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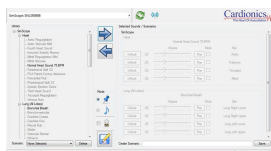
SimScope® WiFi The Hybrid Simulator

Item No. 1020104
Weight 0.247kg
Brand Cardionics
MPN: 718-3410

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SKU:

Categories:Auscultation



Product Description

SimScope® is an electronic simulation-training stethoscope created for use on a standardized patient as well as on a manikin for auscultation training purposes or in O.S.C.E (objective structured clinical examination) or any other examination format trainings. **It is available as SimScope® Wi-Fi Auscultation Training Stethoscope and [SimScope® without Wi-Fi](#).** Specific RFID tags provide site

markers for both of the SimScope® versions to identify specific locations and playing the corresponding sounds, these tags are placed on the standardized patient or the training manikin. The SimScope® Wi-Fi Auscultation Training Stethoscope enables wireless communication between the SimScope® and a computer running the software with the large Cardionics auscultation sounds library, allowing the instructor to select and change any of the physiological and pathological sounds and conditions the trainee will hear with the training stethoscope. The SimScope® auscultation sounds library is customizable to fit any curriculum or training program. Simulated and real sounds on the library can be individually assigned e.g. for a particular course by connecting the SimScope® training stethoscope to a computer via USB port and copy the scenario to the SimScope®. After the scenario is loaded, the SimScope® can be used wirelessly for auscultation training. Using the SimScope® Wi-Fi auscultation stethoscope, the Instructor can change the sounds temporarily during a scenario if needed. Any wireless change is just temporary to make sure the initially set up scenarios remain in place. The SimScope® auscultation training stethoscope can be used either wirelessly with one AAA Battery or connected via USB cable with a computer. A detailed manual is available online. **Auscultation training success with SimScope® training stethoscope:**

1. Train correct stethoscope placement:

- Patches made of special fabric and adhesive tape can be placed on a manikin or on a standardized patient as side markers for the SimScope® training stethoscope
- Anterior auscultation sound sides: Aortic, Pulmonic, Tricuspid, Mitral, Lung Right-Lower, Lung Right-Upper, Lung Left-Lower, Lung Left-Upper, Bowel, Bruit
- Posterior auscultation sound sides: Lung Right-Lower, Lung Right-Upper, Lung Left-Lower, Lung Left-Upper

2. Train diagnosis of normal and abnormal heart, lung and bowel sounds and their variations:

- The SimScope® has to be placed correctly on the markers to hear the sound

3. Train correct anatomical terminology:

- Terminology provided in the manual and included in the SimScope® software, differentiated for heart sounds, lung sounds, bowel sounds and bruit sounds

4. Train essentially communication skills with patients and medical staff:

- Students simulate patient and team interaction as well as examination protocols and bedside manner

Feature overview of the SimScope® Auscultation Training Stethoscope:

- SimScope® Wi-Fi allows the trainer remote selection of sound scenarios for auscultation training (the version without WiFi needs to be connected to a computer via USB cable to change sounds)
- Perfect for training of one on one student/patient interaction
- Ideal for use with standardized patient and O.S.C.E. programs

- Listen to sounds only at anatomically correct auscultation sites
- User friendly software that enables maximum flexibility: The system adapts to your specific requirements allowing virtually unlimited sound selections and scenarios
- Quick change of AAA battery
- Utilizes the extensive Cardionics proprietary heart, lung, bowel and bruit sounds library

Delivery Content:

- 1 SimScope® Auscultation Training Stethoscope
- SimScope® Software including the Cardionics Sounds Library
- SimScope® Patches
- USB cable

SimScope® WiFi Auscultation Training Stethoscope — Live Remote Sound Control for OSCE & Standardized Patient Training

The SimScope® WiFi Hybrid Simulator (Item No. 1020104, MPN: 718-3410) by Cardionics, USA is the wireless version of the SimScope electronic auscultation training stethoscope, built for use with a standardized patient or a training manikin. Like the non-WiFi version, it uses RFID site markers to trigger anatomically correct heart, lung, bowel, and bruit sounds only when the stethoscope is placed at the right location — but the WiFi model adds one key capability: instructors can change which sounds are active mid-session, without reconnecting to a computer.

Why the WiFi capability matters for live teaching. In a standard OSCE or bedside-manner training scenario, an instructor may want to switch a "patient's" presentation from normal to abnormal mid-exam, or run several students through different pathology scenarios back-to-back without pausing to reload via USB each time. The WiFi version supports this: sound scenarios are still loaded via USB initially, but the instructor can then temporarily override sounds wirelessly during a live session, while the original scenario setup remains intact underneath. (For institutions that don't need live mid-session switching and prefer a simpler workflow, the non-WiFi version, Item No. 1020101, uses the identical sound library and site-marker system at a lower cost.)

Auscultation sites covered: Anteriorly — Aortic, Pulmonic, Tricuspid, Mitral, four lung quadrants, Bowel, and Bruit. Posteriorly — four lung quadrants. This full-body site coverage makes SimScope suited to comprehensive physical exam training, not just cardiac auscultation.

Delivery Content: 1 SimScope® Auscultation Training Stethoscope, SimScope® Software with the Cardionics Sounds Library, SimScope® Patches, USB cable.

Why Buy from SEM Trainers? SEM Trainers & Systems is an authorised distributor of Cardionics products in India with over 30 years of experience supplying medical simulators and auscultation training accessories to 1,500+ institutions across 28 states. We provide pan-India delivery and

dedicated after-sales support.

Q: Do I need WiFi network access on-site to use this? A: No — "WiFi" refers to wireless communication between the stethoscope and the instructor's computer for live scenario changes, not a dependency on an institutional network connection.

Q: What's the real-world benefit over the non-WiFi version? A: Instructors can temporarily switch sounds during a live session without reconnecting via USB — useful for running multiple scenarios back-to-back or adjusting a case in real time during an OSCE station.

Q: Can this be used across multiple students or courses? A: Yes — the software's sound library is customizable per course, and scenarios can be reloaded for different curricula or training programmes.

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