


PEGASO PLUS

The PEGASO PLUS 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  Masimo[®] oximeter.

MODELS AVAILABLE

- **PEGASO PLUS COUGH:** Cough assistant with manual, automatic, and auto-adaptive modes
- **PEGASO PLUS COMBI:** 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 + 70 hPa	±10% or ±2 hPa
Negative pressure E	From 0 to - 70 hPa	±10% or ±2 hPa
Inspiration time	From 0,5 to 9,9 seconds	±10% or ±0.2 sec
Expiration time	From 0,5 to 9,9 seconds	±10% or ±0.2 sec
Pause time	From 0,0 to 9,9 seconds	±10% or ±0.2 sec
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: 240 lpm The flow depends on the generated pressure and the breathing system resistance.	
Oscillations	OFF, only on I, only on E, on both I and E	
Oscillation Pressure	From 1 to 15 hPa	±10% or ±2 hPa
Oscillation Frequency	From 1 to 20 Hz	±1 Hz
Exhalation flow	Maximum exhalation Flow at -70 hPa: -240 lpm	
Inhaled Volume reading	0 cc - 2500 cc (+/- 100 cc or +/- 15%)	
PERCUSSOR		
Inspiratory positive pressure	From 0 to + 70 hPa	±10% or 2 hPa
Frequency	From 50 to 600 bpm	±10%
I/E Ratio	Variable from 5.0:1 to 1:5.0	±10%
OXIMETER READING		
SpO ₂	70%-100% accuracy= ±2 % 50% to 69% accuracy = ±3 %	
Pulse	25 to 240 BPM accuracy = ±2 BPM	
OTHER SPECIFICATIONS		
Alarms	Power failure alarm, high pressures alarms, high temperature alarm, mechanical failure alarm, SpO ₂ , Pulses	
Size	27x26x13 cm (W x D x H)	
Weight	3.2 Kg	
Power supply	100/240Vac 50/60Hz, 120 VA	
Operating conditions	Temperature of functioning: from 10° C to 40° C Relative humidity: from 10% to 90%	
Safety standards	EN60601-1, EN60601-1-2 Compliance with the 93/42/ECC Directive	
Insulation class	Class II BF	
Risk class	2B	