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Mobile : +91 88495 63724
Mobile 1: +91 98791 03905

Email: sem@semtrainers.com
Website: www.semtrainers.com

NENASim Infant HPS Xtreme, Light

Item No. 1022582
Weight 5kg
Dimensions 55 x 14 x 12 cm
MPN: NS-HPS-XTREME

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SKU:

Categories: Neonatal Patient Care



Product Description

NENASim Human Patient Simulator (HPS) Xtreme The NENASim-HPS Xtreme is an advanced wireless scenario-based simulator. It simulates a baby from 0 to 6 months old. To be used for a full range of medical skills, procedures and team training. With the NENASim HPS Xtreme - which includes training software, the patient monitor and the baby simulator - predefined and customizable scenarios

can be played out by medical teams. **Software included: Tutor, Scenario Editor, Patient Monitor, ECG and Sound Editor.** The NENASim HPS Xtreme is fully interactive and empowered by Windows to give the user full control:

- The patient monitor, which accurately replicates the graphs and values as shown on the tutor software, making any adjustments by the tutor directly visible.
- Tutor software for tracking, commenting and evaluating the full scenario.
- Possible to add three cameras.
- Scenario-editor for creating and editing your own scenarios. All parameters, responses and sequences can be adjusted within an easy-to-use program
- An ECG editor and sound editor. User-friendly editors to add your own ECGs and sounds to scenarios.

Benefits:

- Perfect for training medical professionals, especially NICU-departments.
- Realistic skeleton, recognizable landmarks, accurate movement degrees, with a durable soft skin.
- Movement of limbs, head, eyelids, heart beats and breathing movements.
- Measurable effectivity and results of CPR.
- Pulse detectable in various places; axillary and femoral. Intubation through the anatomically realistic airway,
- Stethoscope simulator: detects location and emits suitable isolated sounds.
- Various parameters output on the patient monitor: ECGs, SpO2, CO2, ABP, CVP, PAP, PCWP, NIBP and TOF.
- Full scenario training: ready-made and userfriendly customizing, with strong feedback and review components.
- Ideal for individual skills-training and team training.
- A wide variety of vocal sounds: laughing, crying, hiccups, coughing, grunting and breathing.
- Full simulation of breathing patterns with different rates, depths and complications.
- Colorization of the skin in the cheek, chin and extremities, to simulate conditions like cyanosis, jaundice, paleness and redness.
- Wireless and tetherless control: able to be used everywhere.

	Infant Care	Infant ALS	Infant ALS with Basic Software	ALS+ am Säugling mit Basic Software	Infant Human Patient Simulator (HPS)
Item No.	Boy 1021099	Boy 1021103	Boy 1021104	Boy 1021106	Light skin 1020899
	Girl 1021098	Girl 1021102	Girl 1021105	Girl 1021107	Dark skin 1018876

Patient care procedures	Yes	Yes	Yes	Yes	Yes
Airway management					
Realistic airway	-	Yes	Yes	Yes	Yes
Intubation, oxygen delivery procedures	-	Yes	Yes	Yes	Yes
Spontaneous breathing	-	-	-	Yes	Yes
CPR					
Head tilt, chin lift and jaw thrust	-	Yes	Yes	Yes	Yes
CPR compressions	-	-	-	Yes	Yes
Live defibrillation, pacing and cardioversion	-	-	-	-	Yes
Software feedback on CPR	-	-	Yes	Yes	Yes
Kardiovaskulär					
ECG & 12 lead display	-	-	-	-	Yes
Palpable pulse points	-	-	-	-	Yes
Blood circulation vital signs	-	-	Yes	Yes	Yes
Auscultation & Sounds					
Vocal sounds as well as heart, lung and bowel sounds	-	-	-	-	Yes
Normal and abnormal breath sounds	-	-	-	-	Yes
Wireless stethoscope	-	-	-	-	Yes
Additional features					
IV arm, IO leg	-	-	-	-	Yes
Head and eyelid movement	-	-	-	-	Yes
Software features	-	-	basic	basic	advanced

Weight	2 kg	2.5 kg	2.5 kg	5 kg	5 kg
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NENAsim® Infant HPS Xtreme, Light (1022582 / NS-HPS-XTREME)

The NENAsim® Infant HPS Xtreme is an advanced, wireless, scenario-based simulator representing a baby from 0 to 6 months old, built for a full range of medical skills, procedures, and team training. The package — including training software, the patient monitor, and the baby simulator — lets instructors run predefined or fully customizable scenarios with medical teams.

Comprehensive included software: Tutor, Scenario Editor, Patient Monitor, ECG, and Sound Editor. Fully interactive and Windows-powered, giving the user complete control: a patient monitor that accurately mirrors the tutor software's graphs and values in real time, tutor software for tracking and evaluating the full scenario, support for up to three cameras, a scenario editor for building and adjusting custom training scenarios, and dedicated ECG and sound editors for adding your own recordings.

Purpose-built for NICU and neonatal training. Realistic skeleton with recognizable landmarks, accurate movement ranges, and durable soft skin, with movement of limbs, head, eyelids, heartbeat, and breathing. CPR effectiveness is measurable in real time, with pulse detectable at axillary and femoral sites, and intubation possible through an anatomically realistic airway.

Advanced auscultation and monitoring. A stethoscope simulator detects placement and emits location-appropriate sounds. The patient monitor displays a full range of parameters — ECG, SpO2, CO2, ABP, CVP, PAP, PCWP, NIBP, and TOF.

Realistic vocal and physiological simulation. A wide variety of vocal sounds (laughing, crying, hiccups, coughing, grunting, breathing) and full breathing pattern simulation with adjustable rates, depths, and complications. Skin coloring changes at the cheeks, chin, and extremities simulate cyanosis, jaundice, paleness, and redness.

Wireless and tetherless for use in any training environment — no fixed setup required.

Ideal for individual skills training and full team training, with strong feedback and review components built into every scenario.

Why Buy from SEM Trainers? SEM Trainers & Systems has over 30 years of experience supplying medical education resources to 1,500+ institutions across 28 states. We provide pan-India delivery and dedicated after-sales support.

Frequently Asked Questions

Q: What age range does this simulator represent? A: A baby from 0 to 6 months old.

Q: What's included in the system? A: Training software (Tutor, Scenario Editor, Patient Monitor, ECG and Sound Editor), the patient monitor, and the baby simulator itself.

Q: Is it suitable for team training, not just individual skills? A: Yes — it supports both individual skills training and full team-based scenario training.

Contact us at sem@semtrainers.com or call +91-88495 63724 for pricing and availability.