



**Laerdal**<sup>®</sup>  
helping save lives



**INGMAR MEDICAL**  
Respiratory Simulation Specialists

## Advanced Respiratory Care Training



### ASL 5000™ Lung Adapter and Lung Solution

Breathe new life into your simulation with the ASL 5000 Lung Solution 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 Lung 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 100 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 software 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.

## Ordering Information

### 212-11955 ASL 5000 Lung Solution

Includes: ASL 5000 Breathing Simulator, LLEAP Software Plug-in, ASL 5000 Lung Adapter

### 212-89050 ASL 5000 Lung Solution Installation

Includes: Installation of IngMar Medical's Lung Adapter, the LLEAP Software Plug-in and the ASL 5000 Breathing Simulator

### 212-11950 ASL 5000 Lung Adapter

Includes: Physical Adapter Between ASL 5000 Breathing Simulator and Compatible SimMan, LLEAP Software Plug-in (Serial Number Needed)

### 212-88050 Lung Adapter Installation

Includes: Installation of IngMar Medical's Lung Adapter and the LLEAP Software Plug-in

### ASL-EDLL020 IngMar ASL 5000 Webinar (Up to 8 People)

To help you quickly master the power of the ASL 5000 Lung Solution, or to refresh your skills, we offer Live Distance Training tailored to your needs. The interactive, online training is conducted via a 2 hour Zoom session by one of IngMar Medical's Clinical Educators. This is hands-on training, where you can ask as many questions as you'd like and follow along using all of your own equipment.

### ASL-EDLL100 ASL 5000 Lung Solution Customer Site Training (Up to 8 People)

Customer-site Training is conducted by IngMar Medical's Clinical Educators at your facility. This training option allows for hands-on, interactive instruction on the ASL 5000 Lung Solution, and it is tailored to the unique needs of the customer. Each session is one full day. This session is approved by the American Association of Respiratory Care (AARC) for 7 continuing education credits.

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



Collaborating to help improve patient outcomes

The ASL 5000 Lung Solution and ASL 5000 Lung Adapter were developed in collaboration with IngMar Medical, the global leader in respiratory simulation.