S3000 - HAL® S3000 - Wireless and Tetherless, Prehospital and Nursing Care Patient Simulator
Order code: **4108.S3000**

Information about product price on demand

Parameters

Quantitative unit	ks

HAL® is an effective simulation tool for training prehospital and nursing care students and professionals. Use HAL to train individual and team skills at the point-of-injury, during transport, and in the hospital, in both real and simulated environments. HAL is completely self-contained and wireless, making it easy to transport and to set up.

eCPR™ Training using real-time CPR quality metrics and smart coaching. Real EtCO$_2$ capability.

Train oral or nasal intubation: ETT, LMA, King LT, or via tracheostomy or needle cricothyrotomy.

IV access for bolus and infusion exercises

Blood pressure can be taken using our realistic BP cuff via palpation or auscultation methods.

Bilateral carotid, radial, brachial, femoral, and pedal pulses operate continuously. Pulse strengths vary with HAL's blood pressure, and pulses

are synchronized with the ECG.

Includes wireless tablet PC and UNI® simulator control software.

HAL's physiological features allow learners to monitor and manage an infinite number of simulated conditions using real tools and medical devices. HAL's conductive skin regions support ECG monitoring in real-time, pacing, cardioversion, and defibrillation using real equipment.

Attach real electrodes and view HAL's ECG generated in real-time. 4-Lead ECG sites are included; 12-Lead ECG option shown.

Here pacing therapy converts HAL's profound bradycardia into paced ventricular rhythm. HAL can be paced anteriorly at the defibrillation sites

Includes the new HAL® Simulation Learning Experiences™ package.

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. The package includes 10 SLEs complete with a facilitator's guidebook for planning, setting up, and facilitating each learning experience:

- Acute Anterolateral Myocardial Infarction
- Acute Sepsis Related To Diabetic Ulcer
- Atrial Fibrillation
- COPD Exacerbation
- Diabetic Ketoacidosis
- Opioid Overdose
- Pulmonary Embolism
- Sepsis Related To Pneumonia
- Severe Sepsis
- Supraventricular Tachycardia

The UNI® interface design is shared across our growing line of 15+ computer-controlled patient simulators, so you can easily operate any Gaumard product without retraining, thus saving your program valuable time and money.

Preconfigured and Ready

UNI comes preloaded and preconfigured on the rugged 12" wireless tablet PC included with the package.

3D Patient Visualization Monitor

This real-time 3D view of the patient ensures you never lose track of provider/patient interaction during the simulation.

Scenario Designer

Create your own scenarios quickly and easily and share them with other UNI® users.

eCPR™

Monitor rate and compression depth, noflow time, ventilation rate, and excessive ventilation; smart trainer features vocal cues and outputs performance reports.

Lab Report Designer

Generate and share simulated diagnostic lab results to enhance case fidelity and participant involvement.

Questionnaire Form Designer

Manage progress by easily creating interactive checklists to track participant objectives and post-simulation feedback.

Time-stamped event recording and reporting

The automated event tracking and interaction recorder ensures important events are always captured so you can focus on the action

Provider Actions Tracker

The interactive "Actions" panel lets you carefully track additional team and individual provider actions to generate a comprehensive post-simulation log.

UNI® Control View Replay

The built-in recorder captures UNI's screen as data to allow your team to review the simulation from the operator's chair.

No annual software license fee

Gaumard is committed to providing the best value and to keep your program's operating costs down year after year.

Free software updates

Always stay up to date and take advantage of all the newest features at no additional cost.

General

- Wireless and tetherless; fully responsive even while being transported
- Internal rechargeable battery provides up to 6 hrs. of tetherless operation

Neurologic

- Active Eyes; programmable blink rate, pupil size, and pupil reaction
- Severe or mild seizures
- Preprogrammed speech responses
- Wireless streaming voice; be the voice of HAL® and listen to replies

Airway

- Oral or nasal intubation: ETT, LMA, King LT
- Programmable difficult airway: laryngospasm, pharyngeal swelling, tongue edema
- Sensors detect depth of intubation
- Surgical airway: tracheostomy or needle cricothyrotomy
- Unilateral chest rise with right mainstem intubation
- Multiple upper airway sounds

Breathing

- Control rate and depth of respiration and observe spontaneous breathing
- Ventilation is measured and logged
- Gastric distension with excess BVM ventilation
- Select independent left, right, upper, and lower lung sounds
- Visible chest rise during BVM ventilation

- Tension pneumothorax and bilateral needle decompression sites
- Bilateral chest tube sites at 5th intercostal space
- Real CO_2 exhalation (optional)

Cardiac/circulation

- Normal and abnormal heart sounds, rates, and intensities
- ECG monitoring using real devices
- 4-Lead ECG sites are standard; 12-Lead ECG option is available.
- eCPR sensors: chest compressions are measured and logged
- Bilateral IV sites
- Measurable blood pressure with audible Korotkoff sounds
- Visible cyanosis
- Bilateral carotid, radial, brachial, femoral, popliteal, and pedal pulses

Other

- Bowel sounds in four quadrants
- Male urinary catheterization with fluid return

Optional features

CO_2 Exhalation

S3000.078

Real CO_2 exhalation. 10 programmable levels of CO_2 output. Option only available at time of initial purchase.

12-Lead ECG

S3000.120

Train ECG interpretation and MI management using your real native 12-lead equipment. Select rhythms from the built-in library, design your own using the point-by-point PQRST wave editor. Train to improve MI diagnosis, management, and prognosis. Simply point-and-click on the 3D heart to generate an MI visible on a real 12-lead ECG reading.

Defib-pacing snap sites

S3000.125

Snap-compatible defibrillation posts. Option only available at time of purchase.

Gaumard Vitals™ Bedside Virtual Monitor

S3000.001.R2

GAUMARD Vitals lůžkový virtuální monitor. Včetně jedné GAUMARD licence k virtuálnímu pacientskému monitoru.

Gaumard Vitals™ Portable Virtual Monitor

S3000.002

Gaumard Vitals portable virtual monitor. One Gaumard Vitals patient simulator license.

Trauma limbs

- Amputated leg - S3000.004
- Amputated arm - S3000.005

Wound kits

- Emergency - WK100
- Burn - WK105
- Trauma - WK110
- Casualty - WK120

Intraosseous leg

S3000.028R

8 holenních kostí a kůží