CoughAssist E70 clears airway secretions by simulating a real cough.
An effective cough is critical to keep airways clear. Improving airway secretion removal is imperative. CoughAssist therapy has been clinically proven to increase peak cough respiratory flows and reduce recurrent respiratory infections.

The integrated Cough-Trak algorithm adds digital titration and patient synchronization, helping both comfort and compliance. Adjustable oscillation levels enhance mobilization and increase the benefit of therapy.

CoughAssist E70 offers these customizable therapy settings to accommodate different patient conditions or circumstances once they have been discharged from the hospital.

Introducing new tools for close follow-up at home

Data management tools help assess therapy efficacy and adjust settings as required, or as a disease progresses.

- Peak Cough Flow and Tidal Volumes are displayed after each cycle
- Total Volume monitoring helps to determine the proper inspiratory pressure needed to deliver a deep inspiration
- Peak Flow monitoring allows adjustment of the inspiratory pressure needed to deliver an effective cough
- SpiO2 and heart rate monitoring at rest gives instant feedback on therapy efficacy
- An SD card records therapy data for extended follow-up
- Compatibility with EncorePro 2 and Respironics devices.

CoughAssist therapy proven to reduce recurrent respiratory infections.

CoughAssist therapy clinical proven to increase Peak Cough Flows.

Required accessories and options include: 2.7 m tubing, battery, SD card, patient circuit large (1m flow), carry bag, AC power cord, air filter, and oximetry connectivity.

Ordering information

CoughAssist E70 includes: AC cord, tubing, air filter and a circuit retainer.

CoughAssist E70

Device (part numbers) International Brazil China Japan

AC power cord, air filter and a circuit retainer 1098159 1098161 1098162 1098163

Specifications

- Frequency 1 to 20 Hz, in increments of 1 Hz.
- Oscillation OFF/Inhale/Exhale/Both
- Inhale pressure 0 to 70 cmH2O, in increments of 1 cmH2O
- Inhale flow values Low/Medium/High
- Inhale time 0 to 5 s, in increments of 0.1 s
- Inhale pressure 0 to -70 cmH2O, in increments of 1 cmH2O
- Exhale time 0 to 5 s, in increments of 0.1 s
- Exhale pressure 0 to -70 cmH2O, in increments of 1 cmH2O
- Exhale flow values Low/Medium/High
- Pause time 0 to 5 s, in increments of 0.1 s
- Oscillation OFF/Inhale/Exhale/Both
- Frequency 1 to 20 Hz, in increments of 1 Hz. Only available if Oscillation is activated.
- Inhale time 0 to 5 s, in increments of 0.1 s
- Exhale time 0 to 5 s, in increments of 0.1 s
- Exhale pressure 0 to -70 cmH2O, in increments of 1 cmH2O
- Inhale valve position 0 to 100
- Exhale valve position 0 to 100
- AC voltage source 100 to 240 VAC, 50/60 Hz
- DC voltage source 12 VDC
- Dimensions (cm) 23.1 (h) x 29.2 (w) x 19 (d)
- Weight 3.8 kg (4.3 kg with battery)
- Water trap 1098720
- Bacterial filter 1098409
- Carrying bag 1098884
- Trach adapter 1098716
- Paper circuit infant 1090033
--Presets
- SpO2 monitoring at rest
- Automatic mode
- Manual mode
- Critical care pathway

CoughAssist E70 is a truly portable device. Mains or battery powered, the battery is also interchangeable with other Philips Respironics devices.

CoughAssist E70 provides an effective yet remarkably gentle non-invasive alternative for use in the hospital and at home.

CoughAssist therapy clears airways for longer periods of time than tracheal suctioning, and with fewer complications.2, 3

Non-invasive suction methods can be uncomfortable for the patient and have been linked to complications such as hypoxia, tissue damage and infection.1

For those unable to cough or effectively clear secretions, such as hypoxia, tissue damage and infection, deep suctioning is often used to clear the airway. Unfortunately, invasive suction methods can be uncomfortable for the patient and have been linked to complications such as hypoxia, tissue damage and infection.1

An effective cough is critical to keep airways clear. Unfortunately, invasive suction methods can be uncomfortable for the patient and have been linked to complications such as hypoxia, tissue damage and infection.1

Redefining non-invasive secretion clearance to improve patient lives

CoughAssist E70 – for every step of the patient care pathway


3. Alice C. Tzeng and John R. Bach. Prevention of Pulmonary Morbidity or tissue damage and infection. Respironics Care 1993;38(5)500-504.


5. Invasive suction linked to complications such as hypoxia, tissue damage and infection. AARC Clinical Practice Guideline. Endoctracheal suctioning of mechanically ventilated adults and children with artificial airways. Respironics Care 1993;38(5)500-504.


7. CoughAssist therapy proven to reduce recurrent respiratory infections.

8. CoughAssist therapy proven to increase Peak Cough Flows.

9. Encourages deep breathing, helps increase airflow and helps clear secretions.

10. Only available if Oscillation is activated.

11. Only available if Oscillation is activated.