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RespiSim® Educational Package - *Essential*

With the *Essential* package, IngMar Medical has created an all-in-one respiratory simulation solution that enables intuitive, interactive, and highly effective training. This package combines the world's most sophisticated breathing simulator, the ASL 5000, and our RespiSim software designed to simplify and enhance simulation management. The RespiSim® Software places the advanced patient modeling of the ASL 5000 into the context of multi-stage scenarios which include x-rays, vital signs, ABG values, waveforms, and more!

Additionally, training with a respiratory therapist as well as RespiSim Scenarios are included to help instructors hit the ground running with their simulations! All of the components, including a 15" laptop computer and 24" learner display, are the foundation of what is needed for a highly efficient ventilator management training system.

The Lungs: ASL 5000 Breathing Simulator

A high-fidelity, digitally controlled respiratory simulator that allows you to train for the highest level of patient care, with any ICU ventilator and any mode of ventilation.

- ***Ventilator-grade spontaneous breathing*** means the ventilator cannot tell the difference between the breaths produced by the ASL 5000 and those of a real patient
- ***Simulate any respiratory patient scenario*** using the widest range of resistance, compliance and spontaneous breathing parameters of any simulator including disease states and deteriorating/improving patient states
- ***Build your own patient*** or run one of 80+ pre-configured patient models (apnea, chronic bronchitis, emphysema, neonatal obstruction, neonatal chronic lung disease, adult severe asthma, pediatric asthma, and more!)
- ***Hold PEEP*** at any clinically relevant level, even > 20 cmH₂O
- Seamlessly ***change any lung parameter during the scenario*** remotely and see adjustments to the patient condition reflected immediately
- ***Advanced patient modeling*** including inspiratory vs. expiratory resistance, forced exhalation, and two compartment lung models
- ***Reproducible Patients*** ensure consistent instruction and skills assessment

RespiSim Software

The **NEW** RespiSim Software enhances the use of the ASL 5000 Breathing Simulator as a ventilator management teaching system. Create and control simulations with our brand new intuitive, user-friendly software interface. Features include:

- ***Home Dashboard*** for easy and comprehensive control over all aspects of the simulation
- **Robust scenario building environment** with unlimited patient conditions and unrestricted scenarios
- ***Rich debriefing environment*** including recordings of entire sessions with waveforms and event markers
- **Learner display to show the Patient Monitor application including vitals, lab results, x-rays and ABG values**
- ***Purchase includes 1 software license, able to connect to the ASL 5000 from two devices***
- **Software Updates i.e., minor enhancements, additions, and substitutions to Software, including corrections and bug fixes are provided to licensee at no additional fee, if available.**

15" Laptop Computer

Dedicated Control Module that allows instructors to stay in control of the simulation and give learners the full view of patient-ventilator interactions

24" Learner Display

Device the learner(s) uses which displays the Patient Monitor application and additional assessments such as x-rays, ABGs, labs and case descriptions

RespiSim Scenarios

Developed in collaboration with leading educators, RespiSim Scenarios save instructors time by providing a comprehensive, multi-media package of materials that describes and demonstrates a concept or scenario within the subject of mechanical ventilation. [View RespiSim Scenarios here.](#)

Technical Setup Call

Speak with a Service Technician to ensure your equipment is set up and working properly upon receiving it.

Virtual Training

Basic Software Use - 2 Hours

The RespiSim Software has been completely redesigned by educators for educators. A Clinical Educator will guide learners through the methodology and navigation of the RespiSim Software basics, including the building and saving of lung models.

Scenario Building Part 1 - 2 Hours

A Clinical Educator will guide learners through the methodology and navigation of the RespiSim Software Scenario Map and Worksheet sections, loading and running existing scenarios, as well as building your own.

Scenario Building Part 2 - 2 Hours

A Clinical Educator will guide learners through the advanced features of scenario building to finely tune customized scenarios to enhance realism. The debriefing section of the software is also covered to help educators analyze learners' performance.

SUGGESTED OPTIONS (not included in the bundled RespiSim Essential package)**Upgrade to Customer-Site Training**

Upgrade from included Virtual Training replaced by customer-site training. Upgrade consists of two consecutive days with 9 hours of CRCE credit earned through the AARC. The RespiSim Software has been completely redesigned by educators for educators. A Clinical Educator will guide learners through the methodology and navigation of the RespiSim Software including lung model design, scenario development and execution, debriefing and more...

Remote Consultation

IngMar Medical provides consultation services customized to your individual needs for respiratory care simulation. Consult with a product specialist so that we can help you accomplish goals.

1-Year Extended Warranty for RespiSim Essential Package

1-year extension of manufacturer's warranty. Covers repairs due to manufacturer's defects or workmanship. Does not cover damages resulting from improper use, negligence, disassembly, unauthorized service and unauthorized modification. Computer/monitors are excluded from warranty. Initial purchase only. Does not include calibration. Initial purchase only, up to 8.

2-Year Service Plan for RespiSim System

Once within this period, at a time of customer's choice, the following services will be performed to the ASL 5000: inspection of the ASL 5000, calibration with data, replacement of piston seals and lubrication of moving parts. Does not include cost of shipping.

not included
in quote

 **Ventilator Interface Kit**

Retrieval of all ventilator parameters (including alarm information and mode settings) for recording and debriefing. Compatible with ventilators from most major manufacturers - it is the client's responsibility to ensure compatibility before purchase. Requires RespiSim Software to operate. [View list of compatible ventilators here.](#)

Prices do not include applicable sales tax, customs or duties and are FOB Pittsburgh.

Conditions: All sales are subject to "Educational Tools, Terms and Conditions of Sale" in its most current form.

Payment Terms: Net 30 Days

Warranty: 1 year from date of delivery and is not transferrable.

Lead Time: 6-7 weeks from date of order confirmation. Subject to change.

When placing your order, please indicate the interval (12 months, 24 months, other) you would like to have your ASL 5000 re-calibrated. Orders without this information will have the Calibration Certificate and Sticker show a recommended 24 month recalibration date.

IngMar Medical's guard band to measured values equals 70 percent of a tolerance (standard tolerance minus standard measurement uncertainty) range. Unless requested by the customer or legal entity, outgoing data from the calibration lab will always fall within the set 70 percent guard band of the standard observed value.

ITEM NO.	DESCRIPTION	UNIT PRICE (USD)
31 00 117	RespiSim® System Educational Package - Essential . Includes Technical Setup Call . Includes 6 hours Virtual Training . Includes 3 RespiSim Scenarios . Includes 1 software license; connect to ASL 5000 from up to 2 devices . Software Updates i.e., minor enhancements, additions, and substitutions to Software, including corrections and bug fixes are provided to licensee at no additional fee, if available	\$38,895.00
	2-year Service Plan for RespiSim System Includes one calibration. First calibration included with purchase of 31 00 117. Does not include cost of shipping.	\$749.00
	Shipping via IngMar Medical UPS Account - not to exceed Shipping insurance is NOT included, unless requested	\$95.00

Shipping included on this quote is an estimate - you may request a more accurate estimate by providing your ship to address. If shipping is not added to your Purchase Order, it will be shipped via IngMar Medical prepay and add and this amount will appear on your order confirmation and invoice. To ship via your own account, provide the account name and number on your Purchase Order. Shipping insurance included only upon request.

Please contact me with any questions.

Alisha Frederick X. 141 afrederick@ingmarmed.com

A purchase order is required and needs to be faxed, mailed or emailed to IngMar Medical.