



Gaumard®
Simulators for Health Care Education



HAL® S3000

Wireless and Tetherless Prehospital and Nursing Patient Simulator

- Programmable airway, breathing, and circulation
- Real-time CPR monitoring and feedback
- Advanced surgical airway
- Real ECG monitoring and defibrillation
- Wireless and tetherless mobility



From point-of-injury to hospital care, HAL® takes training to the next level

HAL® is an excellent solution for prehospital and nursing care training. 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 set up.



Real-time CPR monitoring and feedback, quality metrics, and smart coaching. Real EtCO₂ 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 measured using our realistic BP cuff via palpation or auscultation.



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.



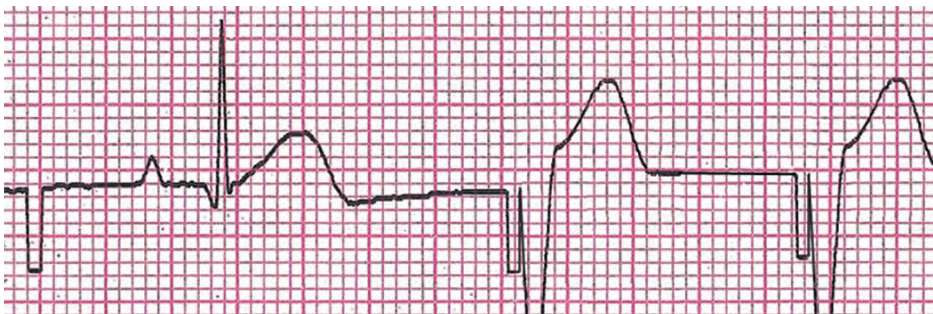
Includes wireless tablet PC and UNI® 3 simulator control software.

Mastering cardiac care with HAL

HAL empowers learners to train in managing cardiac conditions using real tools and medical devices. Conductive skin regions support real-time ECG monitoring, pacing, cardioversion, and defibrillation using authentic 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 HAL® Simulation Learning Experiences™ package

The HAL Simulation Learning Experiences (SLEs) provide you with a library of ready-to-use, evidence-based scenarios designed to help you maximize participants' 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



Elevate your training with the all-new UNI® 3

UNI 3 is our most capable patient simulator control software ever. Manage vitals, track performance, and debrief with faster and easier-to-use tools designed to help you facilitate even complex scenarios with ease.

Unified control platform

UNI 3 powers all PC-controlled Gaumard simulators, making it simpler to operate different Gaumard models and manage scenarios.

Powerful physiological controls

Easily adjust vital signs on-the-fly or automate physiological changes and responses using the included turnkey Simulation Learning Experiences scenarios.

Scenario designer

Create your own custom scenarios tailored to your learning objectives and offer participants a wide range of standardized, repeatable learning events.

12-lead EKG designer

Design your own rhythm using the point-by-point PQRST wave editor or generate a simulated myocardial infarction using the interactive 3D heart model (12-lead chest skin required).

Real-time CPR feedback

Monitor CPR performance metrics in real-time, enhance training with audible cues, and export performance reports.

Time-stamped event log

Automated event tracking ensures important events are always captured so you can focus on the action.

User management

Create users and manage access permissions for user-generated content, including scenarios, patient profiles, and more.

Preconfigured and ready

UNI 3 is preconfigured on the lightweight control tablet PC included with your patient simulator package.

Complimentary webinar training

Sign up for live, instructor-led monthly webinar sessions and become a UNI 3 expert at your own pace.

Features

General

- Wireless and tetherless; fully responsive even while being transported¹
- Internal rechargeable battery provides up to 6 hrs. of tetherless operation²

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: ETTs and SGAs
- 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 CO₂ exhalation (optional)³

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.
- Real-time CPR feedback
- Bilateral IV sites
- SpO₂ monitoring using real devices
- Measurable blood pressure with audible Korotkoff sounds
- Visible cyanosis
- Bilateral carotid, radial, brachial, femoral, popliteal, and pedal pulses
- Intraosseous access at tibia

Other

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

HAL® S3000

S3000.PK 

HAL S3000 Adult Patient Simulator, Microsoft Surface Pro, UNI 3 license, SLE scenario package, RF communications module, Bluetooth communications module, battery charger, BP cuff, surgical trachea kit, needle decompression sites, accessories, user guide. One-Year Limited Warranty. Extended service plans available. Skin tones available at no extra charge. Patented; other patents pending.

CO₂ Exhalation

S3000.078

Real CO₂ exhalation. 10 programmable levels of CO₂ 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 and 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

30080154B

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

Gaumard Vitals™ Portable Virtual Monitor

30081003A

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**

Care in Motion™ Mobile Video Debriefing System

CIM.PK

Care in Motion Tablet PC, 3 battery-powered HD wireless cameras, 3 adjustable camera grips, transport case. One-Year Limited Warranty. Extended service plans available.

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