

RESMED

TECHNICAL SPECIFICATIONS

Mode

Spontaneous
Spontaneous-Timed
Timed
CPAP

Pressure range

IPAP 3–30 cm H₂O
EPAP 3–25 cm H₂O
CPAP 4–20 cm H₂O

Respiratory rate

5–30 BPM

Ti Max (IPAP Max)

0.1–4.0 sec

Ti Min (IPAP Min)

0.1–Ti Max sec

Rise time

MIN, 150–900 msec

Trigger sensitivity*

(accuracy ± 0.5 L/min)
Low 7.5 L/min
Med 4.0 L/min
High 2.5 L/min

Cycle sensitivity

(percentage of peak inspiratory flow)
Low 18%
Medium 25%
High 33%

Display—treatment screens

Mode and pressure settings
Trigger and cycle indicator
Pressure bar graph
Leak (L/min)

Respiratory rate

Minute ventilation
Tidal volume
Measured inspiration time
Measured I:E ratio
SpO₂ and heart rate (only when ResLink and pulse oximeter attached)

Display—clinical results menu (Efficacy and usage data)

Leak
Tidal volume
Respiratory rate
Minute ventilation
Spontaneous Trigger %
Spontaneous Cycle %
Total usage hours
Usage days

Data storage (via AutoScan™ data management software)

Patient data
Night profile
365 days of usage and efficacy data
Changes in treatment data from one breath to another (when ResLink attached)

Alarm

Power failure
Mask off
Non-vented mask
Low minute ventilation
Low pressure
High pressure

Mask-fitting feature

SmartStart™/Stop feature

Size (L x W x H)

10.6" x 9.1" x 5.6"
(270 mm x 230 mm x 141 mm)

Weight

5.1 lb (2.3 kg)

Power supply

AC 100–240V, 2.2A, 50/60Hz; DC 24V, 2A

* EPAP 5 cm H₂O, IPAP 10 cm H₂O, Rise time Min, Leak zero, on a patient simulator (R20, C20, BPM 20)

PRODUCT CODES

USA

VPAP ventilatory system (VPAP III ST-A with clinical stand)	24129
VPAP III ST-A	24116
ResLink	30924
Oximeter (with flex sensor)	1430050

RESMED

VPAP™ III ST-A

... because every breath matters
and every moment counts



ResMed Corp Poway, CA, USA +1 858 746 2400 OR 1 800 424 0737 (toll free), ResMed Ltd, 1 Elizabeth MacArthur Drive Bella Vista NSW 2153 Australia +61 (2) 8884 1000 or 1 800 658 189 (toll free). Offices in Austria, Brazil, Finland, France, Germany, Hong Kong, Japan, Malaysia, Netherlands, New Zealand, Singapore, Spain, Sweden, Switzerland, United Kingdom (see website for details). Protected by patents: AU 697652, AU 689726, AU 713679, EP 0861071, EP 0658352, US 4594310, US 5198924, US 5522382, US 6213119, US 6248921, US 6705315. Other patents pending. Protected by design registrations: AU 147293, AU 147335, AU 147336, CH 128709, CH 128710, CH 128711, CH 128712, DE 40201723, DE 40202007, DE 40202008, DE 40202020, ES 153514, ES 153515, ES 153516, ES 153518, ES 153519, ES 156136, FR 02 1407, GB 3001791, GB 3001819, GB 3001820, GB 3001821, JP 1164087, JP 1164265, JP 1164266, JP 1164267, JP 9838613, SE 75598, SE 75599, SE 75600, SE 75715, US D467335, US D468011, US D476077, US D477868, US D487311, US D503796. Other designs pending. Specification may change without notice. AutoScan, IPAP MAX, IPAP MIN, ResControl, ResLink, SmartStart, TICONTROL, VPAP and Vsync are trademarks of ResMed Ltd and IPAP MAX, SmartStart, and VPAP are registered in US. Patent and Trademark Office. ©2006 ResMed Ltd. 1010733/3 06 07

VPAP III ST-A

Breath by breath—effective ventilation and synchronized support

- Vsync™—automatically maintain reliable triggering and cycling in the presence of leak
- World-leading ResMed masks—optimize fit, seal and comfort
- Mask-fit star rating—use this valuable training tool for optimal mask fitting
- TiControl™—optimize inspiratory time by setting minimum and maximum time limits



- ResLink™ module—access real-time oximetry data and other valuable therapy information

ResMed understands the need for continuity, comfort and follow-up as the patient transitions from hospital to home

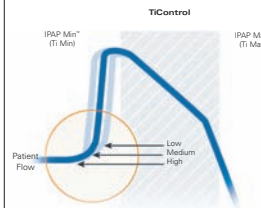


Breath by breath—in control with assurance and flexibility

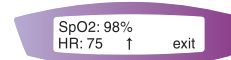
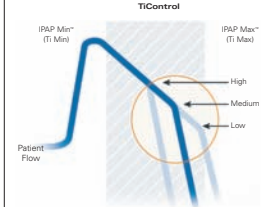


Adjustable and fixed alarms—assess the priority of the alarm according to colored indicators on the unique LED display

Adjustable trigger sensitivity



Adjustable cycle sensitivity



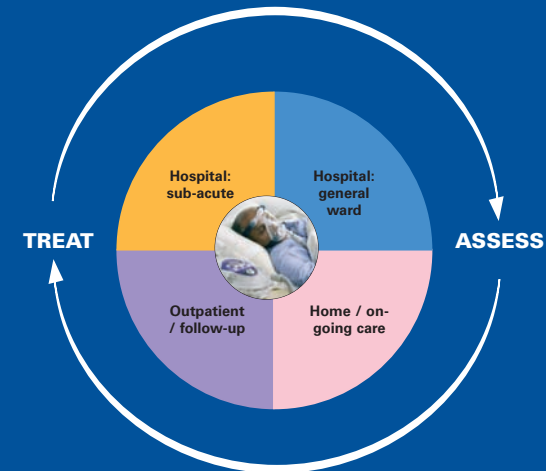
Treatment screens—instantly assess parameters such as respiratory rate (RR), tidal volume, trigger/cycle indicator, inspiratory time and oxygen saturation (SpO₂—optional with ResLink)

Moment by moment—value for time

ResMed understands the rigorous demands of busy hospital routines and the sense of urgency when treating patients on NPPV. Making every moment count, the VPAP III ST-A saves staff time with:

- quick setup
- automatic leak management—Vsync
- efficient patient monitoring and therapy management options.

The VPAP III ST-A is a trusted NPPV system from ResMed—our high quality is matched by the training and support your staff need.



NPPV treatment and assessment go hand-in-hand, working together in a continuous cycle—in the hospital and beyond