OVERVIEW

AEOMED VG70

AEOMED 510S

ETERNITY SH300

ETERNITY SH200

RESMED Stellar 150

RESMED VPAP ST IVAPS

YAMIND DM BIPAP

RESMED Lumis 150 VPAP ST-A

BMC-Y-30T

/01

ICU (INVASIVE) VENTILATOR

AEOMED VG70

AEOMED VG70

Superior mobile ICU ventilator

- Comprehensive ICU ventilator including BIVENT and PRVC
- Compact, big capacity battery, no air compressor, intra-hospital mobility
- Flexible device configuration: equipped on a trolley, bed or ceiling pendant

Cost-effective solution

- Unique metal-based, autoclavable, heated exhalation valve
- Built-in flow sensor, non-consumable design
- Upgradeable ventilation system software, with an available USB port

360° Visible Alarm Lamp

12" TFT Detachable Touch Screen

Ultra Quiet Turbine Inside

Integrated Power Supply Solution

Built-in Battery, With Extended Backup Option

AEOMED VG70

Optimal patient-ventilator synchrony, increase patient comfort

- The Unique Leak Compensation System - Keep precise control on the tidal volume of each breath delivered to the patient by adjusting compensation dosage automatically

- Advanced Trigger Technique - Enhance sensitivity, avoid spurious triggering

| Auto-detect and Adjust Leak Compensation | Automatically Adapt to Patient's Breathing Pattern | Multi-parameter Monitoring |

AEOMED VG70

Safe Ventilation Through Whole Treatment Phase

Initial Treatment Phase

- Noninvasive ventilation mode associated with decreased intubation rates, shortened patient stays, improved patient comfort, and a reduced risk of cross infection
- Preset patient's height and IBW. Reduce clinician's workload

Stable Condition Phase

- PRVC and BIVENT employ lung-protective strategies, delivering intelligent ventilation
- Comprehensive lung mechanics monitoring include compliance, airway resistance, PEEPi and time constant
- Three waveforms & three loops with user-friendly display provide a continuous monitoring of the patient's condition

AEOMED VG70

Safe Ventilation Through Whole Treatment Phase

Weaning Phase

- Various ventilation modes enhance the weaning process
- The unique trigger and leakage compensation system safeguards each and every patient breath resulting in smooth and comfortable breathing, avoiding extra workload on the patient and promoting recovery
- RSBI and WOB provide accurate reference for weaning

Rehab Phase

- Data export port provides connection to hospital monitors and Patient Data Management Systems
- Provides pressure support for the patient when spontaneous breathing is present

AEOMED Shangrila 510S

AEOMED 510S

With advanced technology and versatile ventilation functions, 510S respiratory work station meets the breathing requirements of adult and pediatric.

AEOMED
Shangrila 510S
Integrated Respiratory Work Station

Complete Ventilation Modes

● The device hosts six ventilation modes.

● Besides the conventional Volume-Controlled ventilation   mode, it also has Pressure-Controlled ventilation mode,

● SIMV and CPAP modes.

  The machine can provide a precise tidal volume.

● It also provides inspiration hold and manual breath,   one-button operation, and is thus incredibly convenient.

Ideal O2   Delivery

● With its advanced technology, the range of FiO2 can be set from 40% to 100%.

● Furthermore, this range can be adjusted continuously.

AEOMED
Shangrila 510S
Integrated Respiratory Work Station

Clinical Enhancements

- Manual breath
- Inspiratory hold
- Alarm silence
- Pre-use test

Working Scenarios

- Ward, Emergency Department，Sub-acute Care Unit

ETERNITY SH200

AEOMED
Shangrila 510S

Integrated Respiratory Work Station

Microprocessor controlled system, suitable for adult & pediatric,

LED display, convenient using, and humidifier use electronic knob

setting.

Main Unit:

- Patient type: Adult & pediatric

- Driven mode: gas driven, electronically controlled

- Working mode: pressure limited, time cycled, volume controlled

AEOMED
Shangrila 510S

Product Description

Microprocessor controlled system, suitable for adult & pediatric, LED display, convenient using, and humidifier use electronic knob setting.

Main Unit:

Patient type: Adult & pediatric

Driven mode: gas driven, electronically controlled

Working mode: pressure limited, time cycled, volume controlled

Setting: touch key

Ventilation mode: IPPV, SIPPV, SIGH, SIMV, MAN, SPONT

Tidal volume: 0~1200ml

Breathing rate: 6~60bpm

I:E ratio: 2:1~1:4

Trigger Sensitivity: -2Kp~2Kpa

ASB pressure: 0~6Kpa

High pressure:1~8Kpa

Low pressure: 0~2Kpa

ETERNITY SH300

ETERNITY SH300

- 10.4" TFT color screen

- Easy setting by navigator wheel knob and touch key

- Wide choice of ventilation modes including CPAP, APRV, BIPAP

- Flow and pressure trigger

- Static compliance and resistance monitor

- PEEP, P-V loop, V-F loop

- Three-level visual and audible alarm, with concise words describing problems

- Advanced built-in electronic air-oxygen mixing device

- Durable and accurate built-in flow sensor

- Integrated expiration valve, easy to be sterilized

- Backup apnea ventilation

- Auto nebulizer

- Built-in battery

- CE certified

ETERNITY SH300

SPECIFICATIONS (2)

- 10.4" TFT color screen
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- Durable and accurate built-in flow sensor
- Integrated expiration valve, easy to be sterilized
- Backup apnea ventilation
- Auto nebulizer, Built-in battery
- CE certified

ETERNITY SH300

SPECIFICATIONS (2)

- PEEP/CPAP: 0~50cmH2O

- FiO2: 21~100%

- Psupp: 0~70cmH2O

- Pinsp: 5~70cmH2O

- Thigh: 0.1~30s

- Tlow: 0.5~30s

- Phigh: 5~70cmH2O

- Plow: 0~50cmH2O

- Alarm silence: ≤120s

- Parameters monitored: VTI, VTE, MV, MVspn, f, fspn, FiO2, Ppeak, Pmean, Pplat, PEEP, Pmin, Compliance, Resistance

- Interface: RS232, VGA

ETERNITY SH300

ASSISTANT FUNCTIONS

Freeze: Freeze current screen and suspend rea

I-time data

Insp hold: 15s max

Exp hold: 15s max

O2 suction: 100% O2 for 2 munites

Manual insp

ETERNITY SH300

ALARMS

MV-upper limit: 0~99L

MV-lower limit: 0~99L

Paw-upper limit: 0.1~8KPa

Paw-lower limit: 0~7.9KPa

VTE-upper limit: 0.05~2.00L, OFF

Rate-upper limit: 0~100bpm

Rate-low limit: 0~99bpm

Tapnea: 15~60s

FiO2-upper limit: 21~100%

FiO2-lower limit: 21~99%

Main failure, Battery low, Battery discharged, Air/O2 supply down, Circuit occlusion

ETERNITY SH300

Power and environmental

Power: AC110~240V, 50~60Hz, DC 12V, 4.4AH

Power comsumption: 65VA

Driven mode: Pneumatically driven, electronically controlled

Air/O2 supply: Pressure 0.28~0.6MPa >50L/min

Temperature: Operation 10~40°c;   Storage -20~55°c

Relative humidity: Operation ≤80%, non-condensing;   Storage ≤93%, non-condensing

Atmospheric pressure: Operation 70~106KPa

/02

NON-INVASIVE VENTILATOR

BMC-Y-30T

Therapeutic Product for COVID-19 Patients

Non-invasive ventilator

Non-invasive ventilator Y-30T is Bi-level PAP (Bi-level Positive Airway Pressure) device intended to provide non-invasive ventilation for patients with Respiratory Insufficiency. It is intended for adult patients by prescription in the home or hospital/institutional environment. With its Target Tidal Volume function and other excellent comfort features and effective performance, it offers each patient personal- ized ventilation support.

BMC-Y-30T

Clinical Results

The following recommendations pertain to adult and paediatric patients with ARDS who are treated with non-invasive or high-flow oxygen systems.

High-flow nasal oxygen (HFNO) should be used only in selected patients with hypoxemic respiratory failure. Non-invasive ventilation (NIV) should be used only in selected patients with hypoxemic respiratory failure. Patients treated with either HFNO or NIV should be closely monitored for clinical deterioration.

--Reference *Clinical management of severe acute respiratory infection (SARI) when COVID-19 disease is suspected*

Treatment of severe and critical cases:

a. Treatment principle：

Based on symptomatic treatment, actively prevent complications, treat basic diseases, prevent secondary infections, and provide organ function support in a timely manner

b. Respiratory support:

(a)Oxygen therapy: Severe patients should receive nasal cannula or mask to inhale oxygen and evaluate in time whether respiratory distress and / or hypoxemia is relieved.

(b)High-flow nasal cannula oxygen therapy or non -invasive mechanical ventilation: When patients have respiratory distress and / or hypoxemia cannot be relieved after receiving standard oxygen therapy, high -flow can be considered Nasal catheter oxygen therapy or non-invasive ventilation. If the condition does not improve or worsens within a short time (1 to 2 hours), tracheal intubation and invasive mechanical ventilation should be performed in time.

-- Reference *Diagnosis and treatment of pneumonitis for a new coronavirus infection (Trial Version 7)*

BMC-Y-30T

Comfortability

Humidifier

■ Eco Smart heating system with innovative dual water chambers design delivers accurate water quantity control with real time compensation, ensuring excellent humidifying capacity and improves comfort.

■ Easy to take off and clean.

■ Function to prevent overheating when water is out.
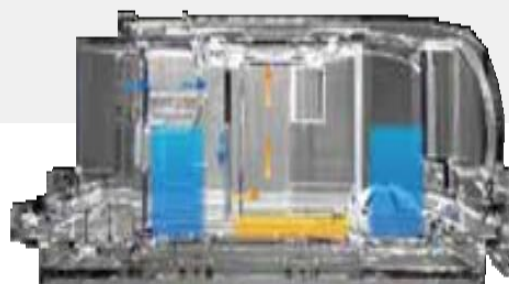
Inspiratory / Expiratory sensitivity

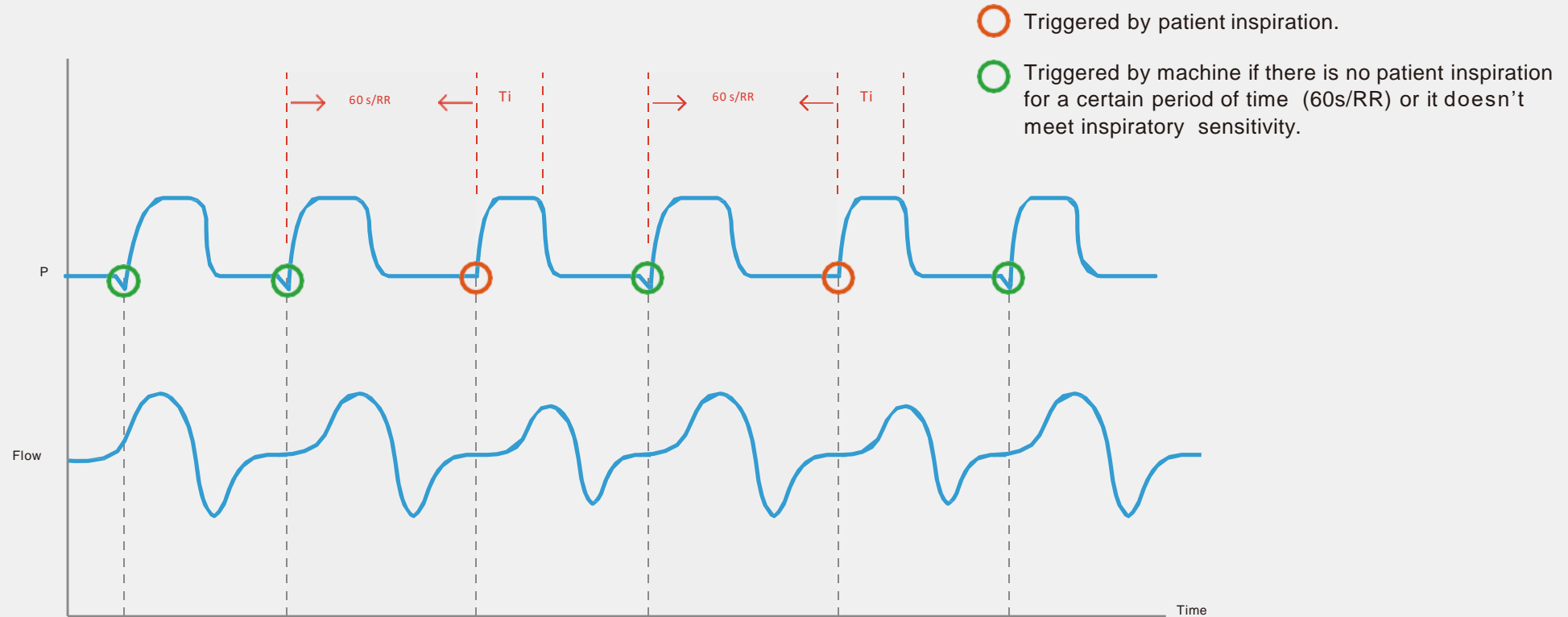8 grades of I Sens and E Sens optimize the compliance of machine with the patient.

I sense

E sense

Efficiencies in Therapy

S/T Mode

Machine complies with patient breathing. However, if there is no inhalation for a certain period of time, the machine will give a forced ventilation to ensure the minimum ventilation.
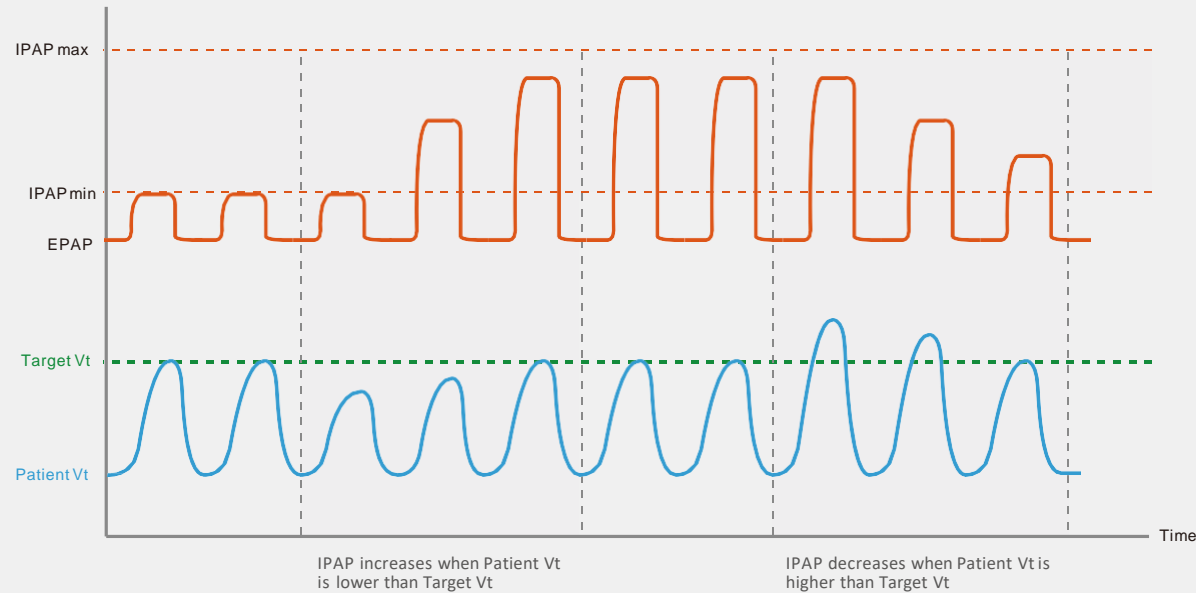
BMC-Y-30T

Target Tidal Volume Function

Optimize IPAP according to mean Vt of last 5 breathings and prescribed Target Vt. Larger difference between mean Vt and target Vt takes more evident adjustment in IPAP.

- Inspiratory pressure is between IPAP min and IPAP max.
- Larger difference between mean Vt and target Vt takes more evident adjustment in IPAP.
- Patient Vt is the mean of Vt values from patient's last 5 breathings.

Height (m)	Ideal Weight (kg) (BMI=20)	Target Vt (mL) (8 mL/kg)	Target Vt (mL) (10 mL/kg)
1.50	45	360	450
1.55	48	380	480
1.60	51	410	510
1.65	54	440	540
1.70	58	460	580
1.75	61	490	610
1.80	65	520	650
1.85	68	550	690
1.90	72	580	720

IPAP increases when Patient Vt is lower than Target Vt

IPAP decreases when Patient Vt is higher than Target Vt

Auto Leak Compensation

The machine detects the leaks during treatment in real time and adjusts the baseline to ensure correct triggering and related functions.
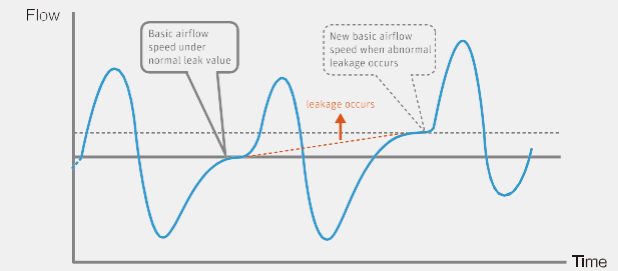
Inspiratory time control

Tim min and Ti max could be set independently, avoiding insufficient ventilation due to short inspiratory time. At the meantime, cases can be prevented where expiratory sensitivity is unable to meet due to large leaks.
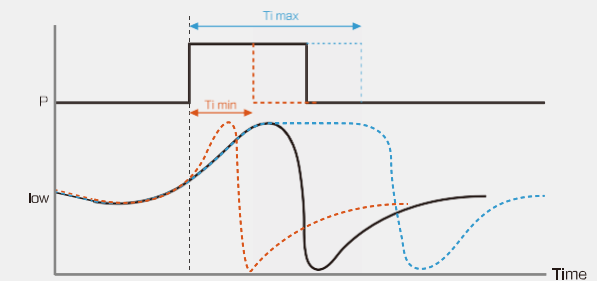
BMC-Y-30T

User Friendliness

Data Management

SD Card GPRS Wi Fi iCode / iCode QR / iCode QR+

Various way of therapy report review Quick

- Report through Device Screen
- BMCares App
- BMCares Cloud Platform
- iCode web version (www.bmc-icode.com)
- RESmart nPAP Data Analysis Software (PC software)
- RESmart Software web version

(www.icodeconnect.com/quick/info)

Alarms to make therapy reliable

Various visual and auditory alarming - Leak, High/Low RR, High/Low Pressure, Low Minute Ventilation, Low SpO$_2$, Power Failure, etc.

3.5-inch LCD screen

Real time display - Pressure (waveform), Flow (waveform), Vte, Respiratory Rate, Minute Ventilation, Leak, Inspiration Time.

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15 languages

English / Español / Português / Deutsch / 中文（简体） / Français / Polski / Italiana / Türk / Русский / Nederlands /Ελληνικά / 한국어 / Magyar / ไทย

Full therapy solution

Trolley

Battery for power back-up

Respiratory humidifier to deliver optimal outcomes 15 or 22 mm tubing

Heated tubing SpO2 Kit

GPRS / Wi-Fi Kit

12/24 V DC/DC Converter

*Some parts are not produced by BMC

Benefits of monitoring & supporting through cloud platform and patient self-management

A 12-month study in the United States in disease management such as strengthened education, follow-up in patients with chronic obstructive pulmonary disease, showed that:
Reduction in hospital admission and emergency visits for COPD, particularly for cases due to non-infectious factors.

Am J Respir Crit Care Med. 2010 Oct 1;182(7):890-6

Dewen and other studies have found that multi-dimensional integrated management in patients can effectively reduce the medical cost of COPD by about 11.7% per person.

COPD.2011 Jun;8(3):153-9

BMC-Y-30T

Specifications

Model Comparison

Y-30T	IPAP: 4 - 30 hPa EPAP: 4 - 25 hPa CPAP mode: 4 - 20 hPa	3.5-inch	CPAP, S, T, S/T

General Info

Dimensions: 170 mm × 180 mm × 118 mm

290 mm × 180 mm × 134 mm (with the humidifier) Weight: 1.5 kg

2.5 kg (with the humidifier)

Water capacity: 350 mL at recommendedwater level

Ramp

The ramp time ranges from 0 to 60 minutes

Humidifier

Humidifier Settings: off, 1 to 5 (95°F to 167°F/ 35°C to 75°C) Humidifier Output: No less than 10 mg H2O/L

SpO2

Range: 0 to 100%

Pulse Rate

Range: 40 to 240 BPM

Sound Pressure Level

<30 dB, when the device is working at the pressure of 10 hPa

Storage

SD card can record patient data and fault information

AC Power Consumption

100 - 240 V AC, 50/60 Hz, Max 2 A

Key Parameters

Target Vt: On/ Off

150~1500 mL

Reslex: Patient, Off, 1~3 I Sens.: 1~8

E Sens.: 1~8

Res Rate: 3~40 BPM Ti: 0.3-3.0s

Rise Time: 1~4

RESMED Stellar 150

RESMED Stellar 150

Designed for versatility, the Stellar 150 is a noninvasive ventilator with invasive capabilities. Offering a comprehensive range of therapy modes, Stellar treats a wide range of adult and paediatric patient types with changing respiratory needs. From those who need NIV during their hospital stay to chronic patients at home with conditions, such as COPD, NMD and OHS, Stellar is a versatile system designed with its end-users in mind.

RESMED Stellar 150

Delivering optimal therapy to suit your patients

Stellar 150 also offers IntelligentAir, a collection of ResMed technologies that deliver individually-responsive ventilation to suit your patients, with: intelligent Volume-Assured Pressure Support (iVAPS) mode to target their alveolar ventilation; an intelligent Backup Rate (iBR) to provide backup breaths when needed; and AutoEPAP to maintain upper airway patency.

RESMED Stellar 150

Meeting the demands of fast-paced hospitals

Taking into consideration the busy hospital environment and typical workflows, Stellar's intuitive menus simplify the setup process, while its real-time display makes monitoring quick and available at a glance.

RESMED Stellar 150

Other features

Real-time data and waveforms: including pressure and flow curves, tidal volume, as well as SpO_2 and FiO_2 levels are viewable on a large colour LCD display

An auto-scaling function: automatically adjusts graphs to scale for easy assessment at a glance

A user-friendly menu: provides intuitive navigation to setup options for quick access and adjustment

A broad range of therapy modes: including S, T, S/T, PAC, CPAP and iVAPS

Pathology defaults: organised by disease category, common clinical defaults assist therapy initiation and setup

ResScan patient management software: offers high-resolution (25 Hz) flow and pressure data for download

IntelligentAir: iVAPS, iBR and AutoEPAP continuously monitor and automatically adjust to deliver personalised therapy to meet your patients' changing ventilatory needs

RESMED Stellar 150

Other features

Integrated oxygen: up to 30 L/min and

high pressure delivery: up to 40 cm H_2O at the mask

Extensive alarms: including FiO_2 and SpO_2 to provide added assurance for patient safety and care

Paediatric use: approved for use by children weighing down to as little as 13 kg

Humidification: heated humidification with H4i™ or HumiCare™ D900 to promote comfort

Dual programs: set and save up to two programs for day/night ventilation or rest/active periods

Personalised efficacy and comfort: various features allow you to easily fine-tune settings to suit your patients' needs: **Vsync and TiControl™:** proven ResMed technologies for leak compensation and inspiratory management for excellence in NIV. **Ramp and ramp down:** gradually increases and decreases the pressure support delivered to help ease your patients into and out of therapy sessions. **5 Trigger:** trigger and cycle sensitivity levels can be fine-tuned according to your patient's given condition. **Rise and fall times:** transition times between inspiratory and expiratory pressures can be adjusted to suit your patient's inspiratory and expiratory needs.

RESMED Stellar 150

Other features

An internal battery: 2 hours of continuous power

External batteries: the power of one – or two – RPS II external batteries, each providing an extra 8 hours' capacity
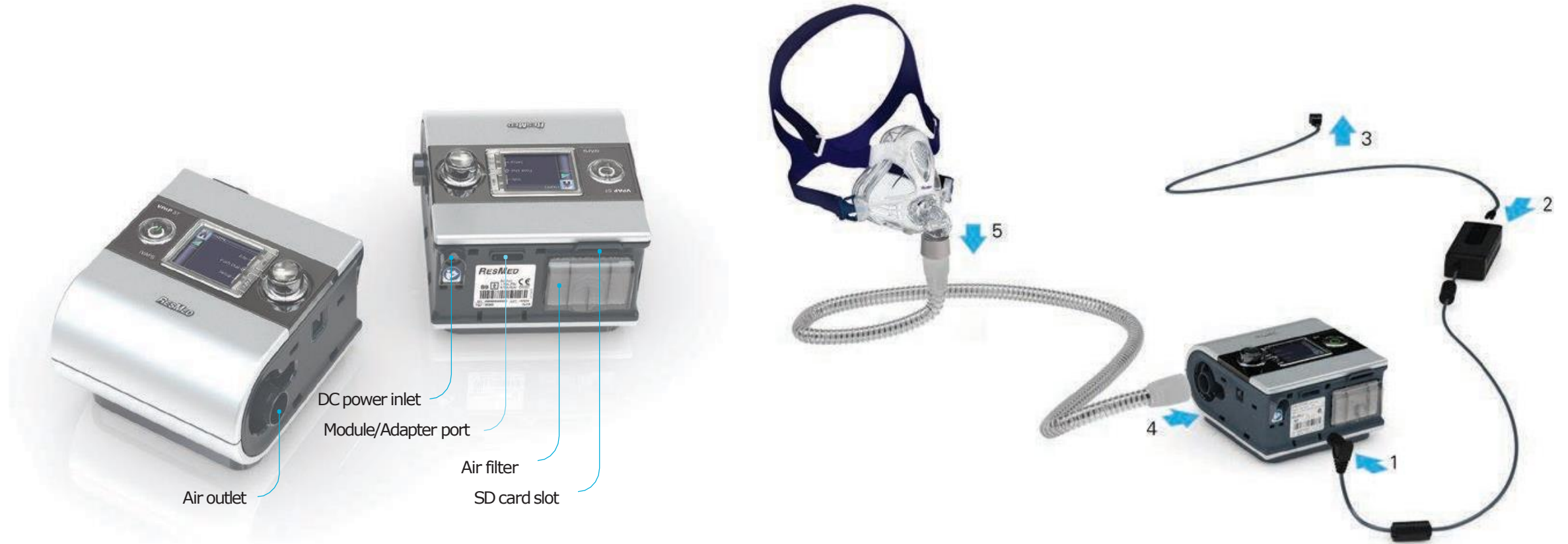
A **DC-DC converter:** plug in mobility for use anywhere with a DC outlet, including cars

Custom-built mobility bags: protecting the ventilator while out and about
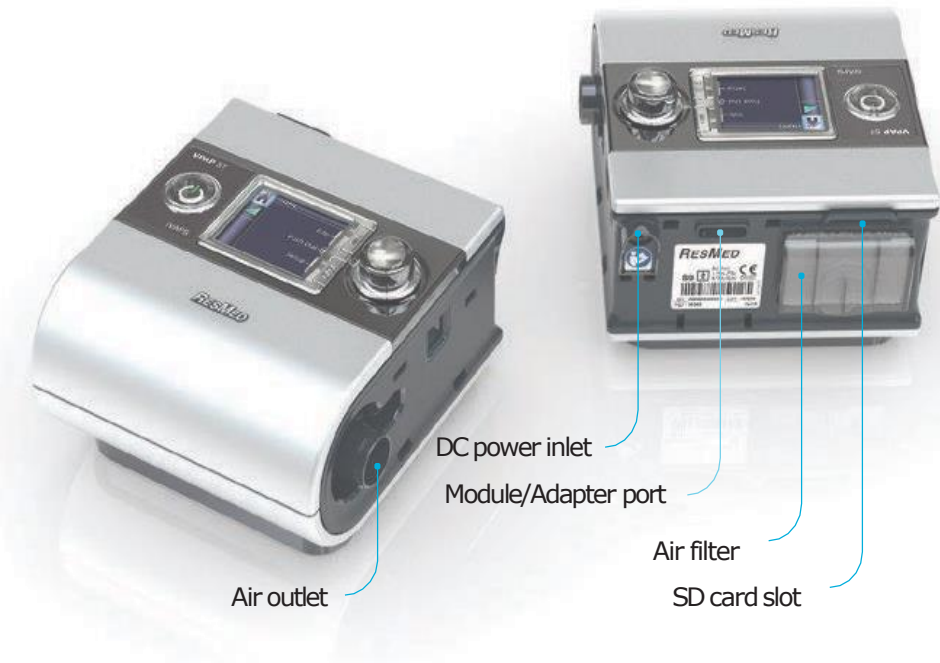
A quality build and durable body: rigorously tested to withstand day-to-day use

RESMED VPAP ST IVAPS

DC power inlet

Module/Adapter port

Air filter

SD card slot

Air outlet

RESMED VPAP ST IVAPS

DC power inlet

Module/Adapter port

Air filter

SD card slot

Air outlet

VPAP ST at a glance

The VPAP ST system comprises the following elements:
•VPAP ST device • Air tubing • 90W power supply unit • S9
 Travel bag • SD card • S9 SD card
protective folder.

Optional components include:

•H5i heated humidifier • Standard air tubing • SlimLine air
tubing • 3 m air tubing • ClimateLine heated air tubing •
ClimateLine^{MAX} heated air tubing • 30W power supply unit
(does not support H5i)

•Power Station II battery pack • DC/DC Converter 24V/90W.

RESMED VPAP ST IVAPS

DC power inlet

Module/Adapter port

Air filter

Air outlet

SD card slot
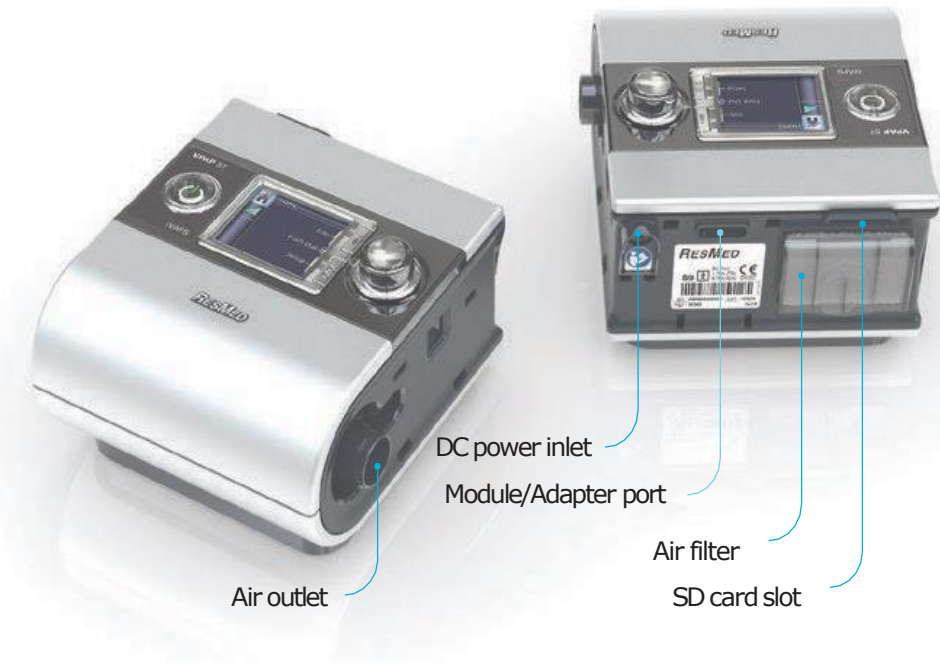
Travelling tips

When travelling with your VPAP ST only:

- Ensure you pack the SlimLine or Standard air tubing as the ClimateLine or ClimateLine^{MAX} heated air tubing is not designed to connect directly to the device.

- Ensure you purchase and travel with the approved power cord for the region where you will be using the device.

VPAP ST iVAPS basics

LCD screen
Displays the menus, treatment screens and reminders.

Start/Stop button Starts or stops treatment.

HOME

Info

Push Dial

Setup

VPAP ST

iVAPS

RESMED

Setup menu*
Allows you to make changes to settings or exit from the menu.

Info menu*
Allows you to view your sleep statistics or exit from the menu.

Push dial Turning the dial allows you to scroll through the menu and change settings. Pushing the dial allows you to enter into a menu and confirm your choice.

Key:

Home

Humidity level

Ramp

Heated tube

Climate Control

Start/Stop

Push dial

Setup menu

Info menu

*The Info and Setup menus are disabled if S9 Essentials has been enabled by your clinician.

Using Mask Fit

You can use Mask Fit to help you fit your mask properly. This feature delivers CPAP pressure for a three-minute period, prior to starting treatment, during which you can check and adjust your Mask Fit to minimize leaks.

1. Fit your mask as described in the mask user guide.

2. From your HOME screen, push and hold for three seconds. One of the following MASK FIT screens is displayed:

3. If necessary, adjust your mask, mask cushion and headgear until Mask Fit indicates Good.
After three minutes, the pressure reverts to the set pressure and treatment will begin.
You can end Mask Fit at any time by pressing

S9 Essentials

S9 Essentials is designed to make device interaction and menu navigation easier for you. If enabled by the clinician, S9 Essentials disables the Info and Setup functionality so that you can simply start and stop therapy and adjust ramp, humidification and Climate Control.

Selecting the mask type

To select your type of mask:

SETTINGS	**SETTINGS**	**SETTINGS**
Tube　　　Standard	Tube　　　Standard	Tube　　　Standard
Mask　　　Pillows	Mask　　　Pillows	Mask　　　Pillows
Mask Fit ->	Mask Fit ->	Mask Fit ->
<<- HOME	<<- HOME	<<- HOME
1. Press [icon] . The SETTINGS screen is displayed.	2. Turn [icon] until Mask is displayed in blue.	3. Press [icon] The selection is highlighted in orange

Note: Selecting the mask type is not possible if S9 Essentials has been enabled by your clinician.

SETTINGS	**SETTINGS**	**HOME**
Tube　　　Standard	Tube　　　Standard	Info —
Mask　　　Full Face	Mask　　　Full Face	Push Dial —
Mask Fit ->	Mask Fit ->	Setup —
<<- HOME	<<- HOME	
4. Turn [icon] until the mask setting that you require is displayed.	5. Press [icon] to confirm your choice.	6. Push [icon] to return to the HOME screen.
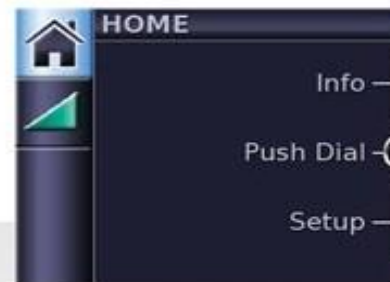
RESMED VPAP ST IVAPS

Getting started

1. Make sure the power is connected.
2. Adjust the ramp time or humidification level if required.
3. Fit your mask as described in your mask user guide.
4. To start therapy, simply breathe into the mask and/or press.
5. Lie down and arrange the air tubing so that it is free to move if you turn in your sleep.
6. To stop treatment at any time, remove your mask and/or press.

Notes:

- If your clinician has enabled SmartStart your device will start automatically when you breathe into the mask and stop automatically when you remove your mask.

- If power is interrupted during treatment, the device automatically restarts therapy when power is restored.

RESMED VPAP ST IVAPS

Viewing the treatment screens

Depending on how the system has been configured, you will see one of the following example screens (shown in ST mode) once therapy has started:.

·H5i humidifier

·H5i humidifier
·ClimateLine or ClimateLine^{MAX}
·Climate Control – Auto

·H5i humidifier
·ClimateLine or ClimateLine^{MAX}
·Climate Control – Manual

·Therapy data—without optional accessories

·ximetry data—via the oximeter adapter

Pressure bar: In bilevel modes, the fixed vertical lines on the pressure bar indicate the expiratory and inspiratory pressures. While the treatment is ramping (indicated by an orange ramp icon) or variable, the pressure values appear in orange. When a set pressure is reached these values are displayed in white. In CPAP mode, only a set pressure is shown.

SD card

An SD card has been supplied to gather therapy data from your device and provide settings updates from your clinician.

When instructed to do so, disconnect the device from the power outlet, remove your SD card, insert it in the protective folder and send it to your clinician.

Removing the card

1. Push in the SD card to release it.

2. Remove the card.

3. Insert the card into the protective folder.

4. Send the protective folder back to your clinician as instructed.

For more information on removing and inserting your card refer to your S9 SD Card Protective Folder provided with your device. Please retain the S9 SD Card Protective Folder for future use.

Notes:
* *For Troubleshooting information refer to the Information Guide.*
* *For more product information see www.resmed.com.*

YAMIND DM BIPAP

FEATURES & ADVANTAGES

PROFESSIONAL

Under the S/T mode, DM BIPAP can quickly switch in5 seconds to product the patient's treatment in time

SATISFACTION

· 0.2cmH2O pressure increment is able to meet the precise treatment pressure requirements.

· The effcient humidification system enables the humidification effect to reach 60%.

INNOVATION

· Innovation algorithm technology can adapt to different users and bring appropriate comfort through precise adjustment.

· Wifi data technique support both real-time transmission and historical data transmission to achieve the function of disconnected network.

TECHNICAL DATA

THERAPY PARAMETER

	Modes	Pressure range	IPAP
DM16B	S-Auto, S, CPAP	2-25cmH$_2$O	4-25cmH$_2$O
DM15T	S/T, T, S, CPAP	2-25cmH$_2$O	4-25cmH$_2$O
DM16T	S/T, S, T, CPAP	4-30cmH$_2$O	4-30cmH$_2$O

Pressure increment	±0.2cmH$_2$O
EPAP	2-25cmH$_2$O
Start pressure	4-20cmH$_2$O-therapy pressure
RAMP	5-60min (Interval between levels are 5min)
Feeling parameter	I-sensitivity*E-sensitivity*I-rate*E-rate*
Xlief*	Pressure relief function.1-3 level
Humidification	1-6 level.
AVAPS control	Available

ACCESSORIES

TF card	8G capacity, built-in ROM (optional)
Package	Carrying bag
Tube	φ22mm,1.8m length
Mask	Nasal mask /Full face mask (optional)

BASIC INFORMATION

Dimensions (L*W*H)	270*162*142 mm(with humidifier)
	147*162*142 mm (W/O humidifier)
Weight	1.9 kg （with humidifier)
	1.1 kg （without humidifier)
Case color	DM16B White; DM15T Gray; DM16T Blue
Display	2.4-inch LED screen, multilingual menu
Noise	≤30dB
Waterproof level	IP21- drip proof equipment

HIGHLIGHTS

Accessibility
P95 function*,Auto leakage compensation, Altitude compensation,Smart start,Automatic pressure titration,Event detection,Reminder of accessories replacement.

Data management
Somnus therapy diagnostic software , AirTreat Cloud data management, APP, QR report.

MonitorParameter
I:E,RR(respiratory rate),LK(leakage),VT(tidal volume),MV (MinVt),IPAP, EPAP,Used Hrs,Avg. AHI,Avg P95.

Humidifier
300ml humidifier, Anti-reflux tank, High-efficiency humidification(up to 60%), Easy to clean, etc.

DM BIPAP Series

a more professional and comfortable choice for personalized treatment

With superior hardware and software technology , DM BIPAP Series respond immediately to the needs of patients to ensure the best therapeutic effect. innovative algorithms and humidification systems provide patients with experience.

Applicable to model DM16B,DM15T,DM18T.

RESMED Lumis 150 VPAP ST-A

RESMED Lumis 150 VPAP ST-A

Personalised ventilation made easy

This product may not be available in all countries.

Lumis 150 VPAP ST-A is a non-invasive ventilator with alarms. It is designed for non-dependent patients with respiratory insufficiency.

The ventilator features IntelligentAir, a collection of ResMed technologies that can tailor therapy to the patient's individual breathing needs. IntelligentAir comprises iVAPS (intelligent Volume-Assured Pressure Support), a mode that automatically adapts to the patient's changing needs; an intelligent Backup Rate (iBR)* that maximises their opportunity to breathe spontaneously; and an optional AutoEPAP** feature to maintain upper airway patency.

* Available in iVAPS and ST modes.   ** Available in iVAPS mode.
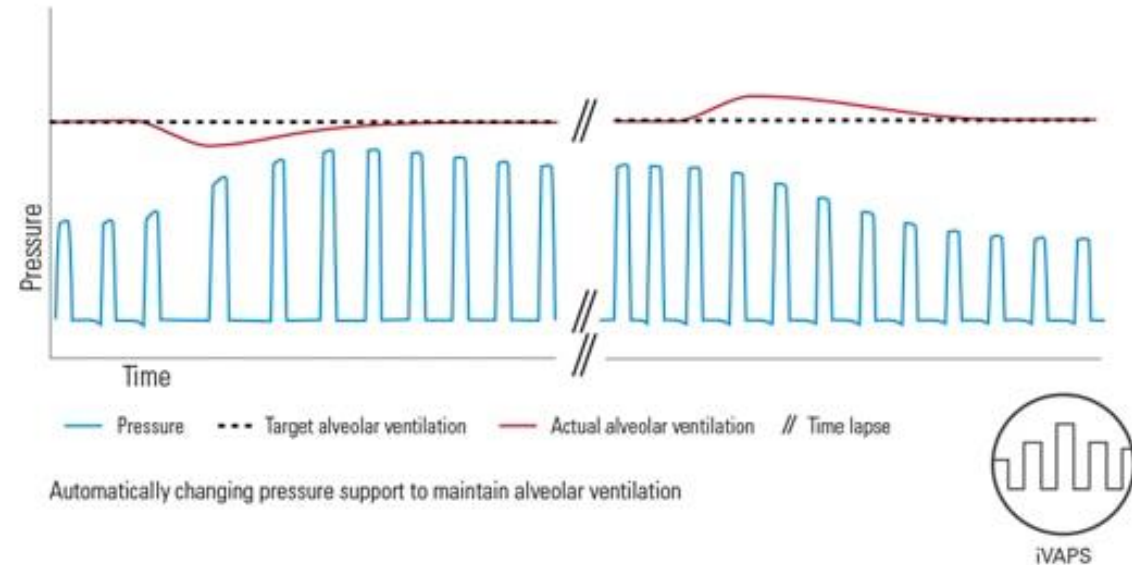
RESMED Lumis 150 VPAP ST-A

A set of fixed and adjustable alarms for extra reassurance

Fixed alarms include system events, such as power fail and system fault. Alarms that you can set are high leak, low minute ventilation, apnoea, non-vented mask , and low SpO2 (when an oximeter is connected).

Pressure

Time

— Pressure ··· Target alveolar ventilation — Actual alveolar ventilation // Time lapse

Automatically changing pressure support to maintain alveolar ventilation

iVAPS

RESMED Lumis 150 VPAP ST-A

A set of fixed and adjustable alarms for extra reassurance

Fixed alarms include system events, such as power fail and system fault. Alarms that you can set are high leak, low minute ventilation, apnoea, non-vented mask , and low SpO2 (when an oximeter is connected).

RESMED Lumis 150 VPAP ST-A

Intelligent Backup Rate (iBR) maximises the patients' opportunity to trigger the ventilator. Staying out of the way until needed, iBR adds backup breaths to comfortably bring patients back to target.

Optional AutoEPAP maintains upper airway patency by auto-adjusting the expiratory pressure in response to partial and full obstructions.

Vsync provides excellent patient–ventilator synchrony, even in the presence of significant leak.
TiControl™ lets you set min and max limits on either side of the patient's ideal inspiratory time to encourage spontaneous breathing.

Trigger and cycle helps you optimise settings according to the patient's condition, using five trigger and cycle sensitivity levels.

QuickNav for low-touch therapy adjustment. By simply double-clicking the home button on the device, you can toggle between the Settings and Monitoring screens to change and check settings quickly and easily.

Climate Control Auto for automatic humidification. When used with a [HumidAir™ heated humidifier](#) and [ClimateLineAir™ heated tube](#), Lumis delivers humidification automatically – no settings to change and no complicated menus to navigate.

Ramp and Ramp Down. To help patients ease into a therapy session, the Ramp feature gradually and comfortably ramps the pressure up to their prescribed level; and to help ease them out of a therapy session, Ramp Down gradually reduces the EPAP and pressure support.

Distributed by:

Eagle International Group
170 High Street
Winchester
Hampshire
United Kingdom
SO23 9BQ

Phone: +44 (0) 1962 867 000
Fax: +44 (0) 1962 672868
Mobile: + 44 (0) 79210 99999
Web: www.eagleinternationalgroup.com