

EO-70

Airway Clearance



Coach your cough

The EO-70 is an innovative and intuitive cough assist, easy to use and to operate by clinicians, patients and caregivers.

Coaching Function

Dedicated feature of the EO-70 that offers clinicians an intuitive tool to better train and adapt their patients.



The coaching function is a pedagogical visual tool that can be used by clinicians to train both pediatric and adult patients to better understand how the device and therapy work.

The coaching function could also improve the awareness of the patient to feel more confident about their treatments and assure its compliance.

Together with the chameleon, patients will receive interactive feedback at each step of the therapy. During INEX, the chameleon could inflate and deflate the balloon according to each phase of therapy.

Dual therapy

To give wider therapy options to the prescriber, the EO-70 offers **two therapeutic modes**:



- The **INEX** mode delivers positive pressure followed, very quickly, by a negative pressure. The aim is to stimulate the cough and help the patient to clear his/her airways.



- The **IPPB** mode delivers an air flow to the patient with the aim to increase the ventilation of the lungs. This helps the patient to increase their vital capacity during the sessions.

In INEX mode, oscillations can be turned on and used during inhalation phase only, during exhalation phase only or both.



A comfortable therapy

EO-70 offers the use of a **Positive End Expiratory Pressure (PEEP)** that significantly enhances oxygenation and lung function in patients and could **optimize the patient's comfort**.

A sustainable therapy

It provides clinical experts and Home Healthcare providers an optimized Total Cost of Ownership (TCO) via dynamic maintenance indicators.

A white, compact medical device with a blue screen displaying various icons and a blue stripe with the text 'EOVE' on its side.

EO-70 stands out for its **flexibility, ease of use, comfort and portability.**

The integrated internal battery combined with a compact and lightweight design, makes it easy to use and transport, both at home and when traveling, without the need for a power supply.

An enhanced and less invasive therapy experience for the patients

A circular icon containing three concentric, slightly offset circles representing a turbine.

Our turbine technology, reduces the noise level of the EO-70. Its quiet turbine therefore offers patients privacy and peace of mind.

Follow up of the therapy

A circular icon containing a square with a downward-pointing arrow inside.

The “data download function” allows clinicians to retrieve compliance data and analyze it offline thanks to the dedicated clinical software. This allows them to optimize therapy data management.

A versatile device

The EO-70 can be used in different environments, from home to hospitals as it offers accessories that make it easy to use.



- The vertical support enables the patient to have a direct view of the screen during the therapy and to use the coaching function



- SpO₂ can be monitored by the Xpod during therapy, ensuring safety in case of desaturation



- The foot pedal allows the combination of manual therapies during cough assist treatment, as the healthcare professional's hands are free



- The travel bag eases transport

Physical specifications

DIMENSIONS	Weight	Size
Docking	< 1,5 kg	25 x 21 x 13 cm
Module	< 1,9 kg	24,5 x 14,5 x 10 cm
Screen	7 inch, touch-screen, colors, HD	

Functional specifications

INEX	
Operating modes	AUTO / MANUAL
Inh. Pressure (cmH ₂ O)	5 - 70
Slope	0 - 5
Inh Time (s)*	0.5 - 5
Insp. Oscillation Freq. (Hz)	4 - 20
Insp. Oscillation Amp.	1 - 3
Trigger* <i>Not compatible with timed Pause.</i>	OFF/1 - 3
Exh. Pressure (cmH ₂ O)	0 to -70
Exh. Time (s)*	0.5 - 5
Exhal. Oscillation Freq. (Hz)	4 - 20
Exhal. Oscillation Amp.	1 - 3
Pause (s)* <i>Not compatible with Trigger.</i>	OFF / 0.5 - 5
PEEP (cmH ₂ O)	OFF / 1 to 20
Cycles Nb*	1 to 20
Treatment End*	Inspiration/Exhalation

IPPB	
Inh. Flow (L/min)	5 - 100
Inh. Slope	ON/OFF
Pressure Max. (cmH ₂ O)	10 - 50
Inh. Trig.	OFF / 1 - 8
PEEP (cmH ₂ O)	OFF / 4 - 20
Exh Slope	0 - 5
Inh. Max Time (s)	0.5 - 20
Treatment time (min)	OFF/ 5-30

* Only applies in AUTO mode.

Monitoring specifications

Inspiratory Tidal Volume (VTI)	0 to 4000 ml
Inspiratory Time (I Time)	0 to 9.9 s
Exhalation Time (E Time)	0 to 9.9 s
Pause Time (P Time)	0 to 99.9 s
SpO ₂	0 to 100%
Heart Rate	0 to 300 bpm
Peak Exhalation Flow	0 to 300 L/min
Rate	0 to 99.9 bpm

References

Description	Product reference
EO-70 cough assistant	EO-70SMD EUR

Accessories:

Vertical support	EO-UPRIGHT
Travel bag	EO-CARBAG70
EO-70 Control Pedal	EO-70FSWITCH
Nonin Xpod SpO ₂ Cable	EO-SPO2CBL



