



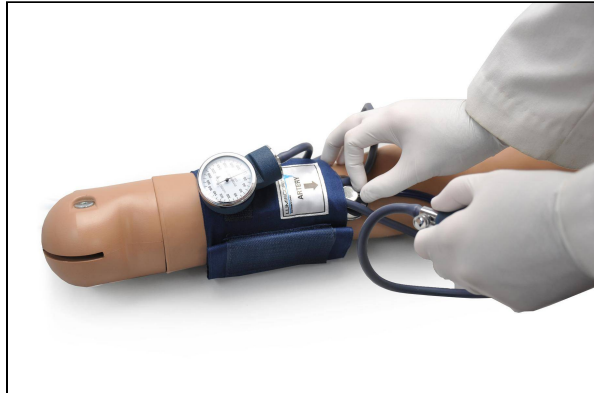
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Mobile : +91 88495 63724
Mobile 1: +91 98791 03905

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



Blood Pressure Training System with Speakers 220V

Item No. 1019813
Weight 6.36kg
MPN: S415.100M 220V

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SKU:

Categories:Blood Pressure

Product Description

The Blood Pressure Training Systems include a full-size adult left arm that may also be attached to any Gaumard® adult manikin. These versatile training tools were developed to assist health professionals teach the processes and skills required to perform blood pressure auscultation procedures and techniques. Systolic and diastolic pressures, auscultation gap and pulse rate are adjustable. Cuff pressure can be seen on a display. International power supply 100 to 240 VAC. Soft carrying bag and instruction manual.

Features:

- Full size left arm
- Programmable, palpable radial pulse when cuff pressure is less than the selected systolic blood pressure
- Korotkoff sounds K1 through K4 (K5 is silence) audible between systolic and diastolic pressures
- Korotkoff sounds are automatically silenced if auscultation gap is selected

- Korotkoff sounds are automatically adjusted depending upon selected heart rate and the rate of cuff deflation
- Conventional stethoscope to auscultate Korotkoff sounds in the antecubital area
- Programmable Blood Pressure Auscultation Tutor
- Adjustable systolic and diastolic pressures
- Adjustable auscultation gap
- Adjustable pulse rate
- Display tracks cuff pressure
- International power supply 100 to 240VAC
- Optional speakers with volume control allow students to hear what the individual student hears while using the stethoscope
- One Omni controller included
- Soft carrying bag
- Instruction manual
- Specify 110 or 220 volt power

Why Choose the Blood Pressure Training System with Speakers 220V for Your Simulation Lab in India?

The Blood Pressure Training System with Speakers 220V (Item No. 1019813, MPN: S415.100M 220V) is a 6.36 kg programmable auscultation training simulator designed to teach the complete blood pressure measurement workflow — from cuff placement and palpation to Korotkoff sound identification and auscultation gap recognition. For nursing colleges, medical schools, paramedic training programmes, and clinical skills labs in India running on 220V mains supply, this is the correct voltage variant. The international power supply (100–240 VAC) means it is also compatible with any standard Indian electrical supply without a step-down transformer.

The full-size adult left arm can be used as a standalone trainer or attached directly to any Gaumard® adult manikin, making it a natural addition to existing simulation setups. A programmable, palpable radial pulse activates when cuff pressure drops below the selected systolic value, reinforcing correct palpatory technique before auscultation begins. Korotkoff sounds K1 through K4 are produced in the antecubital area via a conventional stethoscope; K5 is silence, matching real clinical physiology. Sounds are automatically adjusted in response to the selected heart rate and the rate of cuff deflation — rewarding correct technique and penalising rushed or careless deflation. An optional auscultation gap can be enabled, with Korotkoff sounds automatically silenced during the gap period for realistic clinical simulation. The optional external speaker system with volume control allows instructors and groups of students to hear exactly what the individual trainee hears through the stethoscope — essential for group debriefs and competency observation. The Programmable Blood Pressure Auscultation Tutor allows instructors to set systolic pressure, diastolic pressure, auscultation gap, and pulse rate independently. Cuff pressure is continuously displayed on screen, enabling real-time

feedback on deflation rate.

Included: full-size adult left arm, one Omni controller, soft carrying bag, and instruction manual.

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

Frequently Asked Questions

Q: What is the difference between the 110V and 220V versions? A: The feature set is identical. The 220V variant (1019813) is specified for facilities on a 220V supply. Both versions include an international power supply (100–240 VAC) so either will work on standard Indian mains, but the 220V variant is the recommended choice for India.

Q: Can this arm be attached to a manikin? A: Yes. The full-size left arm attaches directly to any Gaumard® adult manikin for integrated patient simulation scenarios.

Q: Can instructors control what parameters students practise on? A: Yes. Systolic pressure, diastolic pressure, pulse rate, and auscultation gap are all independently programmable via the Omni controller.

Q: How do the external speakers work? A: The optional speaker system with volume control broadcasts the Korotkoff sounds the student hears through the stethoscope, allowing the entire group or instructor to monitor auscultation in real time.

Q: What is included? A: Full-size adult left arm, one Omni controller, soft carrying bag, and instruction manual.