



**Gaumard®**  
Simulators for Health Care Education

Leadership Through Innovation®



## PREMIE HAL® S108.100

24-Week Preterm Newborn Skills Trainer

- Anatomically accurate oral cavity and airway
- Visible chest rise with assisted ventilation
- Realistic chest compression and recoil
- Fontanelle, umbilical, brachial, and femoral pulses
- IV cannulation, umbilical artery, and catheterization



### Critical Thinking and Skills Training Through Enriched Experiences

The Premie HAL® S108.100 is a lifelike, 24-week preterm patient simulator designed to facilitate the training of healthcare professionals in the areas of airway management, respiratory support, and resuscitation.



Suctioning



Bag ventilation



Active resuscitation



Positive pressure ventilation

### Realistic, Pre-Term Stabilization and Resuscitation Exercises

Premie HAL® S108.100 has a lifelike, anatomically accurate oral cavity and airway which allows participants to rehearse stabilization and resuscitation for preterm infants.

- Airway landmarks include: epiglottis, glottis, and vocal cords
- Realistic chest recoil during CPR
- Manual Pulses: Brachial, Femoral, Umbilical, and Fontanelle
- Vascular access via hand, scalp, and umbilicus
- Supports:
  - » UVC/UAC sampling and infusion
  - » PICC line placement



### Features

- Age: 24 Week preterm neonate
- Length 12.5" (31.75cm)
- Weight 1.3lbs (.59 kg)

#### Airway

- Lifelike, anatomically accurate oral cavity and airway
- Lifelike gums and appropriate sized tongue
- Endotracheal intubation
- Sellick maneuver
- Nose and oral cavity suction

#### Breathing

- True-to-life lung compliance
- Visible chest rise following recommended flow, PIP, and PEEP values
- Supports standard positive pressure ventilation devices including BVM, CPAP, and mechanical ventilators

#### Cardiac

- Pulses (manual)
  - » Brachial
  - » Femoral
  - » Umbilical
  - » Fontanelle
- Realistic chest recoil during CPR

#### Vascular access

- IV cannulation
  - » Hand
  - » Scalp
  - » UVC/UAC infusion and sampling
- PICC line placement
- Navel insert

#### Gastrointestinal

- Gastric distension
- Patent esophagus
- NG/OG intubation
- Gastric suctioning and feeding

### True-to-Life Respiratory Support Training

Premie HAL® S108.100 has realistic lungs that respond to respiratory support like a real premature infant. This allows care providers to practice advanced, neonatal respiratory care in situ and interpret actual PV waveforms.

- True-to-life lung compliance
- Visible chest rise following recommended flow, PIP, and PEEP values
- Supports standard positive-pressure ventilation devices
  - » BVM
  - » CPAP
  - » Mechanical ventilators

#### PREMIE HAL® S108.100

S108.100.PK   

#### Package contents:

24 week preterm neonate, IV bag, stand, and tubing, filling kit, drainage kit, scalp IV inserts, squeeze bulb with tubing kit, navel insert, umbilical cords, replacement left IV arm, canvas carrying bag, accessories, user manual, and one-year warranty. Patented; other patents pending

#### GAUMARD VITALS™ - Bedside patient monitor skills trainer

S600.1.PK

- All-in-one Touchscreen PC
- OMNI 2 Tablet
- Virtual Patient™ Activation Code for OMNI® 2
- Accessories

#### GAUMARD VITALS™ - Mobile patient monitor skills trainer

S600.2.PK

- Microsoft Tablet PC
- OMNI® 2 Tablet
- Virtual Patient™ Activation Code for OMNI® 2
- Accessories



# Premie HAL® S108.100 | Preterm Newborn Skills Trainer

## Request a quote

**Sales / customer service**  
sales@gaumard.com

**Website**  
www.gaumard.com

**Toll-Free USA & Canada**  
Call 8:00 a.m. - 7:30 p.m. ET  
Monday - Friday  
800.882.6655

**Worldwide**  
305.971.3790

## About Gaumard®

Gaumard is family owned and operated, and is the direct source for your health care education needs.

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