

a breath of
fresh care

BiWaze[®] Cough
SYSTEM

PORTA
MEDICAL



BiWaze[®] Cough SYSTEM

 INTELLIGENT

 HYGIENIC

 INTUITIVE

BiWaze[®] Cough is the respiratory therapy system that combines multiple therapies of assisted cough and lung expansion along with high frequency oscillation, BiWaze[®] Cough breaks up and then removes mucus from the lungs by applying positive air pressure (inhale) to the airway and then rapidly shifting to negative air pressure (exhale).

After exhale, the pause phase allows the user to rest before the next assisted cough cycle. BiWaze[®] Cough can provide positive pressure flow during the pause phase, creating a higher mean airway pressure which keeps the Functional Residual Capacity higher post exhale and provides a more comfortable therapy for the patient.

BiWaze[®] Cough is designed to provide cleaner care, easier implementation and, is a smarter solution. To put it simply, BiWaze[®] Cough is a breath of fresh care.



one system, multi-therapy

Multitasking with every cycle, BiWaze® Cough is intelligently built to use a combination of high frequency oscillation, lung expansion and assisted cough therapies to break up mucus, clear airways, and increase patient comfort.

BiWaze® Cough delivers an unmatched high frequency oscillation therapy option to thin and mobilize mucus in the airways.

dual paths are better than one

BiWaze® Cough provides a non-invasive solution to clear secretions from the upper airways as compared to invasive suctioning.

There are two blowers within BiWaze® Cough which separates inhale and exhale air flow to help ensure the inhaled air is not contaminated with mucus from the exhaled air.



redefining user friendliness

BiWaze® Cough has a large 7" touchscreen with a simplified menu navigation and one-touch therapy selection of up to 10 stored profiles.



Cart (upper left), Patient Circuit Face Mask (upper right), Bacteria Filter (lower left), Convenient Carrying Case (lower right)



REDEFINING THERAPY

making caregiving more portable

BiWaze® Cough is the smallest and lightest assisted cough device on the market. The light weight and the touch screen navigation make it a user friendly therapy.

The low profile design comes with a slim carrying bag for convenient portability. The carrying bag has ample room for a patient circuit. The light weight system (< 4kg) has a built in lithium ion battery which can deliver up to 2 hours of continuous therapy* on one battery charge.

*Based on a new battery being fully charged.



an inside line on better breathing

We see ourselves as the “Gateway For Innovation” in medical technology. Our team is driven by the passion to establish innovative products fast and targeted in the market. Based on deep product knowledge as well as clinical understanding, we contribute to therapy optimization.

In over 20 years of experience, especially in the field of respiratory medicine, we have learned that at the end of every product is a patient’s life. Our daily activities are therefore geared towards the needs of patients and our customers. We make them our top priority.

SPECIFICATIONS

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| Operating Temperature | 40 F to 95 F (5 C to 35 C) |
| Size | 10.5 in L x 9.2 in W x 3.5 in H (27 cm L x 23.5 W x 9.0 cm H) |
| Weight | 8.8 lbs (4 kg) – including internal battery |
| Presets | up to 10 |
| Modes | Automatic and Manual |
| Maximum Positive Pressure | 70 cm H ₂ O |
| Maximum Negative Pressure | -70 cm H ₂ O |
| Maximum Pause Pressure | 15 cm H ₂ O |
| Inspiratory Time | 0 – 5 seconds (auto mode only) |
| Expiratory Time | 0 – 5 seconds (auto mode only) |
| Pause Time | 0 – 5 seconds (auto mode only) |
| Inspiratory Flow | Low, Medium, High |
| Inspiratory Trigger Sensitivity | 1 – 10 |
| Amplitude | 1 – 5 |
| Oscillation Frequency | 5 – 20 Hz |

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