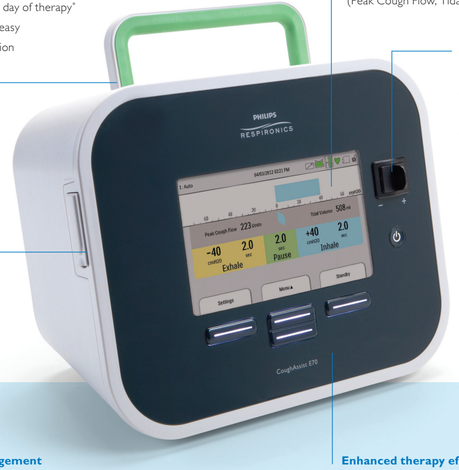
The CoughAssist E70, delivering innovations to meet your patient's needs

Large colour screen and intuitive interface
- Customizable according to environment (detailed/limited view)
- Displays instant feedback (Peak Cough Flow, Tidal Volume and SpO_2)

Lightweight, portable and yet robust
- Detachable battery delivering 1 day of therapy*
- Handle for easy transportation



Flexibility in delivery of therapy
- Control lever for manual application of therapy
- Foot pedal so that the caregiver can do manual chest thrust while holding the interface
- Automatic mode, with Cough-Trak trigger option

Data Management
- SD card records more than one year of therapy data that can be queried via EncorePro 2 and DirectView software

Enhanced therapy efficacy and comfort
- Cough-Trak feature for initiation of therapy by the patient triggering inspiration
- Oscillation to help enhance mobilization
- 3 presets of settings available

*1 day of therapy is defined as performing a typical treatment 4 times.
A typical treatment being 4 to 6 sequences of 4 to 6 cough cycles at +/-40 cmH_2O.

Philips Healthcare is part of Royal Philips Electronics

How to reach us
www.philips.com/healthcare
healthcare@philips.com

Asia
+49 7031 463 2254

Europe, Middle East, Africa
+49 7031 463 2254

Latin America
+55 11 2125 0744

North America
+1 425 487 7000
800 285 5585 (toll free, US only)

Philips Respironics
1010 Murry Ridge Lane
Murrysville, PA 15668

Customer Service
+1 724 387 4000
800 345 6443 (toll free, US only)

Philips Respironics International Headquarters
+33 1 47 28 30 82

Philips Respironics Asia Pacific
+65 6882 5282

Philips Respironics Australia
+61 (2) 9947 0440
1300 766 488 (toll free, Australia only)

Philips Respironics China
+86 400 828 6665
+86 800 828 6665

Philips Respironics Deutschland
+49 8152 93 06 0

Philips Respironics France
+33 2 51 89 36 00

Philips Respironics Italy
+39 039 203 1

Philips Respironics Sweden
+46 8 120 45 900

Philips Respironics Switzerland
+41 6 27 45 17 50

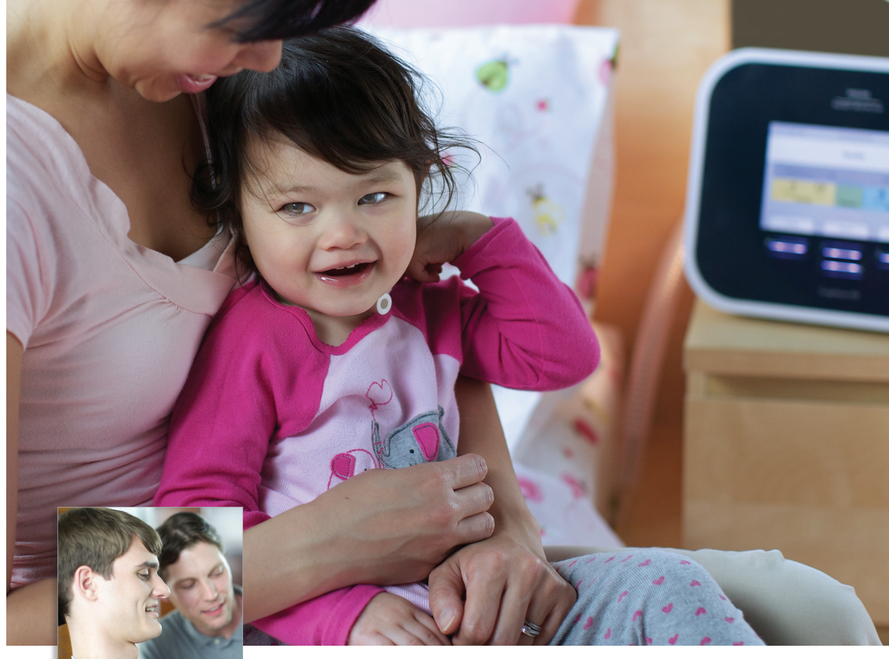
Philips Respironics United Kingdom
+44 800 1300 845

www.philips.com/respironics

Scan this code with your smartphone or tablet to learn more about the CoughAssist E70 on http://www.philips.com/coughassiste70

Please visit www.philips.com/respironics

Broudy AE 7/27/12 MCI 4105328 PN 1099395



Experiencing a natural cough

CoughAssist E70 clears airway secretions by simulating a real cough

PHILIPS
RESPIRONICS

Redefining non-invasive secretion clearance to improve patient lives

An effective cough is critical to keep airways clear

For those unable to cough or effectively clear secretions, 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]

The 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]

Improving airway secretion removal

CoughAssist therapy has been clinically proven to increase peak cough expiratory flows and reduce recurrent respiratory infections.[3, 4]

The integrated Cough-Trak algorithm aids device **titration** and patient synchronization, helping both comfort and compliance. Adjustable oscillation levels enhance mobilization and increase the benefits of **therapy**.

CoughAssist E70 offers three customizable **therapy** setting presets to accommodate different patient conditions or circumstances once they have been **discharged** from the hospital.

Treatment integrated with the patient's life

An intuitive interface and large color monitor make it easier to assess treatment and fine-tune device settings to improve **therapy** efficacy and comfort.

Device settings can be locked so that parameters cannot be inadvertently changed during treatment.

Mains or battery powered, the CoughAssist E70 is a truly portable solution, offering patients increased freedom and support.

Introducing new tools for close follow-up at home

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

- Peak Cough Flow and Tidal Volume are displayed after each cycle:
  - Tidal Volume monitoring helps to determine the proper inspiratory pressure needed to deliver a deep inhalation
  - Peak Cough Flow monitoring allows adjustment of the expiratory pressure needed to deliver an effective cough
- SpO_2 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 DirectView software gives a complete view of therapy

Cross platform continuity

Common design shortens product familiarization time while compatibility with our oximetry module allows monitoring of SpO_2. The detachable battery is also interchangeable with other Philips Respironics devices.

Roll stand

EncorePro 2 DirectView

Detachable battery and oximetry connectivity

CoughAssist E70 – for every step of the patient care pathway

Titration

Discharge

Home therapy

Follow-up

Product information

Specifications

	Automatic mode	Manual mode
Preset	1, 2, 3	
Cough-Trak	OFF/ON	N/A
Inhale pressure	0 to 70 cmH_2O, in increments of 1 cmH_2O	
Inhale flow values	Low/Medium/High	
Inhale time	0 to 5 s, in increments of 0.1 s	N/A
Exhale pressure	0 to -70 cmH_2O, in increments of 1 cmH_2O	
Exhale time	0 to 5 s, in increments of 0.1 s	N/A
Pause time	0 to 5 s, in increments of 0.1 s Only if Cough-Trak is OFF	N/A
Oscillation	OFF/Inhale/Exhale/Both	
Frequency	1 to 20 Hz, in increments of 1 Hz. Only available if Oscillation is activated.	
Amplitude	1 to 10 cmH_2O, in increments of 1 cmH_2O. Only available if Oscillation is activated.	
AC voltage source	100 to 240 VAC, 50/60 Hz	
DC power source	12 VDC	
Dimensions (cm)	23.1 (h) x 29.2 (w) x 19 (d)	
Weight	3.8 kg (4.3 kg with battery)	

Ordering information

Device (part numbers)	International	Brazil	China	Japan
CoughAssist E70 Including device without battery, SD card, patient circuit large 1.8m, carry bag, AC power cord, air filter and a circuit retainer	1098159	1098161	1098162	1098163

Accessories	Part number	Patient circuit kits	Part number	
			1.8 m tubing length	2.7 m tubing length
Oximetry interface cable	1098718	Patient circuit infant*	1090830	1098403
Foot pedal	1059017	Patient circuit toddler*	1090831	1098404
Roll stand	1098655	Patient circuit small*	1090832	1098405
Circuit retainer	1099035	Patient circuit medium*	1090833	1098407
Carry bag	1098884	Patient circuit large*	1090834	1098408
Water trap	1098720	Patient circuit trach**	1090835	1098409
Detachable battery	1043570	Patient circuit mouthpiece**	1090836	1098410

* contains: mask, tubing, mask adapter and bacterial filter

** contains: interface (mouthpiece or trach adapter), tubing and bacterial filter

1. 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. Respiratory Care 1993;38(5)500-504.*
2. CoughAssist therapy keeping airways clear longer than trached suction and with fewer complications. *Sancho J, Servera E. Vergara P, Marin J. Mechanical in-exsufflation vs tracheal suctioning via tracheostomy tubes for patients with amyotrophic lateral sclerosis: a pilot study. Am J Phys Med Rehabil 2003;82(10)750-753.*
3. CoughAssist therapy clinical proven to increase Peak Cough Flows. *Chatwin M, Ross E, Hart N, Nickol AH, Polkey MI, Simmonds AK. Cough Augmentation with Mechanical Insufflation/Exsufflation in Patients with Neuromuscular Weakness. Eur Respir J: March 2003; 21(3):502-508.*
4. CoughAssist therapy proven to reduce recurrent respiratory infections. *Alice C. Tzeng and John R. Bach. Prevention of Pulmonary Morbidity or Patients with Neuromuscular Disease. Chest 2000;118: 1390-1396. DOI 10. 1378/chest 118.5.1390.*