



Now includes a COVID-19 sound!

BIONIC HYBRID SIMULATOR™

All-in-one solution for standardized patient scenarios as well as manikin-based practice. Bionic Hybrid Simulator™ and SimBP™ Simulator for Blood Pressure can be worn to simulate physiological conditions to test diagnostic and procedural skills. They are controlled wirelessly with easy-to-use software and offer the instructor access to the large sound library by Cardionics.

➤ DEVELOPED IN CONJUNCTION WITH THE MULTIDISCIPLINARY SIMULATION CENTER AT MAYO CLINIC!

The Bionic Hybrid Simulator™

When worn by the standardized patient, the suit simulates physiological conditions to test diagnostic and procedural skills. It responds in real time to diagnosis and treatment with direct feedback. Pre-recorded cues are remotely activated from the SimScope™ software and played into the ear buds. BHS™ can be also put on manikins for added realism.

Item No.	Size	Chest width	Length
1022275	XL	50 cm / 19.7 in	60 cm / 23.6 in
1022278	XXL	51 cm / 20.1 in	61 cm / 24 in

Additional Features:

- Includes SimBP™, 5-wire EKG connections, carotid and radial pulses as well as auscultation via the SimScope™ stethoscope
- 36 auscultation sounds available in the SimScope™ library: 13 heart, 11 lung, 4 bowel and 8 other sounds
- Instructors can adjust the scenarios to fit many conditions
- Capable of recreating many simulated medical situations to supplement almost any curriculum
- Enhances the exam performance by responding in real time to diagnosis and treatment
- Reusable and washable (30°C), available in different sizes
- Delivered with easy to transport hard carrying case



SimBP™ Simulator for Blood Pressure

SimBP™ is included with the BHS™ and simulates a manual sphygmomanometer, a reliable instrument for measuring blood pressure to provide the most accurate readings of upper and lower pressures. By utilizing the SimScope® stethoscope (included) students can listen to 5 Korotkoff phases and learn how to identify each of them.

Features:

- Blood pressure simulator with a high quality gauge and a bulb to simulate blood pressure measurement on a standardized patient or a manikin for added realism
- Soft and easy to put on cuff, with a flexible inflation bladder
- Individual manipulation of systolic and diastolic pressures, as well as the heart rate
- Measurements range between 20 and 300 mmHg
- Reduced cuff pressure inflation for a more comfortable feel of the standardized patient
- Adjustable volume



LEARN MORE ABOUT THE BHS™ AT 3BScientific.com



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