

Cough Assist

Ref. 0803284

- This Cough Assist is the latest generation of cough assistant and percussor device, aimed to clear impaired airways from mucus in a non-invasive way, with internal battery and 3.5" screen with an high monitoring of respiratory parameters thanks to oximeter.



- Cough assistant and percussor with manual, automatic and auto - adaptive modes

FIELD OF APPLICATION

- Hospitals
- Home Care
- Respiratory Therapy Clinics

SUITABLE FOR:

- Muscular dystrophy
- Spinal muscular atrophy
- Cystic fibrosis (Mucoviscidosis)
- Myasthenia gravis
- Spinal cord injury
- Poliomyelitis
- Amyotrophic lateral sclerosis
- Chronic obstructive pulmonary disease (COPD)
- All conditions that includes muscular weakness

OUTSTANDING FEATURES

- Internal battery, which allows an individual therapy up to 3 days
- Portable size and lightweight (3.2 kg)
- Oscillation function during cough assistant therapy
- Inspiratory volume & Expiratory peak flow visualization
- High monitoring of respiratory parameters thanks to SpO₂ oximeter
- Fast switch between Percussor & Cough assistant therapy



TECHNICAL FEATURES

SETTINGS		
COUGH ASSISTANT		ACCURACY
Positive pressure I	From 0 to +70hPa	±10% or ±2hPa
Negative pressure E	From 0 to -70hPa	±10% or ±2hPa
Inspiration time	From 0,5 to 9,9 sec	±10% or ±2sec
Expiration time	From 0,5 to 9,9 sec	±10% or ±2sec
Pause time	From 0 to 9,9 sec	±10% or ±2sec
Trigger	Levels from 1 (most sensitive) to 9 (less sensitive)	
Inhalation Flow (Rise time)	Low-Medium-High (1,2,3) Maximum inhalation flow at level 3: 240lpm The flow depends on the generated pressure and the breathing system resistance.	
Oscillations	OFF, only on I, only on E, I and E	
Oscillations Pressure	From 1 to 15hPa	±10% or ±2hPa
Oscillations Frequency	From 1 to 20Hz	±1hz
Exhalation Flow	Maximum exhalation Flow at -70hPa: -240lpm	
Inhaled Volume reading	0cc – 2500cc (±100cc or ±15%)	
PERCUSSOR		
Inspiratory positive pressure	From 0 to +70hPa	±10% or ±2hPa
Frequency	From 50 to 600bpm	±10%
I/E Ratio	Variable from 5.0:1 to 1:5.0	±10%
OXIMETER READING		
SpO ₂	70%-100% accuracy= ±2% 50%-69% accuracy= ±3%	
Pulse	25 to 240BPM accuracy= ±2 BPM	
OTHER SPECIFICATIONS		
Alarms	Power failure alarm, high pressures alarms, high temperature alarm, mechanical failure alarm, SpO ₂ , Pulses	
Size	(27×26×13)cm (WxDxH)	
Weight	2.3kg	
Power supply	100/240V 50/60hz, 120VA	
Operating conditions	Temperature of functioning: from 10–40°C, Relative humidity: from 10–90%	
Safety standards	EN60601-1, EN60601-1-2	
Insulation class	Class II BF	
Risk class	2B	



Package included

- **0803288** Adult mask
Replacement every 3 months
- **0803289** Paediatric mask
Replacement every 3 months
- **0803290** Catheter mount
Replacement every 3 months
- **0803291** Percussor expiratory adaptor
Replacement for every new patient
and every 3 months
- **0803292** Antidust filter
(Package of 5 pieces)
Replacement at least one a month
- **0803293** Tube 1.8m – Replacement
for every new patient and every 3 months
- **0803294** Antibacterial filter
Replacement for every new patient and
at least once a week
- **0803295** Connector – Replacement
for every new patient and every 3 months
- **0803296** Mouthpiece – Replacement
for every new patient and every 3 months