

## Advanced Respiratory Care Training



### ASL 5000 Lung Adapter and Lung Solution

Breathe new life into your simulation with the ASL 5000 Lung Adapter for the SimMan<sup>®</sup> platform. This collaboratively developed solution integrates the world's premier breathing simulator, IngMar Medical's ASL 5000, with SimMan 3G and SimMan Essential.

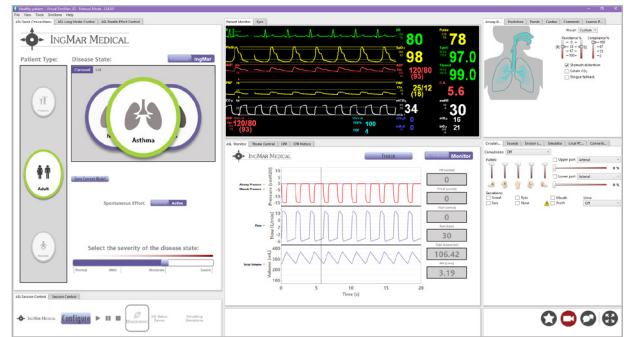
Conduct high-fidelity ventilation management training in anesthesia, critical care, emergency medicine, pulmonology, and respiratory care.

[laerdal.com/ASL5000LungSolution](http://laerdal.com/ASL5000LungSolution)

# ASL 5000 Lung Adapter and Solution

## Specifications:

- Connect to any ventilator – just as you would a real patient
- Simulate a wide, minutely adjustable range of basic lung mechanics
  - Compliance - 0.5 to 250 mL/cmH<sub>2</sub>O
  - Resistance – 8 to 150 cmH<sub>2</sub>O/L/s
- Simulate scenarios with a spontaneously breathing patient supported on a ventilator
  - Set spontaneous effort (0 to -100 cmH<sub>2</sub>O) and rate (passive to 150 bpm)
  - Simulate spontaneous control of breath timing (I:E) ratio
  - Conduct advanced ventilator management scenarios such as patient-ventilator dyssynchrony, weaning trials, and waveform analysis
  - Works with all modes of ventilation including Pressure/Volume Control, Pressure Support, APRV, PAV, HFOV, NIV
- Demonstrate the treatment effects of PEEP at any clinically relevant setting including values > 20 cmH<sub>2</sub>O
- Easily activate pre-programmed respiratory conditions with variable levels of severity including Normal, Asthma, ARDS, Interstitial Lung Disease (ILD), and COPD
  - Create and save an unlimited number of user-defined respiratory conditions including pneumothorax, bronchospasm, pneumonia, cough, cystic fibrosis, flash pulmonary edema, and more
- Compatible with SimMan® 3G, SimMan® 3G Trauma, SimMan® Essential, and SimMan® Essential Bleeding



The IngMar plug-in seamlessly integrates into LLEAP, the Laerdal Learning Application, enhancing the familiar software with real-time ventilation waveforms. Manage both the ASL 5000 and SimMan at the same time from one screen.



Once installed by your Laerdal Field Service Engineer; you can easily switch between the ASL 5000 and standard SimMan lung functionality.

## Ordering Information

212-11950	ASL 5000 Lung Adapter <i>Includes: Physical adapter between the ASL 5000 and SimMan, LLEAP plugin</i>
212-11955	ASL 5000 Lung Solution <i>Includes: ASL 5000 and ASL 5000 Lung Adapter</i>
212-88050	ASL 5000 Lung Adapter Installation
212-89050	ASL 5000 Lung Solution Installation
ASL-EDLL020	Remote Training
ASL-EDLL100	On-site Training



For more information, visit [www.laerdal.com/ASL5000LungSolution](http://www.laerdal.com/ASL5000LungSolution)