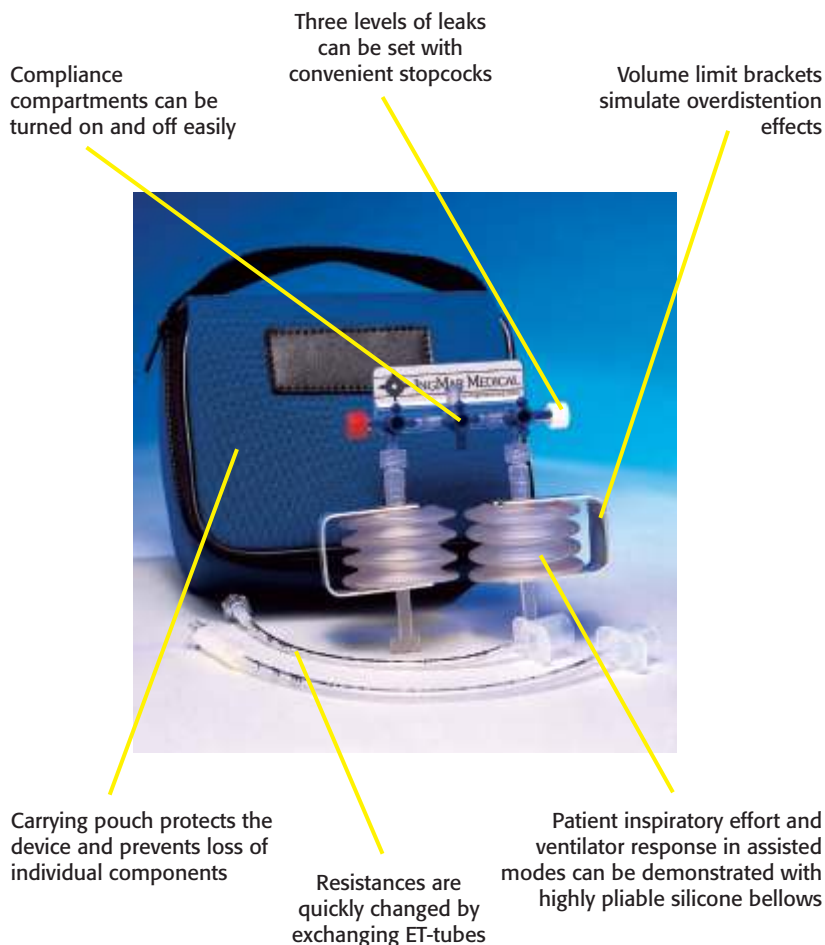
Hands-on training with
no risk to patients

Respiratory Simulation Specialists



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NeoLung – To Simulate Your Smallest Patients



Specifications

NeoLung (Part No. 10 00 100)
Passive Lung Simulator with two independent compartments for simulating neonatal and infant patients. Not intended for ventilator calibration or performance verification.

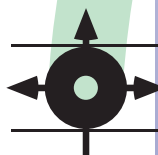
Compliances	1.0, 2.0 mL/cmH ₂ O (approx. values)
Tidal Volume	max 25 cm ³ each bellows
Resistances	100-350 cmH ₂ O/L/s (approx. values) at 10 L/min flow
Leak settings	15, 30, 45% (approx. values)
Overdistension	10, 20 cm ³ limit (V_{Tmax})
Dimensions	6.5 W x 5.5 D x 3 H inches (216 x 165 x 76 mm)
Weight	7 oz. (200 g) (including carrying pouch)
Color	blue (carrying pouch)

Benefits:

- Rapidly change patient parameters to demonstrate phenomena such as auto-PEEP or stacked breaths, overdistention, the "stiff" lung associated with IRDS and the effect of increased resistance caused by ET-tubes.
- Demonstrate the impact of leaks on tidal and minute ventilation, as well as on flow-sensing triggers.
- Realistically show overdistension at different lung volumes.
- Visualize high-frequency ventilation.
- Enhance instruction and demonstration of ventilator graphics capabilities.

**For More Information
Call: 412.441.8228**

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PO Box 10106 Pittsburgh, PA 15232 USA
412.441.8228 Toll free 800.583.9910
www.ingarmed.com