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SMART STAT Basic

Item No. 101-8002
Weight 48kg
Dimensions 139.7 x 71.1 x 27.9 cm
Make: Nasco Healthcare, USA

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SKU:

Categories:ALS Adult



Product Description

This affordable patient simulator takes ALS training into the students' environment. Instructors can evaluate student knowledge, skill levels, and critical thinking abilities by utilizing the applications via the iPad®. This simulator can function in the lab and in the field for ascertaining diagnostic ability. Student performance records can be transferred to a computer, and chronological scenario event logs can be

printed. SMART STAT Basic has an on-board air compressor, includes a free app on the iTunes Store® (SMART STAT), storage for students' performances, spontaneous breathing, pulses, blood pressure, carotid and femoral pulses, normal and emergent heart and lung sounds, 12 pulse points synchronized with the heart, EKG interpretation and cardiac treatment, IV catheterization and infusion, tension pneumothorax treatment, chest tube insertion with simulated drainage, and advanced difficult airway maintenance. Comes with an iPad®, USB cable, blood pressure cuff, hard carry case, shorts, and a supply of replacement parts. **Advanced Airway Management** • STAT Deluxe Airway Management Head • Tongue edema • Laryngospasm • Cricothyrotomy • Breakout teeth • Designed for LT, ET, LMA, and Combitube **ECG** • 4-lead recognition of 17 rhythms • Defibrillation and cardio conversion • Variable rates **Pacing Emergent Lung Sounds (anterior and posterior) Emergent Heart Sounds BP Arm** • Independently vary systolic and diastolic pressures • Korotkoff sound changes • Vary the amplitude of the sound **Pulse Points** • 12 locations in pairs: carotid, femoral, popliteal, pedal (dorsal arch), radial, brachial (IV arm-antecubital, BP arm biceps pressure point) • Distal pulses drop off under 70 mm Hg systolic • Vary according to ECG rhythm **Bilateral Chest Decompression** • Right- or left-sided, partial or complete pneumothorax • Audible air discharge upon proper catheterization; no repair necessary **Bilateral Chest Tube Insertion** • Auxiliary fluid bag allows for simulated discharge • Practice maintenance **Virtual Capnography and Oximetry Printable Chronological Student Session Reports & Scenarios** • Easy to establish • Start up library includes samples • Print out for convenience **Replacement Parts Included** • 10 neck skins • 4 IM injection pads • 6 pneumothorax pads • 3 sets of teeth • IV vein kit

Why Choose the Simulaids SMART STAT Basic for Your Simulation Lab in India?

The Simulaids SMART STAT Basic (Item No. 101-8002) by Nasco Healthcare, USA is a full-body wireless ALS patient simulator weighing 48 kg (139.7 × 71.1 × 27.9 cm), operated via iPad® app through the on-board Wi-Fi® and Bluetooth® system — no external connections, no tethered cables, no compressed air supply. At 48 kg it is significantly lighter than the full SMART STAT Simulator (101-8000 at 61.2 kg), making it the right choice for simulation labs and paramedic training programmes that need the SMART STAT's complete ALS clinical capability set in a more portable, field-deployable configuration. An Apple iPad® is included as standard, along with a USB cable, blood pressure cuff, hard carry case, shorts, and a complete replacement parts supply — ready to train from day one.

The SMART STAT Basic delivers the full ALS procedural skill set that NMC and advanced life support training programmes require. The STAT Deluxe Airway Management Head supports LT, ET, LMA, and Combitube insertion with tongue oedema, laryngospasm, cricothyrotomy, and break-out teeth — the complete difficult airway scenario set. Spontaneous respirations with visible chest movement, emergent and normal anterior and posterior heart and lung sounds, and virtual capnography and oximetry are all present. The ECG system provides 4-lead recognition of 17 rhythms with defibrillation, cardioversion, and pacing capability at variable rates. Twelve pulse points across 6 pairs — carotid, femoral, popliteal, pedal, radial, and brachial — synchronise with the ECG rhythm; distal pulses drop off automatically

below 70 mmHg systolic. The blood pressure arm delivers independently variable systolic and diastolic pressures with Korotkoff sound changes and adjustable amplitude. IV catheterisation and infusion training are supported. Bilateral chest decompression handles right- or left-sided partial or complete pneumothorax with audible air discharge on correct catheterisation, requiring no repair. Bilateral chest tube insertion with simulated drainage is included. The free SMART STAT app on the iTunes Store® stores student performance records and chronological scenario event logs that can be transferred to a computer and printed for competency documentation. An EMS Scenario Package and Nursing Scenario Package are available as optional add-ons.

Replacement parts included in the standard package: 10 neck skins, 4 IM injection pads, 6 pneumothorax pads, 3 sets of teeth, and an IV vein kit.

Why Buy from SEM Trainers? SEM Trainers & Systems is an authorized distributor of Nasco Healthcare and Simulaids products in India with over 30 years of experience supplying medical simulators to 1,500+ institutions across 28 states. We provide pan-India delivery, on-site installation, iPad® setup and scenario configuration, faculty orientation workshops, and dedicated after-sales support. All products carry genuine manufacturer warranty and meet ISO 9001 quality standards.

Frequently Asked Questions

Q: What is the difference between SMART STAT Basic (101-8002) and the SMART STAT Simulator with iPad® (101-8000)? A: The Basic (101-8002) is lighter at 48 kg vs 61.2 kg for the 101-8000, making it more portable for field and transport training. The 101-8000 includes additional clinical features such as the CNS head with cholinesterase inhibitor toxicity signs, tears, nasal mucus, foaming mouth, ETCO2 discharge, external jugular catheterisation, pericardiocentesis, urinary catheterisation with interchangeable genitalia, onboard fluids with IV blood and urine output, and a wireless microphone. Both include an Apple iPad®.

Q: Is this manikin compliant with NMC simulation lab requirements for ALS training in India? A: Yes. The SMART STAT Basic's full ALS skill set — airway management, ECG, defibrillation, IV access, chest decompression, chest tube insertion, BP arm, and CPR — supports NMC CBME competency requirements for ALS training in Indian medical colleges.

Q: What is the warranty and how do I get support? A: All Nasco Healthcare products carry standard manufacturer warranty. For support, reach us at sem@semtrainers.com or call +91-88495 63724.