



HAL[®] S315 SKILLS TRAINERS

Adult Airway, CPR, &
Auscultation Skills Trainers

- Lifelike airway anatomy
- Rugged exterior and resilient chest recoil
- Advanced eCPR[™] feedback and reporting
- Automatic pulses and breathing with spontaneous chest rise (ROSC)
- Defib using real AED



HAL® SKILLS TRAINERS | Adult Airway Management and CPR

A family of skills trainers for adult airway management, CPR, and auscultation training.

HAL® CPR+D Trainer with OMNI®2

S315.600.250.PK



HAL® CPR+D Trainer

S315.500.M2.PK



HAL® Adult Multipurpose Airway and CPR Trainer

S315.400.M2.PK



HAL® Airway and CPR Trainer with Heart & Lung Sounds

S315.300.M2.PK

S315.300.M2.250.PK

Available with OMNI 2



HAL® Adult Multipurpose Airway and CPR Trainer

S315.100.M2.PK

S315.100.250.PK

Available with OMNI 2



HAL® Airway and CPR Trainer

S315.M2.PK

S315.M2.250.PK

Available with OMNI 2



●●● Skin tone options available at no extra charge

Simulated images. Product shown with optional OMNI 2.

Easy-to-use, durable, & portable hands-on BLS training

Whether for outreach or professional development, the new HAL S315.600 is a great addition to every BLS algorithm training curriculum. Practice assessing breathing, performing quality CPR, delivering a shock, and recognizing the return of spontaneous circulation. HAL is the portable, all-in-one training solution for every basic life support training need.



Monitor CPR quality in real-time with the new OMNI 2



Illustrate shockable and non-shockable EKG with 20+ rhythms



Perform nasal and oral intubation with real standard adjuncts



Visualize realistic chest rise with BVM ventilation



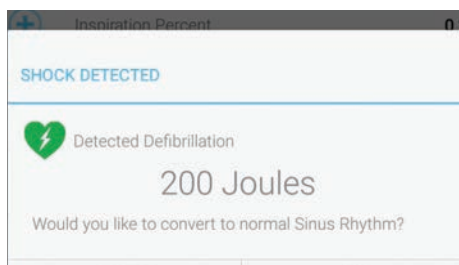
Identify proper chest rise and pulses without add-on items



Monitor and cardiovert rhythms using a real AED/defibrillator



Defibrillate directly on patches or pad-free posts numerous times



Receive immediate feedback on your actions and select the responses



Check for return of spontaneous circulation



Automatically detect and record events for easy debriefing



Airway and breathing

- Realistic tongue, vocal cords, and trachea
- Practice nasal and oral intubation with realistic tongue, vocal cords, and trachea. Supports ETT, supraglottic airway device, i-gel®, King LT™, and more.
- Illustrate head tilt/chin lift and jaw thrust
- Gastric distension with esophageal intubation and/or excessive ventilation
- Right mainstem intubation presents unilateral chest rise
- Visible chest rise with bag-valve-mask ventilation
- Spontaneous breathing (Automatic)
- Ventilation detection sensors

Circulation

- Anatomically correct landmarks for proper CPR hand placement
- Realistic chest cavity resistance and recoil
- Chest compression depth sensor
- Real-time CPR feedback
- Effective chest compressions generate palpable carotid pulses
- Monitor and cardiovert rhythms using a real AED/defibrillator
- Illustrate 20+ shockable and non-shockable EKG rhythms
- Deliver up to 360 Joules of real energy to skin patches or snap connectors
- Palpable carotid pulses with variable rate synchronized with EKG
- Available with 4-lead ECG site option to support real-time ECG monitoring using real equipment. (S315.600.250.PK1)

Performance monitoring

- Real-time CPR quality feedback
 - » Compression depth and rate
 - » Ventilation rate
 - » Excessive ventilation
 - » No-flow time
 - » CPR cycles
- CPR metronome: audible tones help guide correct compression and ventilation rate and ratio
- Compliant with current adult resuscitation guidelines
- Built-in resuscitation algorithm checklists for tracking individual and team actions

OMNI® 2 features

- Built-in wireless connectivity with a range up to 30 ft.
- OMNI® 2 wireless touchscreen tablet
- Optimized vital sign controls for on-the-fly operation
- Built-in library with 20+ cardiac rhythms and options
- Compatibility with optional virtual vital signs to display 10+ parameters for delivering post-cardiac arrest care
- Alternate virtual shock function capability
- Session log records provider actions, vital signs, CPR metrics, and comments

Debriefing tools

- eCPR™ performance report provides averages for each CPR metric and cycle
- Save, email, and print CPR performance reports for debriefing and archiving

HAL® S315.600 CPR+D Skills Trainer with OMNI® 2

S315.600.PK ●●●
 HAL® S315.600 Skills Trainer, OMNI® 2 Controller, carrying case, user manual, and power supply.



HAL® S315.600 CPR+D and ECG Skills Trainer with OMNI® 2

S315.600.250.PK1 ●●●
 HAL® S315.600 Skills Trainer with 4-lead ECG sites, OMNI® 2 Controller, carrying case, user manual, and power supply.



HAL® S315.600 CPR+D Skills Trainer with OMNI® 2 full-body option

S315.600.250.705 ●●●
 Enhance skills training and run scenario-based exercises with the full-body configuration.



GAUMARD Vitals™ Portable Virtual Monitor

S315.600.250.002
 Portable GAUMARD Vitals™ virtual patient monitor. Simulates 20+ dynamic numerical parameters and waveforms. Customizable interface.

Modified defib cables

Philips® - **30080373B**
 Physio LIFEPAK® - **30080375B**
 Zoll® - **30080374B**

HAL® S315.500 | CPR+D Trainer

Great features. Zero power required.

Gaumard's innovative green technology allows HAL to store the energy generated by chest compressions to power its amazing features.

Without the use of batteries or power cords, HAL is capable of recording CPR quality and performance metrics, presenting realistic chest rise and palpable pulses after resuscitation, and more.

Take your training to more places and reach more people with the convenience of truly tetherless technology.



Electronics powered by chest compressions.
No external power required.



Intubatable airway with lifelike tongue, vocal cords, and trachea



Monitor ventilations and observe realistic chest rise



Real-time ventilation and compression feedback with coaching tones



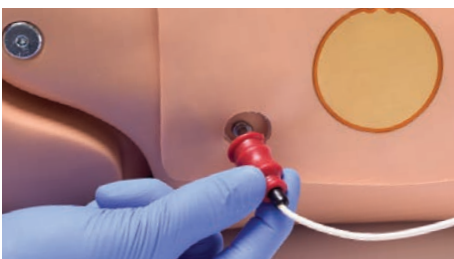
Select sinus rhythm, ventricular fibrillation, or asystole detectable on your native monitor



Attach your AED pads directly and defib using real energy



ROSC after defibrillation; automatic pulses and visible chest rise



Shock directly to pad-free posts



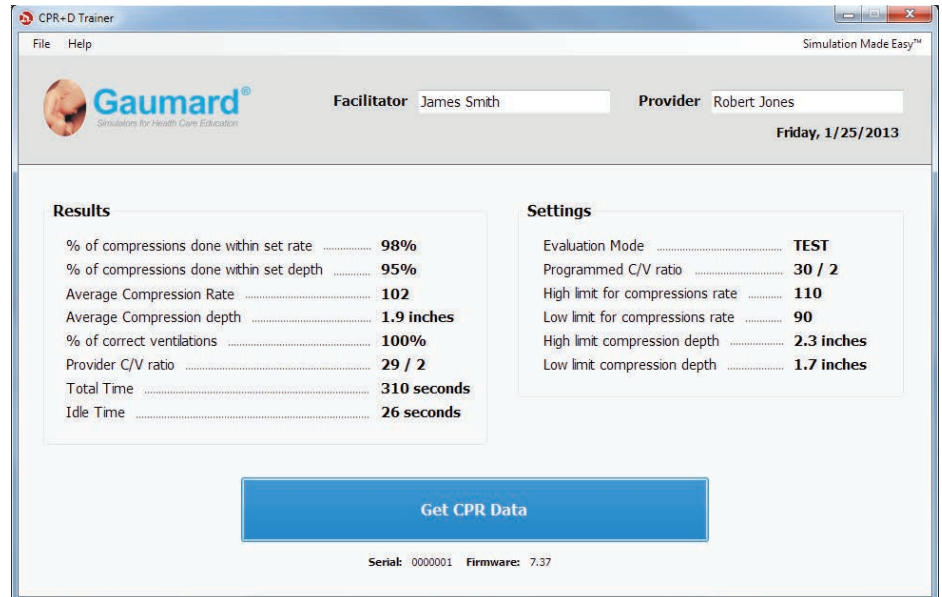
Advanced feedback and reporting during and after the training



Easily refill the automatic breathing system for the next session

Advanced feedback, reporting, and control.

The CPR+D controller captures detailed performance values for each CPR metric. Connect the controller to a PC to review and export the results.



Features

- Intubatable airway with tongue, vocal cords, and trachea
- Realistic head tilt/chin lift and jaw thrust
- Realistic chest cavity allows students to experience the correct force needed to perform proper chest compressions
- Anatomically correct landmarks for proper hand placement
- Proper chest compressions result in palpable carotid pulses
- Attach real AED pads directly to the conductive skin. Shock the simulator using your defibrillator just like a real patient. Your AED will display the simulator's ECG
- Automatic pulses and breathing with realistic chest rise

During training

For student:

- Coach mode: audible tones guide chest compressions
- Test mode: no guidance provided during test

For instructor:

- Screen on hand-held controller provides compression depth and ventilation effectiveness in easy-to-interpret bar graph format
- Screen prompts instructor when student must compress faster or slower, softer or harder
- Instructor can view real-time compression rate
- Screen reports defibrillation energy

After training

Instructor views student's performance including:

- » Average compression rate per minute
- » Percent compressions in proper rate range
- » Average compression depth
- » Percent compressions in proper depth range
- » Percent ventilations in proper ventilation volume range
- » Actual compression/ventilation (C/V) ratio
- » Exercise duration
- » Idle time
- » Reporting metrics stored in the controller's flash memory can be transferred to a computer using the controller's USB port

Control

Adjust/change feedback and reporting metrics:

- » Proper C/V ratio
- » High and low compression rate limits
- » High and low compression depth limits (in or cm)
- » Proper ventilation volume
- » Manual cardioversion upon defibrillation
- » Program ECG rhythms; choose sinus, ventricular fibrillation, or asystole. Selected ECG rhythm will be seen on your real AED
- » Activate automatic carotid pulse and/or breathing

HAL® S315.500

S315.500.M2.PK



Full-size adult male head and torso, hand-held controller with connection cable, carrying bag, and User Guide.

HAL® S315.400 | Advanced Multipurpose Airway Trainer

The HAL S315.400 advanced airway trainer allows learners to practice recognizing and managing a difficult airway via endotracheal intubation or surgical intervention, perform CPR, and treat tension pneumothorax.

What's more, all of HAL's lifelike features operate without external power or batteries.

Simply pressurize the internal reservoir using a standard BVM and it's ready for use. HAL's innovative features and green design make it a powerful trainer that's easy-to-use, effective, and portable.



Use NP/OP tubes, ventilate, or intubate



Manually programmable tongue edema, laryngospasm, and pharyngeal swelling



Surgical trachea inserts included



Realistic chest rise with BVM



Air reservoir is charged using the supplied manual pump or a BVM



Place tracheostomy needle or Shiley tube



Realistic chest compression and recoil

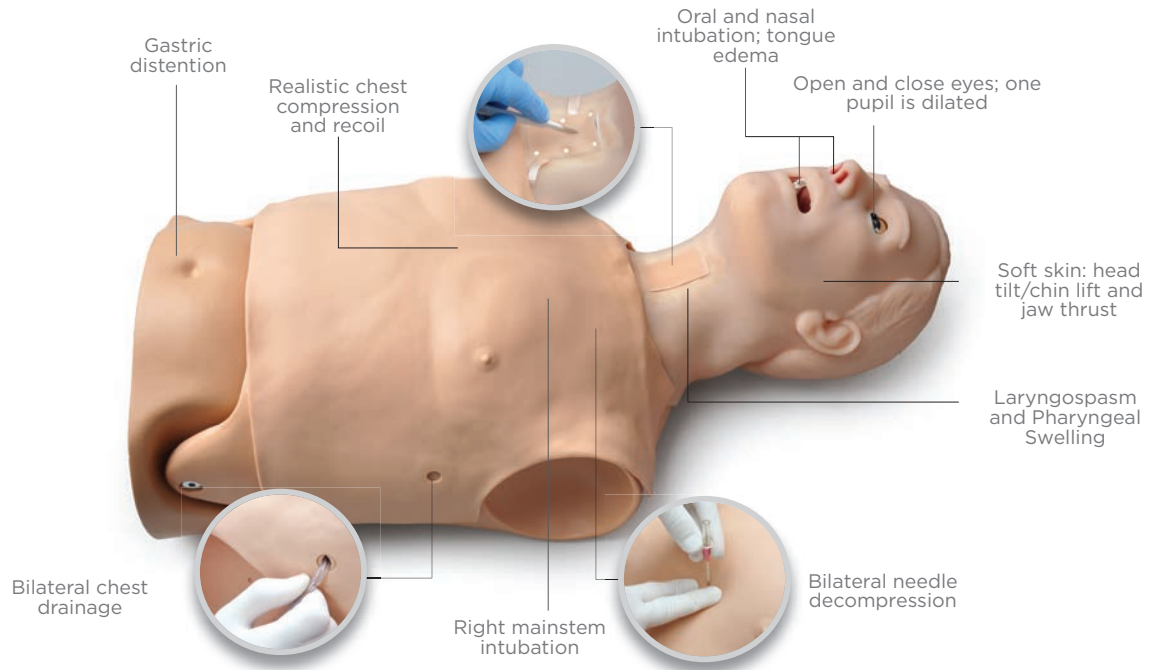


Easy neck flexion and extension. Realistic jaw thrust, head tilt/chin lift



Bilateral needle decompression at 2nd intercostal space

HAL® S315.400 | Advanced Multipurpose Airway Trainer



Features

- Realistic airway which is manually programmable to include tongue edema, laryngospasm, and pharyngeal swelling
- Use NP/OP tubes, ventilate, and intubate
- Realistic chest compression/recoil
- BVM produces realistic chest rise
- Intubate using conventional adjuncts
- Inflating lungs produce realistic chest rise
- Gastric distention
- Easy neck flexion and extension
- Unilateral chest rise with right mainstem intubation
- Lungs can be disabled independently
- Surgical airway procedures such as tracheostomy and needle or surgical cricothyrotomy
- Supplied with normal and surgical cricoid cartilage inserts, allowing for longitudinal and transverse incisions
- Bilateral needle decompression at 2nd intercostal space
- Bilateral drainage at 5th intercostal space using conventional large-diameter chest tubes
- Pneumatic controls powered by internal reservoir charged using supplied manual pump or a conventional BVM
- Multifunctional, compact, portable
- Eyes may be open or closed
- Adult male upper body and head
- Silicone face/head skin for realistic jaw thrust, head tilt/chin lift

HAL® S315.400

S315.400.M2.PK ● ● ●

Items included

Full-size adult male head and torso, ventilation trachea insert, mini hand pump, surgical trachea kit, replaceable needle pneumo. sites, mineral oil lubricant, talcum powder, instructions manual, and soft carrying bag.

Consumables

Surgical Trachea Inserts

S315.400.M2.984
Set of five inserts.

Trachea Skin Covers

S315.400.M2.923 ● ● ●
Set of ten covers.

Cricothyroid Membranes

S315.400.M2.990
Set of ten membranes.

Lubricant

S315.400.M2.974
Four oz. of mineral oil.

Needle Decompression Inserts

S315.400.M2.926
Set of five inserts.

Replacement

Chest skin

S315.400.M2.712 ● ● ●
Replacement chest skin.

Surgical Trachea Base

S315.400.M2.999
Replacement trachea base.

HAL® S315, S315.100, and S315.300 | Model Comparison

HAL® S315 Airway and CPR Trainer ○○○



HAL® S315.100 Multi-Purpose Airway and CPR Trainer ○○○



HAL® S315.300 Airway, CPR, and Auscultation Trainer ○○○



HAL® S315 with OMNI® 2

S315.M2.250.PK

HAL® S315.100 with OMNI® 2

S315.100.250.PK

HAL® S315.300 with OMNI® 2

S315.300.M2.250.PK

HAL® S315 Basic

S315.M2.PK

HAL® S315.100 Basic

S315.100.M2.PK

HAL® S315.300 Basic

S315.300.M2.PK

Upgrade to Full-Body Configuration

S315.M2.705

Upgrade to Full-Body Configuration

S315.100.M2.705

Upgrade to Full-Body Configuration

S315.300.M2.705

HAL® S315 Series Feature Highlights



Fully articulating neck joint



Anatomically accurate airway



Laryngospasm and pulses



Surgical airway



OMNI 2 Real-time CPR feedback



Bilateral lung expansion

HAL® S315, S315.100, and S315.300 | Model Comparison

Features	S315 Airway & CPR	S315.100 Airway & CPR	S315.300 Airway, CPR & Auscultation	S315.400 Airway & CPR	S315.500 Airway & CPR+D	S315.600 Airway & CPR+D
Manually open or close eyes	●	●	●	●	●	●
Realistic head tilt/chin lift and jaw thrust	●	●	●	●	●	●
Durable high-fidelity airway anatomy	●	●	●	●	●	●
Nasal and oral Intubation - ETT, LMA, King LT®	●	●	●	●	●	●
Tongue edema	-	-	-	●	-	-
Laryngospasm	-	●	-	●	-	-
Pharyngeal swelling	-	-	-	●	-	-
Tracheostomy and cricothyrotomy	-	●	-	●	-	-
Chest rise with bag-valve-mask ventilation	●	●	●	●	●	●
Gastric distension with esophageal intubation	●	●	●	●	-	-
Right mainstem intubation presents unilateral chest rise	●	●	●	●	●	●
Bilateral chest tube sites at 5th intercostal	-	-	-	●	-	-
Bilateral needle decompression sites at 2nd intercostal space with audible hiss	-	-	-	●	-	-
Disable chest rise unilaterally	-	-	-	●	-	-
VS100 Virtual Stethoscope - Programmable normal and abnormal heart and lung sounds	-	-	●	-	-	-
CPR hand positioning landmarks and realistic chest compression recoil and depth	●	●	●	●	●	●
Real-time CPR monitoring and performance reports	○	○	○	-	●	●
Chest compressions generate palpable carotid pulses	Manual	Manual	Manual	-	Automatic	Automatic
Detectable EKG rhythm using real AED (Sinus, ventricular fibrillation, and asystole)	-	-	-	-	●	●
Spontaneous breathing and palpable carotid pulses for up to 60 seconds (ROSC)	-	-	-	-	up to 60 sec.	Continuous
Defibrillate and cardiovert using real energy	-	-	-	-	●	●
Carrying bag	●	●	●	●	●	●

● Standard ○ Optional Add-On/Accessory

● ● ● Skin tone options available at no extra charge

Request a quote

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Monday - Friday
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Worldwide
305.971.3790

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