HAL® S1000
Advanced Life Support and Emergency Care
Wireless Patient Simulator

- Intubatable and programmable airway
- Defibrillate, cardiovert, and pace using real equipment
- Needle decompression and chest tube
- eCPR™ - CPR effectiveness monitoring and smart trainer
- Streaming voice
- Wireless and tetherless
Simply The Best Valued Patient Simulator for ALS and Emergency Response Training.

HAL S1000 is a wireless, computer-controlled, full-body patient simulator explicitly developed for immersive emergency response and advanced life support simulation-based training. HAL offers participants the opportunity to practice hands-on, using real equipment, and in real environments to improve knowledge, skills, and teamwork.

**UNI® SIMULATOR CONTROL INTERFACE INCLUDED**

The UNI simulator control software provides you with all the tools you need to deliver a rich simulation experience from one intuitive interface. UNI features precise touch-based controls, task automation, real-time feedback, and automatic data capture tools designed to operate seamlessly during even the most complex scenarios.

- Drive scenarios on-the-fly or using preprogrammed scenarios
- Precise physiological control over cardiac, breathing, and circulation parameters
- Monitor and analyze CPR quality performance in real-time
- Export CPR performance reports for debriefing

**PERFORM CHEST COMPRESSION AND VENTILATIONS**

Compress the chest hard and fast; feel the realistic recoil after each compression.

**PULSE SITES SYNCHRONIZE WITH BP AND HEART RATE**

Carotid, femoral and radial pulses operate continuously and are synchronized with the ECG.

**INTUBATABLE AND PROGRAMMABLE AIRWAY**

Use NP/OP/ET/LMA tubes. Program tongue edema and laryngospasm.
HAL® S1000 | Emergency Patient Simulator

DEFIBRILLATE, CARDIOVERT & PACE USING REAL EQUIPMENT
Defibrillate cardiovert and pace using real EMS equipment and see HAL's ECG on your real AED.

WIRELESS STREAMING VOICE
Be the voice of HAL and hear caregiver responses. Create and store vocal responses or select from 80+ pre-recorded phrases.

WIRELESS AND TETHERLESS
HAL is completely self-contained and wireless and fully operational on battery for up to 5 hours.

REAL-TIME CPR FEEDBACK
Monitor compression depth and rate, ventilations, “no-flow” time, and number of cycles. Export performance reports for debriefing.

BILATERAL IV ARMS
Bilateral IV training arms that can be used for bolus or intravenous infusions as well as for draining fluids.

VIEW DYNAMIC ECG
View dynamic ECG on a real ECG monitor. AED shown converting HAL's ventricular fibrillation.

SPONTANEOUS CHEST RISE AND REALISTIC HEART AND LUNG SOUNDS
Program variable respiratory patterns and heart and lung sounds.

NEEDLE DECOMPRESSION AND CHEST TUBE
HAL® supports bilateral needle decompression and chest tube placement.

SURGICAL TRACHEA
Realistic surgical trachea allows tracheostomy or needle cricothyrotomy.
Pulse strengths vary with HAL’s
Automatic bilateral carotid and femoral
Blood pressure can be taken on
eCPR™ Real-time quality
Multiple heart sounds, rates,
Multiple lung and breath sounds
Bilateral IV training arms
Supports chest tube placement
Supports needle decompression
Unilateral chest rise simulates
Supports assisted ventilation via bag-valve-mask
Unilateral chest rise simulates tension pneumothorax
Supports needle decompression bilaterally at second intercostal
Supports chest tube placement
Bilateral IV training arms
Multiple lung and breath sounds with volume control
Multiple heart sounds, rates, and intensities
eCPR™ Real-time quality feedback and reporting
› Compression depth/rate
› No-flow time
› Ventilation rate
› Excessive ventilation
› Smart CPR voice coach
Blood pressure can be taken on left arm using a modified cuff, palpation, or auscultation
Automatic bilateral carotid and femoral pulses and left brachial and radial pulse
Pulse strengths vary with HAL’s blood pressure, and pulses are synchronized with the ECG
Detected placement of oxygen saturation sensor on left index finger
Conductive skin regions support defibrillation and pacing with live energy and real equipment
Deliver electrical therapy to conductive skin patches or snap connectors
Intraosseous access at right tibia
View dynamic ECG in real-time using real equipment
Track the actions of up to six care providers via the UNI interface
Links with optional audio-visual system
Programmable bowel sounds
FCC, IC, CE
Skin tones available at no extra charge
Tetherless Adult Patient Simulator
Laptop PC; UNI® license
Preprogrammed scenarios
Battery charger, BP cuff, surgical trachea kit, pneumo. decompression sites, user guide
One-Year Limited Warranty
Extended warranty plans available
Upgrade the control PC to a lightweight wireless tablet.
Pen and touch-enabled UNI®
Windows® operating system supports standard Windows® applications, documents, and USB peripherals
Option only available at the time of order
Enables real and measurable CO₂ exhalation with every breath
10 programmable levels of CO₂ output
Option only available at the time of order
Interchangeable female and male genitalia with internal urine bladder Foley catheterization exercises
Option only available at the time of order
S1000.120
Bedside Virtual Monitor
S1000.002
Wired Virtual Monitor Screen
S1000.001
Modified Defibrillation Cables for Physio-Control® Devices
S1000.127
Modified Defibrillation Cables for Zoll® Devices
S1000.128
Schedule a Quote
www.gaumard.com
Toll-Free USA and Canada 1.800.882.6655
Worldwide 305.971.3790
Sales/Customer Service sales@gaumard.com

Battery life estimates dependent on active features and settings; results may vary. Priced without options, discounts, or special offers. Taxes and other fees not included. Extended service plans, product installation, and training services are available. Product design and price subject to change without notice. Patented; other patents pending. © 2018 Gaumard Scientific. All Rights Reserved. BR.175.01. All other trademarks cited herein are the property of their respective owners. MADE IN USA.