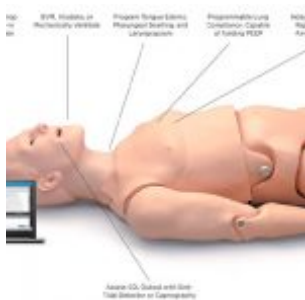


# DYNAMIC AIRWAY AND LUNG COMPLIANCE - UNI

PRODUCT NUMBER: 1312



## DESCRIPTION:

Full-body, computer-controlled patient simulator designed for training respiratory care students and professionals on the treatment and management of respiratory diseases using a real mechanical ventilator.

## SKILLS:

- Oral and nasal intubation
- Mechanical ventilation and lung compliance exercises
- BVM ventilation
- Pulmonary auscultation

### MORE THAN SIMULATORS S.L.

Calle de la Hoya, 4 2º  
44570 Calanda (Teruel)  
Spain

### CONTACTO

sales@morethansimulators.com  
(+34) 936 06 77 05 / (+351) 21 123 85 18  
<https://morethansimulators.com>

## CASES AND PATHOLOGIES:

### PRE-INSTALLED SCENARIOS:

- The new HAL® Simulation Learning Experiences (SLEs) provide you with a library of ready-to-use, evidence-based scenarios designed to help you maximize participant's learning through outcome-focused simulated clinical patient encounters.

- Asthma
- Chronic Bronchitis
- CHF
- Emphysema
- Pneumothorax

## CHARACTERISTICS:

- Articulating adult HAL® full-size body
- Intubatable and programmable airway
- Programmable lung compliance
- Independently control right and left side airway resistance
- Supports assisted ventilation at variable respiratory rates
- Simulate life-threatening auto-PEEP and tension pneumothorax
- Exhales real and measurable CO<sub>2</sub>
- Assess CO<sub>2</sub> output with end-tidal detector or capnography
- Vary lung mechanics throughout your entire simulation exercise
- Receive real-time feedback from real mechanical ventilator
- BVM, intubate, or mechanically ventilate
- Program tongue edema, pharyngeal swelling, and laryngospasm
- Practice intubation and difficult airway management
- Ten levels of static compliance, 15-50 ml/cm H<sub>2</sub>O
- Capable of holding therapeutic levels of PEEP
- Real CO<sub>2</sub> exhalation
- Specify inspiratory time and rate, inspiratory/expiratory ratio
- Change lung resistance/ compliance "on-the-fly" and see results on a real ventilator which are recorded on the laptop
- Set inspiratory effort rate to trigger the ventilator
- Four anterior and four posterior lung sounds
- Use our pre-programmed pathologies or create your own
- Create scenarios using our proven, easy-to-use, HAL® software
- Connect our simulator to your real ventilator, which can be set by volume or pressure

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## INCLUDE:

- 1 HAL full body simulator
- 1 UNI Laptop PC (simulation controller)
- 1 RF module
- 1 Set of accessories
- 1 Instructions manual

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