



## SEM TRAINERS & SYSTEMS

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SEM- Scientific Educative Methods in Science, Engineering & Medicine

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

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

## Life/form® Blood Pressure Simulator

Item No. LF01095U  
Weight 4.54kg  
Dimensions 58.4 x 10.2 x 10.2 cm  
Make: Nasco Healthcare, USA

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**SKU:**

**Categories:**Blood Pressure



## Product Description

The Life/form® Blood Pressure Simulator teaches physical assessment and helps resolve the uncertainties common in teaching students to take blood pressure. This lifelike simulator allows the presetting of values for both systolic and diastolic pressures. Provides an excellent means to practice listening to and distinguishing blood pressure sounds prior to actual clinical experience. It is possible to audibly discern the five Korotkoff phases. Many times when working with a live patient, pressures are

difficult to auscultate, making accurate evaluation of student proficiency almost impossible, and undermining the student's self-confidence. With this realistic unit, the student can find the preset results and the instructor can unfailingly know if the student has performed the procedure accurately. The electronically generated sounds are digitally recorded. Includes the Life/form® Blood Pressure Arm with embedded speaker, sphygmomanometer, electronic control unit (six "AA" batteries), instruction manual, and soft carry case. No special stethoscope required (stethoscope not included). For auscultatory blood pressure only. 23 in. L x 4 in. W x 4 in. D. Five-year warranty. **Features include:**

- Optional external speaker
- Redesigned and durable control unit
- Palpable radial pulse
- Simple calibration procedure

**Control Unit Allows Instructor to:**

- Adjust pulse rate
- Select systolic and diastolic settings
- Adjust volume
- Turn auscultatory gap on or off
- Easily calibrate unit for use with any sphygmomanometer

**Students:**

- Auscultate Korotkoff sounds with any stethoscope through a speaker in the arm
- Check palpable pulse at the radial site
- Pressures are activated at release valve
- Pump cuff
- Read pressures on sphygmomanometer
- Use normal procedure to place cuff on arm

|                                  | Life/form® Blood Pressure Simulator | Blood Pressure Arm with External Speaker System | Life/form® Deluxe Blood Pressure Simulator with Speaker System, 230V | Blood Pressure Training Arm | Blood Pressure Training System with Speakers |
|----------------------------------|-------------------------------------|---|--|-----------------------------|--|
| Item No.                         | <a href="#">1005621</a>             | 1005622   | <a href="#">1005623</a>  | <a href="#">1018870</a>     | 1019813                                      |
| Palpable radial pulse            | Yes                                 | Yes   | Yes  | Yes                         | Yes  |
| Five Korotkoff phases            | Yes                                 | Yes   | Yes  | Yes                         | Yes  |
| Systolic and diastolic pressures | Yes                                 | -   | Yes  | Yes                         | Yes  |
| Auscultation gap                 | Yes                                 | Yes   | Yes  | Yes                         | Yes  |
| Pulse rate                       | Yes                                 | Yes   | Yes  | Yes                         | Yes  |

|  |   |          |          |              |              |
|--|---|----------|----------|--------------|--------------|
| <b>Use with any stethoscope</b>              | Yes   | Yes      | Yes      | Yes          | Yes          |
| <b>Use with any sphygmomanometer</b>         | sphygmomanometer included   | Yes      | Yes      | Yes          | Yes          |
| <b>External speakers with volume control</b> | optional Speaker System ( <a href="#">1019721</a> for 110V or <a href="#">1020046</a> for 220V) | included | included | -            | included     |
| <b>Control Unit</b>                          | included  | included | included | included     | included     |
| <b>Power supply</b>                          | 100V to 240V  | 115V     | 220V     | 100V to 240V | 100V to 240V |
| <b>Carrying bag</b>                          | included  | included | included | included     | included     |