HAL® S3000

Wireless and Tetherless Prehospital and Nursing Patient Simulator

- Programmable airway, breathing, and circulation
- eCPR™ - CPR effectiveness monitoring
- Advanced surgical airway
- Real ECG monitoring and defibrillation
- Wireless and tetherless mobility for care in motion training
- Airworthiness Certified

HAL® S3000 | A Proven Tetherless Simulator

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, 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. HAL's ECG features physiologic variations in rhythm, never repeating textbook patterns

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

HAL® S3000 | A Proven Tetherless Simulator

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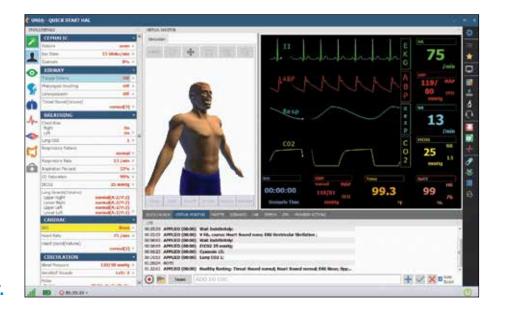
3D Patient Visualization Monitor
This real-time 3D view of the patient ensures you never lose track of provider/patient interaction during the simulation.

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

eCPR™
Monitor rate and compression depth, no-flow 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.

Free webinar training and technical support
Sign up for monthly webinar sessions and become a UNI® expert.

Visit us online gaumard.com

Toll-Free USA & Canada 1.800.882.6655 | Worldwide 305.971.3790

HAL® S3000 | A Proven Tetherless Simulator

General

- Wireless and tetherless; fully responsive even while being transported[1]
- Internal rechargeable battery provides up to 6 hrs. of tetherless operation[2]

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
- Accommodates assisted ventilation including BVM and mechanical support
- Tension pneumothorax and bilateral needle decompression sites
- Bilateral chest tube sites at 5th Intercostal space
- Optional Real EtCO$_2$[3]

Cardiac/circulation

- Normal and abnormal heart sounds, rates, and intensities
- ECG monitoring using real devices
- 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

HAL® S3000

S3000.PK

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

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[3].

UNI® Automatic Mode System

S3000.400R

Virtual drug recognition arm system. UNI® Automatic Mode license.

Defib-pacing snap sites

S3000.125

Option only available at time of initial purchase.

GAUMARD Vitals™ Bedside Virtual Monitor

S3000.001.R2

GAUMARD Vitals™ bedside virtual monitor. One GAUMARD Vitals patient simulator license.

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 tibia bones and skins

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.

Request a Quote

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Simulators for Health Care Education