Mindray

SV300 Pro
Ventilator

Compact yet powerful

mindray

healthcare within reach

Design based on simple facts

Comprehensive
SV300 Pro comes with extensive ventilation modes and is ideal for acute ICU use.

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

Simple
Intuitive user interface optimizes clinical workflow.

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

A comprehensive ventilator that fits for stringent ICU environment

Powerful Tools

Don't be fooled by the compact size of the SV300 Pro ventilator. It comes with extensive ventilation modes and is equipped with functions that are usually only found on intensive care ventilators. We have also integrated unique features that you won't find on other high spec models.

Advanced synchronization technology

IntelliCycle™ Pro automatically adapts to the patient breathing pattern based on waveform analysis to improve the patient-ventilator synchrony.
- Reduces patient's work of breathing by adjusting inspiratory and expiratory trigger sensitivity
- Avoids pressure overshoot or flow starvation

IntelliCycle Pro

Lung protection functions

Comprehensive ICU-grade functions such as APRV, VS ventilation mode, low flow PV tool, recruitment tool(Sustain inflation), providing more choices fort clinicians.
- APRV mode for inverse-ratio ventilation
- SI and PV tool are optimized for lung protective strategies

APRV   P-V   SI

Easy-to-use weaning tool

Reduce clinicians' workload while ensuring patient safety using standardized weaning protocol with continuous monitoring and result prompts.
Provides comprehensive weaning assistive tools such as RSBI, NIF, P0.1 to evaluate the potential for weaning.

SBT   NIF   P0.1

Versatile functions all on one device

Invasive therapy: Bedside intubated

- Extensive ventilation modes
- ATRC
- Weaning indicators

Non-invasive and O_2 therapy

- Exceptional leak compensation capability
- Quiet turbine
- Integrated SpO_2 monitoring

On the run: Intra-hospital transport

- Easily detachable trolley
- Approximate 10kg
- Up to 6 hours internal battery support

CPRV™ ventilation

- Integrates unique e-ITD™
- Improves venous return and helps improve perfusion
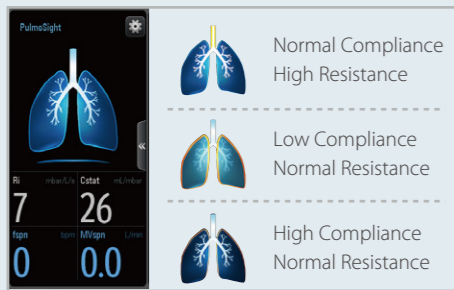- Automatically associates CO_2 monitoring

Neonatal ventilation

- Comprehensive ventilation modes for neonates
- Accurate proximal flow sensor
- High precision flow and pressure control

- Adjustable screen allows best viewing angle
- Frameless design capacitive touch screen

Normal Compliance High Resistance	
Low Compliance Normal Resistance	
High Compliance Normal Resistance	

- PulmoSight™ graphically dispalys resistance, compliance and breathing state
- Prompts abnormal compliance and resistance

- Setting range indicator
- Setting summary

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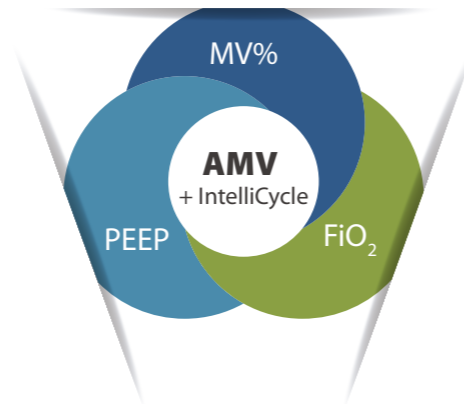- Auto alarm limits

Ease of use

Intelligent ventilation AMV™

AMV™ (Adaptive Minute Ventilation) is a ventilation mode that automatically adapts to patient status, to ease clinician's workload.

- Based on the widely recognized Otis minimum breathing work principle
- Automatically adjusts Vt, f, I:E
- Adapts to mandatory to full spontaneous ventilation

The combination of AMV™ and IntelliCycle™ Pro allows the ventilator to make automatic adjustments 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.

Operate with ease during your daily routine

Thoughtful functions built-on latest hardware platform

Future proof

Mindray is committed to protecting your asset by continuously developing features designed to improve patient care and reduce patient cost. With 25 years' experience in developing anesthesia and ventilator products, we are proud to present our latest model, the SV300 Pro ventilator.
The SV300 Pro is supported by a highly sophisticated platform, based on state of the art industrial hardware.
A robust investment, the SV300 Pro complies with the latest stringent medical requirements, while leaving room for future upgrades.

* 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 international standard *ISO 80601-2-12 & ISO 80601. We are one of the few manufacturers out there in the market that supports autoclavable inspriration valve. This further reduces the risk of cross contamination.
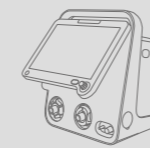
2 types of EtCO$_2$ options

SV300 Pro supports both mainstream & sidestream options of EtCO$_2$ measurement, making it a flexible solution, capable of fitting all of your departments' needs.

2 additional functions regarding to patient oxygenation

SV300 Pro provides SpO$_2$ measurement and O$_2$ therapy, both proven to be excellent tools for patient-weaning strategies. Also, it allows SpO$_2$ measurement even when patient monitor is not around.

SV300 Pro
Ventilator

SV300 Pro 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 adult, pediatric and neonate patients with all acuity levels at ICUs. Equipped with the most advanced technologies, SV300 Pro provides comprehensive and comfortable care for all patient populations in the most difficult environment, independent of a central gas supply.