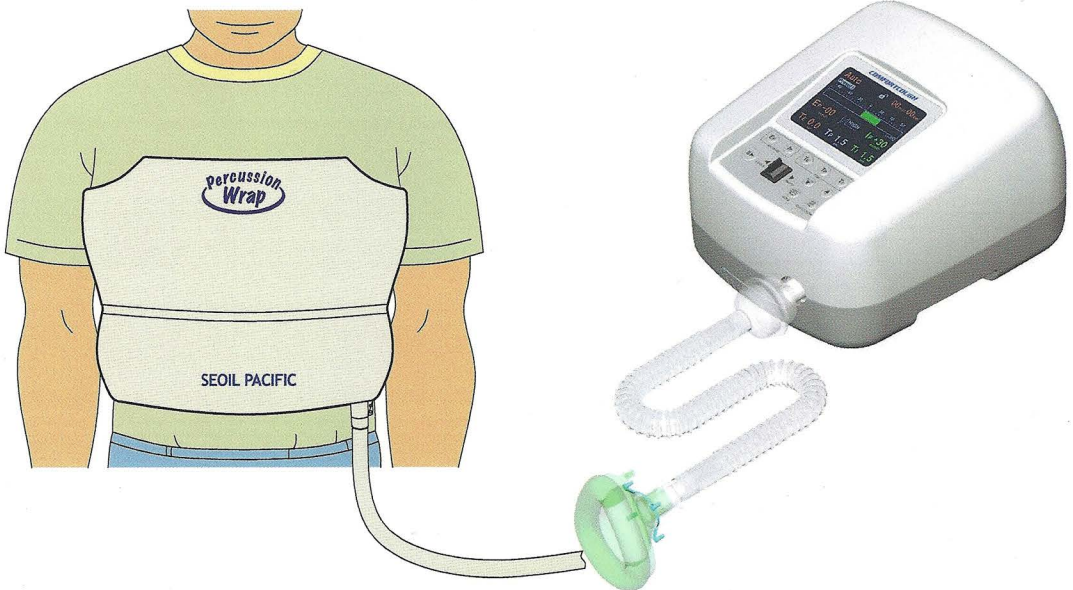


Cough Simulating Device, Dual Function with VEST



COMFORTCOUGH® Plus *Advanced Mechanical In-Exsufflator*

- ▶ *Removes secretions from the lungs*
- ▶ *Reduces the occurrence of respiratory infections*
- ▶ *Is safe, noninvasive, alternative to suctioning*
- ▶ *Is easy for patients and caregivers to operate*

COMFORTCOUGH® Plus, Mechanical In-Exsufflator (MI-E) has been developed to help the patients who cannot clear the bronchopulmonary secretion by him/herself due to the various reasons.

COMFORTCOUGH® Plus makes positive and negative pressure and simulates the natural Cough by shifting the positive pressure to negative pressure in rapid speed. This accelerated air flow through the airways takes the secretions out avoiding any unwanted potential problems associated with generally known invasive procedure. The patients with 'Pulmonary disorders' associated with the impaired secretions clearance function might have benefit from the use of **COMFORTCOUGH® Plus**.



TFT-LCD Display

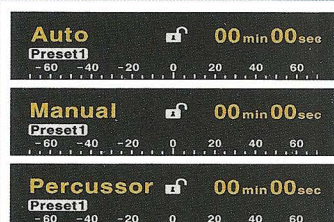
Large & colored screen (114X84mm) gives all the operating information such as mode, pressure and time.



Key Pad

All the manipulation is done by just putting the key pad. This digitalization gives you the most accurate set up.

Time : 0.1sec / Pressure : 1cmH2O



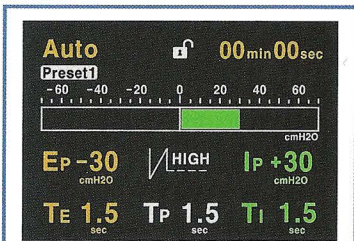
Three Preset Modes

COMFORTCOUGH® Plus can be memorized three kinds of values prior to the use and also remained as empty space.

Percussion Wrap is the Vest for High Frequency Chest Wall Vibration therapy. **COMFORTCOUGH® Plus** vibrates **Percussion Wrap** by making positive and negative pressure in rapid speed. This vibration comfortably compresses and releases the chest wall so that mucus can be dislodged and moved toward central airways.

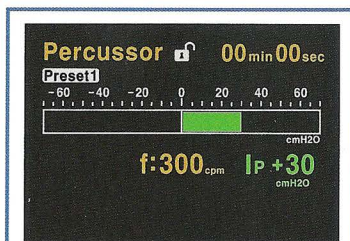
COMFORTCOUGH® Plus can be used with VEST for the high frequency chest wall vibration. This ideal combination creates a significant synergy effect.

COMFORTCOUGH® Plus provides respiratory therapists and critical caregivers with the most efficient solution to clear excess mucus.



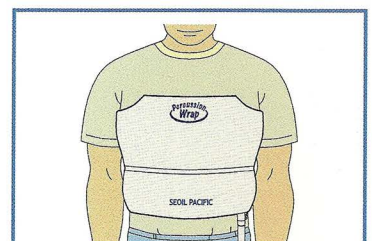
Rehabilitation

Can be set for the purpose of rehabilitation.
 Time setting 0 to 5.0sec
 And , $Ip \leq Ep$ or $Ep \geq Ip$



Percussor Mode

Percussion works with gravity and the vibration moves mucus to the larger airways so it can be coughed out.



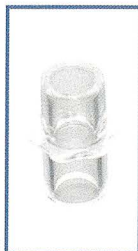
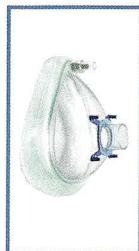
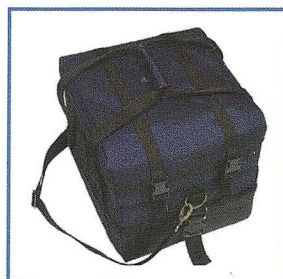
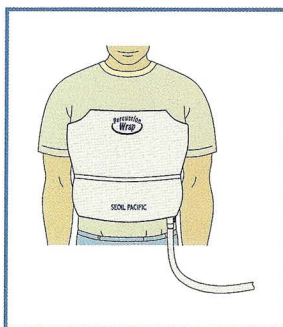
Percussion Wrap

For high frequency chest wall vibration as disposable. This creates a significant synergy effect with COMFORTCOUGH® Plus.

Options and Accessory

Seoil Pacific Corp. supplies "Options and Accessories" for the effective use of **COMFORTCOUGH® PLUS**.

- Stand : Mobile stand supporting **COMFORTCOUGH® Plus**.
Inclusive basket for accessory.
Bracket for MPS200PS detachable.
- Safety Bag : Easy carrying in hand.
Easy packing and opening as Velcro tape adopted
- Carrying Bag : Carrying **COMFORTCOUGH® Plus** with accessories in hand and over a shoulder.
There are two parts, upper part for **COMFORTCOUGH® Plus** and lower part for accessories.



Order Information

▶ Main Body	SICC2001 Plus
▶ Percussion wrap(Optional) Small (100cm)	CV-100123
▶ Percussion Wrap(Optional) Medium (120cm)	CV-100124
▶ Percussion Wrap(Optional) Large (140cm)	CV-100125
▶ Breathing Hose, 100cm	38052
▶ Breathing Hose, 120cm	38017
▶ Breathing Hose, 150cm	38053
▶ Bacterial/Viral Filter	70015
▶ Face Mask, Child Large	5353
▶ Face Mask, Adult	5354
▶ Face Mask, Adult Large	5355
▶ Connector	74505
▶ Comfort Cough Stand	SICC2001-STC
▶ Safety Bag	BAG003
▶ Carrying Bag	BAG004

It is recommendable for the patients whose PCF [Peak Cough Flow] under 3liters per second/180liters per minute, or whose maximum exhalation pressure is under 60cmH₂O, and the patients who have diseases as listed below.

Caution! COMFORTCOUGH® PLUS is a medical device and physician's prescription is needed before use.

COMFORTCOUGH® PLUS Specification

▶ Positive Pressure	0 to 60cmH ₂ O
▶ Negative Pressure	0 to -60cmH ₂ O
▶ Typical Inhalation Flow	3.3Liters/sec when set to minimum; Equals exhalation flow when set to maximum
▶ Typical Exhalation Flow	10Liters/sec (Actual flow depends on set pressure and patient airway resistance)
▶ Inspiratory, Expiratory times	0 to 5.0 sec (in automatic mode) or user variable (in manual mode)
▶ Pause Times	0 to 5.0 sec (in automatic mode)
▶ Mode of Operation	Automatic and manual timing, Percussor
▶ Percussor mode	Inspiratory positive pressure : From 0 to +60cmH ₂ O / Frequency : 10 to 600CPM
▶ Blower Type	Two-stage centrifugal blower with BLDC motor
▶ Input Voltage	100-240VAC, 50/60Hz
▶ Input Power	MAX. 230VA
▶ Size	288mm X 212mm X 330mm
▶ Weight (kg)	6.4 kg

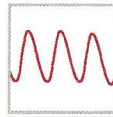
Indications

▶ Muscular Dystorphy, MD	▶ Spinal Cord Injury
▶ Spinal Muscular Atrophy, SMA	▶ Emphysema
▶ Amyotrophic Lateral Sclerosis, ALS	▶ Cystic Fibrosis
▶ Gullain-Barrre Syndrom	▶ Bronchiectasis

Contraindications

▶ Bullous emphysema	▶ Peumo-mediastinum
▶ Pneumothorax	▶ Barotrauma

Multi-purpose Power Supply (MPS200PS – Pure Sine Wave)



When you need AC power back up

during unexpected black out caused by various reasons

such as natural disaster or inferior electric power supply condition.

When you need more stable power supply

to your medical (electronic) device without any unwanted variation of electric current.



► Specification

Input Voltage	100-240Vac
Input Frequency	50/60Hz
Output Voltage	220Vac
Output Frequency	50/60Hz (Pure Sine Wave)
Battery Type	Li-Polymer
Recharging Time	8Hr (AC)
Capacity	200W (500VA)
Battery Pack	7S2P (3.7V X 5A Cell)

► Safety Features

Bat. Low Alarm	22±1V (Alarm every sec.)
Bat. Low Shut down	19±1V (Alarm continuously)
Over Voltage	32±1 V
Over Temperature	55°C ±5°C
Short Circuit protection	Shut-off
Bat. Polarity Reverse	Fuse burn out
Over Load	Re-start 2 times. Shut down if failed
Storage	At -15°C to +45°C

► Weight and Dimensions

Weight	4kg(100Wh)/5kg(250Wh)	Dimensions	168(H) X 275(W) X 185(D)mm
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Stands for Ventilator

As Seoil Pacific Corp. has know-how on Stands development, we can develop and supply customized stands. It is easy for you to assemble and disassemble the stands. You can keep them in the boxes when they are not in use.

Stand For CareFusion LTV



Stand Size (W X D X H)
▪ 600X600X850 mm
Carton Box Size (WXDXH)
▪ 660X690X200 mm
Stand Weight : 12kg

Stand For ResMed VSIII



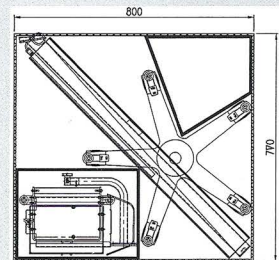
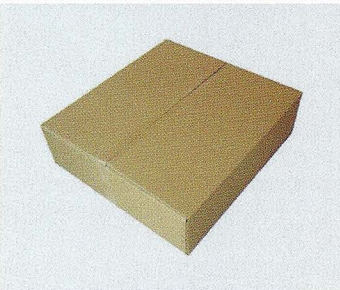
Stand Size (W X D X H)
▪ 600X600X850 mm
Carton Box Size (WXDXH)
▪ 660X690X200 mm
Stand Weight : 10kg

Stand For ResMed Stellar



Stand Size (W X D X H)
▪ 600X600X850 mm
Carton Box Size (WXDXH)
▪ 660X69X200 mm
Stand Weight : 10kg

Standard Packing of stand



Easy assembling, easy disassembling and easy stacking.

► We can develop and supply stands as per your request.



SEOIL PACIFIC CORP.

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PRINTED DATE : 2014.03