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healthcare within reach

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SV 300

Ventilator

Compact yet powerful

reddot award 2015
winner

SV 300
Ventilator

Design based on simple facts

Comprehensive
- SV 300 comes with extensive ventilation modes and is ideally for acute ICU use.

Simple
- Intuitive user interface that optimizes clinical workflow

Adaptive
- With useful functions, it is adoptable to different clinical environments.

We listen to **your opinions** and try best to make your **daily work easier**

A comprehensive ventilator that fits for **stringent ICU environment**

Don't fool by the compact size of the SV 300 ventilator, as it comes with extensive ventilation modes and is equipped with functions that usually find on intensive care ventilator. We also integrate unique features that you even won't find among top end competitors.

ICU package options
- APRV
- PRVC
- ATRC
- PV Tool

Extensive monitoring
- 4 waveforms
- 2 loops
- 72 hrs patient trend data
- 5000 events log

Volumetric CO_2 measurement
- Airway dead space
- CO_2 elimination

Weaning indicators
- P0.1
- NIF
- RSBI

O_2 Therapy
- O_2 enrichment
- Adjustable flow

Intelli Cycle
- Automatic switch over
- Enhance patient synchrony

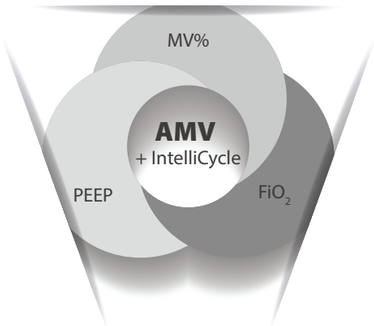
SV 300 comes with adjustable screen that allows tilt for best viewing angle

- Setting range indicator
- Setting summary

- Alarm range indicator
- Active alarm with color coded
- Auto alarm limits

Ease of use

The combination of AMV and IntelliCycle enables the ventilator to make automatic adjustment to ventilator settings reducing the need for clinicians to make repeated, low level, adjustments so they can direct their focus more effectively on other aspects of patient care.



Thanks to the intuitive UI design of SV 300, changing of ventilation modes requires only 2 simple steps. Each function is in logical order so that you wouldn't be lost in complex user manual.

SV 300
Ventilator

Operate with ease during your **daily routine**

Ease of maintenance

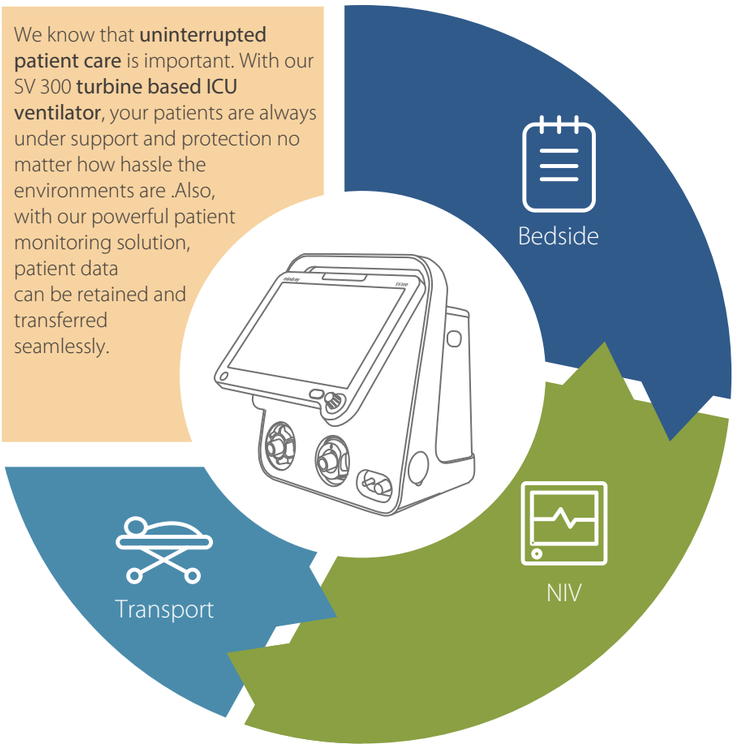
With our newly designed expiratory and inspiration valve , replace and clearing is no more a hassle. Also, it is extremely durable and it can last longer than most of the competitors offer right now out there in the market.

Valve system:
- Detachable design
- Disassemble with tool free
- Support autoclave sterilization
- Extremely durable

Versatile functions you will find in **one** device

SV 300
Ventilator

We know that **uninterrupted patient care** is important. With our SV 300 **turbine based ICU ventilator**, your patients are always under support and protection no matter how hassle the environments are .Also, with our powerful patient monitoring solution, patient data can be retained and transferred seamlessly.



Invasive therapy-Bedside intubated

- Extensive ventilation modes
- Mainstream CO_2
- ATRC
- Weaning indicators

Non-invasive therapy-NIV and O_2 therapy

- Exceptional leak compensation capability
- Quite turbine
- Intellicycle for better synchrony breath
- Integrated SpO_2 monitoring

On the run-Intra Hospital transport

- Easy detachable trolley
- Only 9.8kg
- Up to 6 hrs internal battery support
- SpO_2 monitoring
- Side stream CO_2

20,000
working hours turbine

Powerful built-in turbine provides up to 210 L/min of flow that can fulfill most of the critical patient needs. It does not require any annual maintenance due to its exceptional reliability.

Thoughtful functions built-on **latest hardware platform**

Future proof

Mindray is committed to protecting your investment by relentlessly developing features that can improve patient care and reduce patient cost. With 25 years experience on development of anesthesia and ventilator products, we proudly present you our new member, SV 300 ventilator.
SV 300 is built on a highly sophisticate platform , base on state of the art industrial hardware. Your investment is further assure, as we always leave space for future upgrade and comply with the latest stringent medical requirements.

** Accordingly to the latest CE guideline, both the inspiration and expiration valves should be detachable and able to sustain high temperature sterilization in order to minimize the risk of cross contamination*

2 detachable valves

Its design is according to the latest international standard *ISO 80601-2-12 & ISO 80601-2-55. We are one of the few manufacturers out there in the market that supports autoclavable inspriration valve. This further reduce the risk of cross contamination.

2 types of $EtCO_2$ options

SV 300 supports both mainstream & sidestream options of $EtCO_2$ measurement. It is a Flexible solution that fits for your department needs.

2 additional functions regarding to patient oxygenation

SV 300 provides SpO_2 measurement and O_2 therapy, excellent tools for your patient weaning strategy. Also, it allows SpO_2 measurement even when patient monitor is not around.

SV 300
Ventilator

SV 300 is a state-of-the-art ventilator that's simple to configure, easy to operate and versatile in use. It is equipped with extensive ventilation modes that can be applied to pediatric and adult patients with all acuity levels at ICUs and Intermediate Care. With the built-in high performance turbine, SV 300 provides excellent spontaneous breathing capabilities for invasive and non-invasive application and makes it independent from the central gas supply.