SV300
Ventilator

red dot award 2015
winner

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SV300
Ventilator

Design based on simple facts

Comprehensive
- SV300 comes with extensive ventilation modes and is ideally for acute ICU use

Simple
- Intuitive user interface that optimises clinical workflow

Adaptive
- Adaptable to many clinical environments
A comprehensive ventilator for demanding ICU environments

Don’t be fooled by the compact size of the SV300 ventilator, as it comes with extensive ventilation modes and is equipped with functions that are usually only found on intensive care ventilators.

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

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

Volumetric CO₂ measurement
- Airway dead space
- CO₂ elimination

Weaning indicators
- P0.1
- NIF
- RSBI

VCO₂

O₂ Therapy
- O₂ enrichment
- Adjustable flow

Intelli Cycle
- Automatic switch over
- Enhance patient synchrony
Ease of use

Providing mechanical ventilation requires a lot of attention. In view of this, we conducted an in-house study to calculate the number of steps that are needed to be performed by caregivers during the entire course of ventilation. The data suggests that SV300 ventilators require the least amount of operation. (20% lower than other European brand ventilators: for both ARDS and COPD patients)

Thanks to the intuitive UI design of SV300, changing of ventilation modes requires only 2 simple steps. Each function is in logical order so that you’re not lost in complex user menus.

Ease of maintenance

With our newly designed expiratory and inspiration valve, replacing and clearing is no longer a hassle.

Valve system:
- Detachable design
- Disassemble without tools
- Support autoclave sterilisation
- Extremely durable

The operating time is reduced by 20%
We know that uninterrupted patient care is important. With our SV300 turbine based ICU ventilator, your patients are always under support and protection no matter how demanding the environments are. Also, with our powerful patient monitoring solution, patient data can be retained and transferred seamlessly.

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

**SV 300 Ventilator**

**Invasive therapy - Bedside intubated**
- Extensive ventilation modes
- Mainstream CO₂
- ATRC
- Weaning indicators

**Non-invasive therapy - NIV and O₂ therapy**
- Exceptional leak compensation capability
- Quite turbine
- Intellicycle for better synchrony breath
- Integrated SpO₂ monitoring

**On the move - intra-hospital transport**
- Easy detachable trolley
- Only 9.8kg
- Up to 6 hrs internal battery support
- SpO₂ monitoring
- Side stream CO₂
Mindray is committed to protecting your investment by relentlessly developing features that can improve patient care and reduce patient cost. With 25 years experience developing anesthesia and ventilator products, we proudly present you the SV300 ventilator.

SV300 is built on a highly sophisticated platform, based on state of the art industrial hardware. Your investment is further assured, as we always leave space for future upgrades 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.

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.

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 inspiration valve. This further reduce the risk of cross contamination.

2 types of EtCO₂ options

SV300 supports both mainstream & sidestream options of EtCO₂ measurement. It is a flexible solution that fits for your department needs.

2 additional functions regarding to patient oxygenation

SV300 provides Spo₂ measurement and O₂ therapy, excellent tools for your patient weaning strategy. Also, it allows Spo₂ 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 paediatric and adult patients with all acuity levels in ICUs and intermediate care. With the built-in high performance turbine, SV300 provides excellent spontaneous breathing capabilities for invasive and non-invasive application and makes it independent from the central gas supply.