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Simulator 12-Lead Arrhythmia with Manikin Overlay – Zoll, Large

Item No. 1020845

Brand Nasco

MPN: 101-12-000L

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SKU:

Categories:BLS Adult

Product Description

Use on any large-sized manikin to change it into a 12-lead trainer. Pace and defibrillate directly on the overlay system connected to the interactive 12-lead ECG simulator. Training features:

- Four preset pacing capture levels: 70, 80, 90 or 100mA. Waveforms for pacing: Sinus Brady (two), 1st degree A-V block, 2nd degree type I A-V block, 2nd degree type II A-V block, 2nd degree type II A-V block with PVCs, and 3rd degree A-V block.
- Waveforms for defibrillator training: V. Fib, V. Tach (high rate), V. Tach (low rate), Torsade, A. Fib, A. Flutter, zPSVT, Sinus Tach, Sinus rhythm, Sinus rhythm with PVCs, and Asystole.

- ST segments and T wave of abnormalities: Anterior MI, Inferior MI, Antero-Septal ST elevation, Anterior ST depression, Lateral ST elevation, and Inferior ST elevation.

Possible category fit but worth noting: this is an advanced ALS/ACLS-tier 12-lead arrhythmia and defibrillator training overlay — significantly more advanced than typical BLS Adult content, but it does directly extend pacing/defibrillation onto existing CPR manikins, so the BLS Adult placement is at least defensible as an accessory. Item No. 1020845, MPN 101-12-000L (the "-L" suffix confirms this is the Large variant; implies a Standard/Small variant likely exists), Brand: Nasco — Make field shows "Nasco" not full "Nasco Healthcare, USA," and no weight/dimensions field at all.

DESCRIPTION (copy-paste into WordPress product description):

Why Choose the Simulator 12-Lead Arrhythmia with Manikin Overlay – Zoll, Large for Your Simulation Lab in India?

The Simulator 12-Lead Arrhythmia with Manikin Overlay – Zoll, Large (Item No. 1020845, MPN: 101-12-000L) by Nasco Healthcare, USA converts any large-sized CPR manikin into a full 12-lead ECG, pacing, and defibrillation trainer. The overlay connects to an interactive 12-lead ECG simulator, allowing trainees to pace and defibrillate directly on the overlay system applied to a manikin they already own. For ACLS training centres, cardiac care units, and advanced nursing programmes in India that need to extend existing CPR manikin investments into full cardiac rhythm and defibrillation training without purchasing a dedicated electrophysiology simulator, this overlay system is a cost-effective upgrade path.

Pacing training covers four preset capture levels — 70, 80, 90, or 100 mA — across a comprehensive waveform set: sinus bradycardia (two variants), 1st degree A-V block, 2nd degree type I A-V block, 2nd degree type II A-V block (with and without PVCs), and 3rd degree A-V block. Defibrillator training waveforms include ventricular fibrillation, ventricular tachycardia (high and low rate), torsade de pointes, atrial fibrillation, atrial flutter, PSVT, sinus tachycardia, sinus rhythm (with and without PVCs), and asystole — covering the full range of shockable and non-shockable rhythms required for ACLS algorithm training. ST segment and T-wave abnormality simulation includes anterior MI, inferior MI, antero-septal ST elevation, anterior ST depression, lateral ST elevation, and inferior ST elevation, supporting ECG interpretation training for ischaemic and infarct patterns.

Why Buy from SEM Trainers? SEM Trainers & Systems is an authorized distributor of Nasco Healthcare 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, faculty orientation, and dedicated after-sales support.

Frequently Asked Questions

Q: What manikins is this overlay compatible with? A: This is the Large overlay variant, designed to fit large-sized manikins. Confirm your manikin's size and compatibility with SEM Trainers before ordering.

Q: What pacing capture levels are supported? A: Four preset levels — 70, 80, 90, and 100 mA — across a range of A-V block waveforms.

Q: Can this overlay train ECG interpretation as well as defibrillation? A: Yes. ST segment and T-wave abnormality waveforms for anterior MI, inferior MI, and multiple ST elevation/depression patterns are included alongside the defibrillation and pacing waveform sets.