

Globally experienced, locally accessible

Mindray is one of the leading global providers of medical devices and solutions. Firmly committed to our mission of "sharing medical technologies with the world", we are dedicated to innovation in the fields of Patient Monitoring & Life Support, In-Vitro Diagnostics, and Medical Imaging. The 1 Solution capitalizes on Mindray's broad product portfolio and offers hospitals a holistic and systemic solution to improve the overall efficiency and quality of care particularly in three key clinical areas: emergency care, peri-operative care, and critical care.

Headquartered in Shenzhen, China, and listed on the New York Stock Exchange, Mindray possesses a sound distribution and service network with subsidiaries in 18 countries in North and Latin America, Europe, Africa and Asia-Pacific. While improving the quality of care, we help in reducing its cost, making it more accessible to a larger part of humanity.

Since its foundation in 1991, Mindray's development has been driven by innovation. Mindray has built up a global R&D network with research centers in Seattle, New Jersey, Miami, Stockholm, Shenzhen, Beijing, Nanjing, Chengdu, Xi'an and Shanghai.

Today, Mindray's products and services can be found in healthcare facilities in over 190 countries and regions. Inspired by the needs of our customers, we adopt advanced technologies and transform them into accessible innovation, bringing healthcare within reach.



SV 300 Ventilator

Compact yet powerful



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Mindray is listed on the NYSE under the symbol "MR"

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healthcare within reach



SV 300 Ventilator



Design base on simple facts

Critical care is intense and we know that your ultimate goal is to enhance clinical workflow. So, we dedicate ourselves in designing a machine that fulfills the following criteria.

Comprehensive

- SV300 comes with extensive ventilation modes and ideally suited for ICU use

Simple

- intuitive user interface that enhances clinical workflow

Adaptive

- useful functions meet actual needs, it is adaptable to different clinical environments



We listen to **your Opinions**
and we help to make your
daily work easier

A comprehensive ventilator suitable for stringent ICU environment



Don't be fooled by the compact size of the SV300 ventilator. It comes with extensive ventilation modes and equipped with functions that are usually found on intensive care ventilators. We also integrated unique features that you won't even find among top end competitors



ICU package options
- APRV
- PRVC
- ATRC
- PVTool



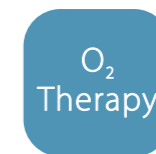
Extensive monitoring
- 4 waveforms
- 2 loops
- 72 hrs patient trend data
- 5000 events log



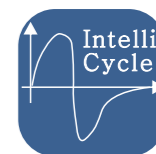
Volumetric CO₂ measurement
- Airway dead space
- CO₂ elimination



Weaning indicators
- P0.1
- NIF
- RSBI



O₂ Therapy
- O₂ enrichment
- Adjustable flow



Intelli Cycle
- Automatic switch over
- Enhance patient synchrony



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



-Setting range indicator
-Setting summary



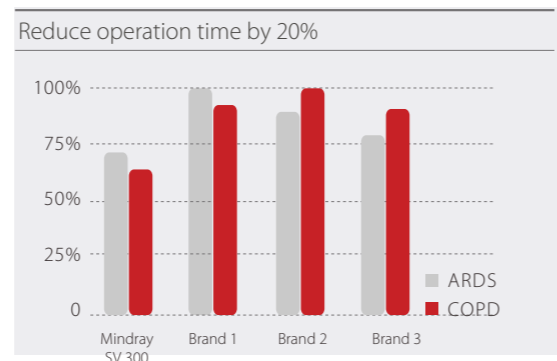
-Alarm range indicator
-Active alarm with color coded
-Auto alarm limits

Operate with ease during your daily routine



Ease of use

Providing mechanical ventilation usually requires a lot of attention and operation. In view of this, we conducted an in-house study to calculate the number of steps that need 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, change 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

Ease of maintenance

With our newly designed expiratory and inspiration valves, replacing and cleaning are no longer a hassle. Also, it is extremely durable and can last longer than most of the competitors offerings right now out there in the market.

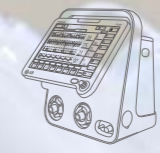
Valve system:

- Detachable design
- Require no tools during disassemble
- Support autoclave disinfection
- Extremely durable



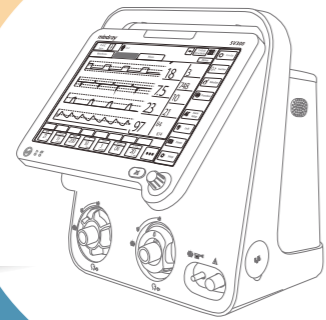


Versatile functions
you will find
in **one** device



SV 300
Ventilator

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 stressful the environments are. Also, with our powerful patient monitoring solution, patient data can be retained and transfer seamless.



Bedside



NIV



Transport



Invasive therapy-Bedside and intubated

- Extensive ventilation modes
- Mainstream CO₂
- ATRC
- Weaning indicators



Non-invasive therapy-NIV and O₂ Therapy

- Exceptional leak compensation capability
- Silent turbine
- Intellicycle for better synchronous breaths
- Integrated SPO₂ monitoring



On the run-Intra Hospital transport

- Easy detachable trolley
- Light weight only~9.8kg
- Up to 4 hrs internal battery support
- SPO₂ monitoring
- Side stream CO₂ monitoring

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 protect your investment by relentlessly developing features that can improve patient care and patient outcomes. With 25 years of experience on development of anesthesia and ventilator products, we proudly present you our new member, 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 room 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

Design 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 support autoclavable inspiration valve. This further reduces the risk of cross contamination.



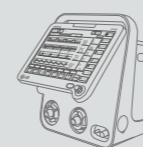
2 types of EtCO₂ measurement options

We support both mainstream & sidestream options of EtCO₂ measurement. It is a flexible solution that fits for your department needs we support both mainstream & sidestream option of EtCO₂ measurement. Flexible solution that fit for your department needs



2 additional functions regarding to patient oxygenation

We provide **SpO₂ measurement** and **O₂ Therapy**, excellent tools for your patient weaning strategy. Also, it allows SPO₂ measurement 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 equips with extensive ventilation modes that can treats pediatric and adult patients with all acuity levels at 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.

