



BVM Ventilation Trainer Quick Start Guide

This Bag Valve Mask Ventilation Trainer can be used to teach proper technique for manual ventilation with a bag valve mask as well as oxygen administration via a non-rebreather mask. Students can also train CPR and BVM ventilation of an apneic adult patient with one- and two-rescuer techniques. The controller and software provide real-time feedback by displaying ventilation parameters, including rate and volume.

Read this material before using this product.



Product includes:

1. BVM Trainer Torso
 2. Controller
 3. Adult bag valve mask
 4. Storage case
- 1-year limited warranty
 - Online access to curriculum

NOTICE! To access your curriculum, visit:

<https://www.realityworks.com/bvmventilationtrainer-downloads>

BVM VENTILATION TRAINER

Controller

Insert AA Alkaline Batteries

1. Place the controller face down.
2. Open the back cover by pulling down on the small lip under the edge of the cover. A small, straight screwdriver may be used if needed.
3. Insert the batteries over the battery ribbon. Match the positive and negative sides of the batteries to the label inside the battery compartment.
4. Replace the battery cover by inserting the two small tabs into the rear edge of the holder and pressing down on the lip edge.
5. Check the battery gauge at the top of the display to know when batteries need replacing. To replace the batteries, remove the battery cover, remove old batteries by pulling the battery ribbon, and replace them with two new AA alkaline batteries.



Attach the Controller to the BVM Trainer Torso

1. Open the storage case and remove the controller.
2. Plug the controller into the trainer via the port in the arm socket.

Basic Use Instructions

The **power switch** turns the unit on and off.

The **touchscreen** is the main control of the unit. The menu-based operating environment is used to run tests, practice sessions, and to program the unit.

Instructor Use

Admin Main Menu (Instructor Menu)

The Admin Main Menu is used to edit test values and set the volume levels. Students should not use this menu, as it provides access to modifying device settings.

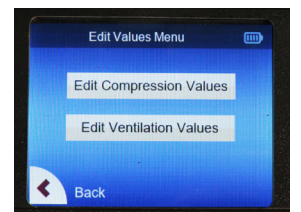
Access the Admin Main Menu

1. Start with the simulator turned off.
Note: Avoid touching the display while flipping the power switch to the ON position to ensure proper operation of the touchscreen.
2. Flip the power switch to the ON position.
3. Tap on the four stars in the top left corner of the screen to access Admin Main Menu. This screen displays for four seconds before proceeding to the Main Menu (Student Menu).
4. If the simulator shows the Main Menu (Student Menu), turn the power off and on, then try again.



Edit Values

1. From the Admin Main Menu, tap **Edit Values Menu** to enter the edit screen.
2. Choose to **Edit Compression Values** or **Edit Ventilation Values**.
3. Modify the values by using the arrows located above or below the value you wish to modify. The values are in order: Test Minutes, Low Range, and High Range.
3. Tap the **Save** button to save changes.
4. Select the **Reset** button to reset to the default test values after changing values if desired.
5. To return to the Admin Main Menu, press the **Back** arrow.



Factory Reset

Use this screen to reset the following settings to factory default values:

Compression Values: Compressions per minute: Low=100 High=120

Test minutes: 1

Ventilation Values: Range: Low=10 High=12

Test minutes: 2

1. From the Admin Main Menu, tap **Factory Reset**.
2. Tap **Yes** to reset to factory default values or **Cancel** to return to the Main Menu without resetting the values.



Student Use

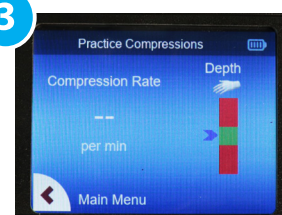
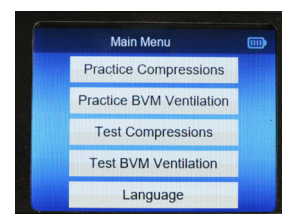
Turn On the Controller

1. Locate the power switch on the back of the simulator and flip it to the "I" position to turn it on.
Note: Avoid touching the display while turning the simulator on to ensure proper operation of the touchscreen.

Practice Compressions

Practice Compressions allows students to practice the speed and depth of compressions. The screen will show the rate and depth of compressions.

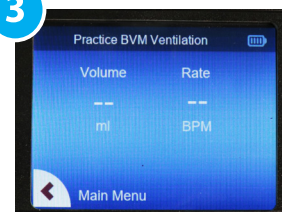
1. From the Main Menu, tap **Practice Compressions**.
2. Student should begin to practice compressions.
3. The display will show the current rate of compressions on the left and the depth on a sliding scale on the right. If the arrow is in the upper red portion, the compressions are too shallow. If the arrow is in the lower red portion, the compressions are too deep. If the arrow is in the green range, the compressions are at the correct depth.
4. The practice screen will time out and return automatically to the Main Menu after 10 minutes. To return to the Main Menu before it times out, tap **Main Menu**.



Practice BVM Ventilation

Practice BVM Ventilation allows students to practice the volume and rate of air delivery to the patient. The screen will show the rate in BPM and the volume in ml.

1. From the Main Menu, tap **Practice BVM Ventilation**.
2. Student should begin to practice ventilation.
3. The display will show the current rate and volume.
4. The practice screen will time out and return automatically to the Main Menu after 10 minutes. To return to the Main Menu before it times out, tap **Main Menu**.



Test Compressions

1. From the Main Menu, tap **Test Compressions**.
2. The screen will count down from 10-1, and then the student should begin proper compressions until the timer runs out and the Test Results screen displays.
*Option: Tap the **Cancel** button to exit the test and return to the Main Menu before the test is complete.*
3. Test Results will display the number of times compressions were completed higher than, lower than, or within the correct range for Rate and Depth.
4. Tap **Retake** to test again or tap **Main Menu** to return to Main Menu.



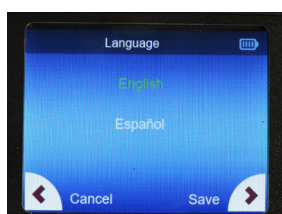
Test BVM Ventilation

1. From the Main Menu, tap **Test BVM Ventilation**.
2. The screen will count down from 10-1, and then the student should begin proper ventilation until the timer runs out and the Test Results screen displays.
*Option: Tap the **Cancel** button to exit the test and return to the Main Menu before the test is complete.*
3. Test Results will display the percent of the time the students were higher than, lower than, or within the correct range for the Volume, and Rate.
4. Tap **Retake** to test again or tap **Main Menu** to return to Main Menu.



Change the Language

1. From the Main Menu, tap **Language**. All available languages will appear on the screen.
2. Find the desired language and tap to select it. The language you select will highlight in green.
3. Tap **Save** to save changes. The controller will display the selected language and return to the Main Menu.



Turn Off the Controller

1. Turn the simulator off by flipping the power switch.

NEED MORE HELP?

General cleaning and storage instructions:

- General cleaning can be done with a damp, soft cotton cloth, and mild soap. Gently wash and pat dry with a towel. Avoid scrubbing painted areas of the manikin.
- Stains caused by makeup, ink and materials that leach dyes including newsprint and clothing are indelible and cannot be removed. Avoid contact with these substances and do not apply iodine, betadine, or other antiseptics to the torso. These may stain skin permanently. You may use alcohol pads.

Note: Realityworks reserves the right to change product color, materials, or function as needed.

Additional help and information

Online Product Support

We're here to help! Our online Product Support features video tutorials, downloadable documents, frequently asked questions, and product notices, all of which make it easy for you to get support for products, software and more, day or night. Find our online product support area here: <https://www.realityworks.com/knowledge-base/>

Online Store

Supplies, accessories, select simulators, curriculum, and more are available for purchase from our online store 24 hours a day!