



HELAGO-CZ, s.r.o.
Commercial Register maintained by the Regional
Court in Hradec Králové
Section C, File 17879
Kladská 1082
500 03 Hradec Králové 3
Company ID: 25 96 39 61, VAT: CZ 25963961
Phone: 495 220 229, 495 220 394
Fax: 495 220 154
GSM gate: 602 123 096
E-mail: info@helago-cz.cz
Web: <http://www.helago-cz.cz>

S3040.50 - Trauma HAL - patientský simulátor pre nácvik pohotovostnej starostlivosti

Order code: **4108.S3040.50**



Information about product price on demand

Parameters

Quantitative unit

ks

The Trauma HAL® S3040.50 is a wireless and tetherless full-body trauma patient simulator featuring bleeding, pressure-sensitive wounds and trauma limbs, laryngospasms, spontaneous chest rise, bilateral intravenous training arms, and many more capabilities. The completely tetherless design and ruggedized joints make this simulator perfect for point of injury, care under fire, emergency field care, extraction, patient transport, mass casualty, decontamination, and more.

General

- Full-body adult 70 inches (178 cm)
- Rugged shoulder and hip joints allow dragging and carrying
- Splash-proof for CBRNe water spray decontamination
- Self-contained design; all operating components and blood reservoirs stored inside the body
- Wireless and tetherless control; at distances up to 90ft.
- Fully operational on battery power for up to 8hrs (AC power supported)

Neurologic

- Library of prerecorded speech responses included
- Be the voice of Trauma Hal; Streaming audio (optional)

Airway

- Realistic airway with teeth, tongue, epiglottis, and vocal cords
- Programmable laryngospasms
- Articulated neck and jaw for head tilt/chin lift
- Naso/orotracheal intubation: ETT, supraglottic airway, King LT™
- Supports suctioning liquids from the airway and lungs
- Visible gastric distention with esophageal intubation or excess BVM
- Surgical trachea insert accommodates tracheostomy and needle cricothyrotomy

Cardiac

- Selectable normal and abnormal heart sounds
- Defibrillate and pace using real energy
- Effective compressions generate palpable pulses
- Preprogrammed ECG rhythm library with customizable variations
- 4-Lead ECG monitoring using real equipment (12-lead option available item S3040.50.120)
- eCPR™ Real-time CPR performance monitoring
 - Time to CPR
 - Compression depth/rate
 - Chest recoil
 - Compression interruptions
 - Ventilation rate
 - Excessive ventilation
 - Time to defibrillation
- CPR assisting tones
- Durable chest recoil design

Respiratory

- Visible continuous, spontaneous chest rise
- Programmable breath/throat sounds
- Programmable anterior upper and lower lung sounds
- Bilateral chest rise with BVM ventilations
- Ventilation detection
- Unilateral chest rise with right mainstem intubation
- Programmable unilateral chest rise
- Needle decompression sites with audible hiss and needle placement detection
- Bilateral chest drain tube insertion sites

Circulatory

- Measurable Blood pressure using real sphygmomanometer
- Audible Korotkoff sounds
- Bilateral blood pressure dependent pulses: carotid, radial, femoral, pedal
- Femoral artery pressure sensor
- Bilateral deltoid and quadricep intramuscular injection sites
- Bilateral intravenous training arm
- Intraosseous access at right tibia

Gastro-intestinal

- Supports esophageal intubation and gastric suctioning

Trauma

- Interchangeable trauma/healthy lower left arm and leg
- Bleeding groin wound detects applied pressure
- Trauma site arterial bleeding synchronized with heart rate and blood pressure
- Blood pressure dependent bleeding rate
- Arm and leg tourniquet sensors
- Pressure on femoral artery reduces or stops distal bleeding
- On-board 1.5 liter blood reservoir
- Automatic self-filling reservoir system
- Responsive blood loss monitor and reservoir level

Package contents

- Trauma HAL® S3040.50 with accessories
- Wireless tablet PC, protective case, and UNI® software license
- Battery Charger / Power Supply
- Trauma / Healthy Lower Left Arm and Leg
- Groin Wound Insert
- Simulator Roller Bag
- Hands-Free Blood Refill Bag