



a breath of fresh care™

# A Patient Guide to BiWaze® Cough System



# How does BiWaze<sup>®</sup> Cough help with airway clearance?

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BiWaze Cough combines hygiene and personalization into a unique therapy experience. It helps people clear their airways by mimicking a natural cough as well as mobilizing mucus with its oscillations and lung expansion therapy options. It is a non-invasive therapy that is a safe alternative to invasive suctioning and other airway clearance therapies.

BiWaze Cough was designed for use by health care providers, caregivers, or patients to simulate a cough to clear mucus from people's lungs who are unable to clear them with a natural cough.

Visit our website to learn more: [www.abmrc.com](http://www.abmrc.com)

# Overview of BiWaze<sup>®</sup> Cough

## TOP AND FRONT PANEL

**1. Touch Screen** Allows you to view settings, system status information, real-time patient data, and logs. You can also modify settings from the touch screen.

**2. Device Mode LED Light** Provides different color code lights.

**Green** = Manual Mode

**Blue** = Auto Mode

**Red** = Error or Shutdown Mode

**3. Patient Port** Patient breathing circuit is connected to this port on the device.

## SIDE PANEL

**4. Air Inlet Filter** This is the inlet port for inspiratory air.

**5. Cooling Fan** To cool the main control board.

**Caution: Do not attach any unapproved devices. Failure to do so may damage the system.**

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## BACK PANEL

- 6. Power Switch** Turns the device on and off.
- 7. AC Power Inlet** Connection for the AC power cord here.



## SIDE PANEL

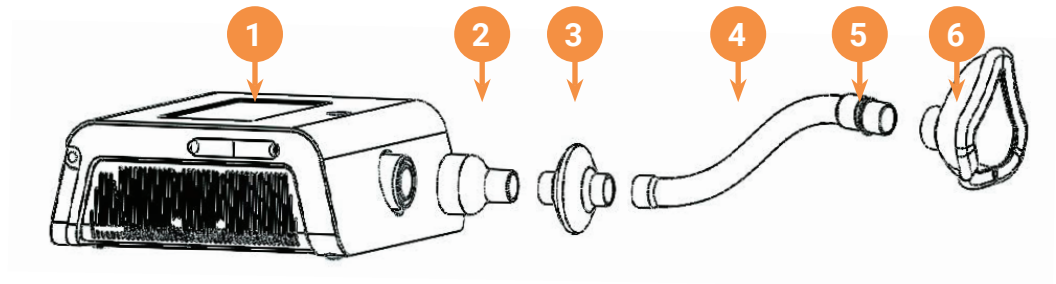
- 8. Foot Pedal Port** Connection port for foot pedal.
- 9. HDMI Port** External HDMI display.
- 10. USB Ports** USB memory sticks and SpO2 connections.
- 11. Handle** Handle to carry the device.

**Caution: Do not attach any unapproved devices. Failure to do so may damage the system.**

# Setup my Breathing Circuit

## PATIENT CIRCUIT COMPONENTS

- 1. BiWaze Cough device** Main therapy device.
- 2. Patient Port Adaptor** Connects a standard viral/bacteria filter to the BiWaze Cough device.
- 3. Viral/Bacterial Filter** Standard size filter used to block viral and bacterial particles from flowing into and out of the device.
- 4. Breathing Tube** Standard 22mm breathing tube 6 foot in length.
- 5. Adaptor** Standard 22mm straight adaptor.
- 6. Face Mask** Patient interface for therapy delivering. Other interfaces available include a mouthpiece and trach adaptor.



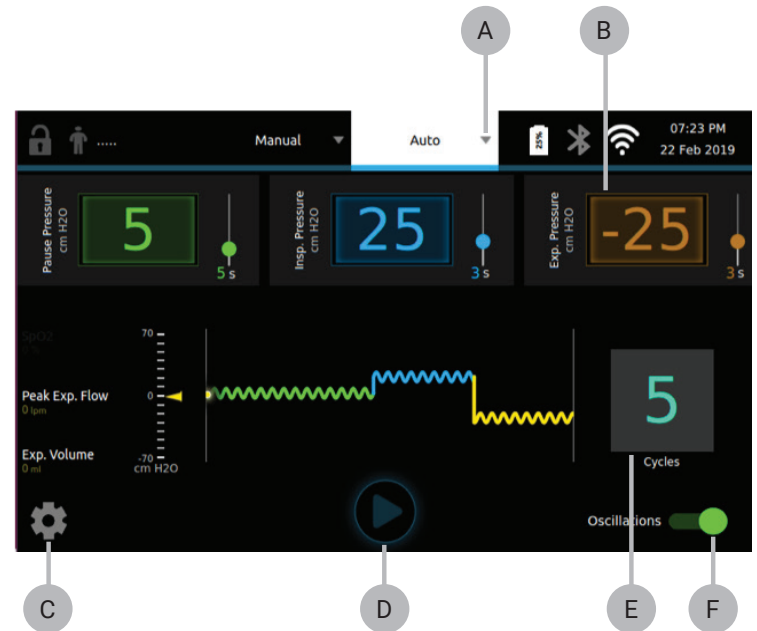
# Prepare for Therapy

## THERAPY SETUP

1. Assemble the Patient Breathing Circuit.
2. Ensure the Patient Port adapter is firmly connected to the patient port on the front of the device.



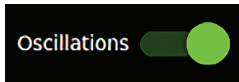
3. Switch the Power button to ON.
4. The screen will display the last therapy performed.
  - A. Profile Selection
  - B. Therapy Pressures and Duration
  - C. Device Settings
  - D. Start/Pause Therapy
  - E. Number of Therapy Cycles
  - F. Oscillation Toggle



# Run Therapy

## AUTO THERAPY

1. Select the therapy profile you want to use from the Auto drop-down.
2. If you want to turn oscillations on or off press the oscillations toggle.



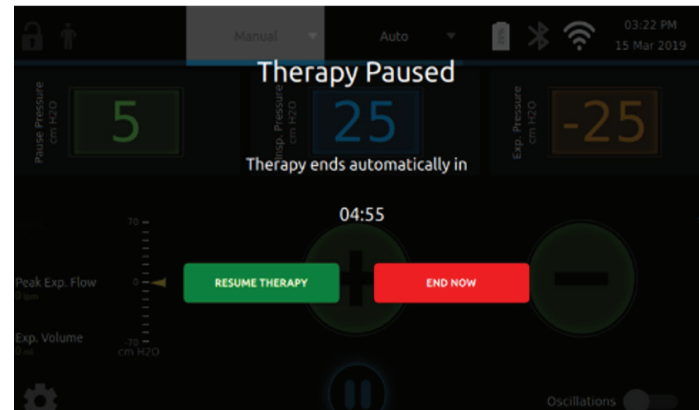
3. Place the patient interface in position on the patient.
4. Press Start to begin therapy.



5. Help your patient anticipate the therapy cycles by following the progress bar.
6. Press Pause to halt the therapy.



7. Press RESUME THERAPY to continue the therapy or END NOW to stop the therapy.



8. Run Therapy will remain in a pause state for 5 minutes before ending the therapy.
9. When the therapy is complete, you'll see a therapy completed ribbon.
10. Press I to see the details of therapy or X to close the ribbon.



# Cleaning and Maintenance

1. Switch the Power button to OFF and unplug the power cord.
2. Disconnect the breathing circuit from the device.
3. Wipe the exterior with an approved cleaning agent (see the BiWaze Cough user manual for the list).

*Note: Allow the device to completely dry before plugging in the power cord.*

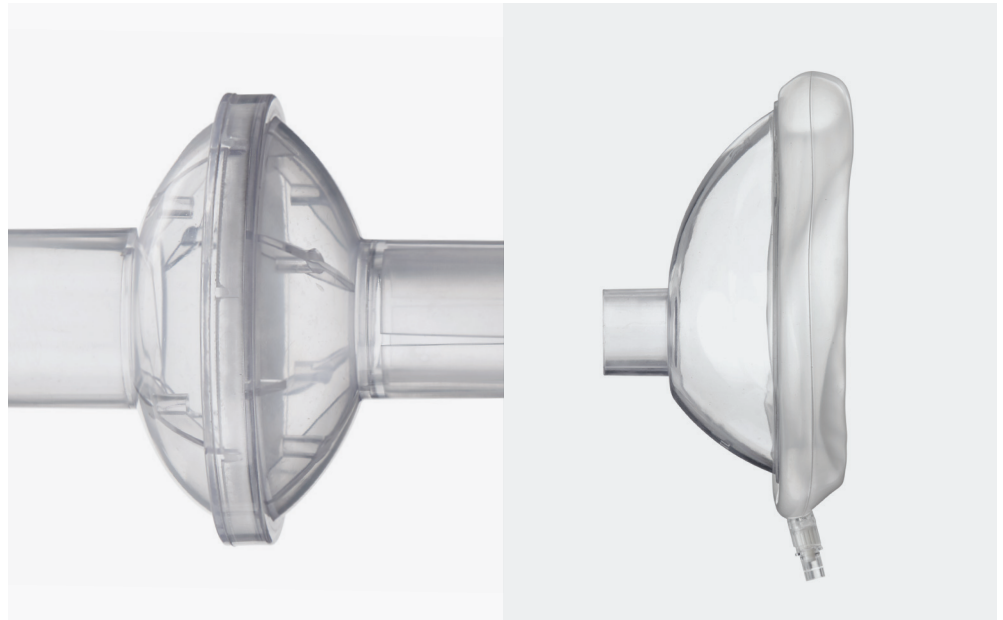
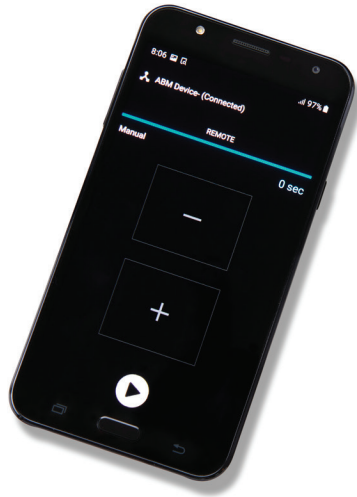
4. Disconnect all the components of the breathing circuit.

5. Examine the filter and discard if it is damaged by sputum or trapped moisture.

*Note: Do not wash the bacterial filter.*

6. The breathing tube and patient interface should be washed thoroughly with liquid dishwashing soap and warm water. Let the components air dry completely before reuse.

For detailed Warning and Caution statements, and operating instructions see the BiWaze® Cough User Manual (2037351818-20113).









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