System Servo Ventilator 300. Every breath is a treatment.
Servo Ventilator 300. The more you use it, the less you need it.

The thinking behind all Siemens ventilators is simple – gentle ventilation and weaning the patient off mechanical ventilation as quickly as possible. The Servo Ventilator 300 is a case in point; combining multiple ventilation modes and ultra-rapid response, the Servo Ventilator 300 supports your patient by reducing the work of breathing, and by responding instantly to the patient’s changing needs. The result is often a tangible reduction in ICU time, providing better care for the patient and more effective use of resources.

One ventilator for all
The Servo Ventilator 300 is designed to address the very different requirements of adult, pediatric and neonatal patients in one instrument. Preset ranges for all relevant flow and volume parameters are automatically adjusted with a patient range selection knob. Your own preferred treatment parameters can then be safely and flexibly customized. This ability to ventilate any patient with the Servo Ventilator 300’s comprehensive range of features means that you can move the ventilator wherever it’s most needed so there’s no need for specific ventilators for specific ICUs.

Flexible and gentle
The Servo Ventilator 300 offers a wide range of ventilation modes for supported and controlled ventilation. It offers modes like PRVC (Pressure Regulated Volume Control) and VS (Volume Support) to deliver the required volume at the lowest pressure. And it features an ultra-sensitive triggering system, minimizing the work of breathing and gently but securely working with your patient – there’s no need to fight against the Servo Ventilator 300.

All available modes can be fully customized. The Set Parameter Guide, providing simple operation through context-sensitive controls and displays ensures that ease of use is in no way compromised by flexibility.
Comprehensive, real-time monitoring is vital to effective ventilation. The Siemens ventilator family's already concise alarm and parameter display is further enhanced by the Servo Screen 390, a powerful, multi-function ventilatory monitor.

The Servo Screen 390 is fully customizable, giving you the information you want, the way you'd like to see it. Real-time data and calculations of multiple parameters is stored and displayed numerically and graphically on a high-resolution screen.

Gently supporting your patient
The Servo Screen 390 is a further example of the Siemens philosophy of gently supporting the patient. The information display further enhances your abilities to evaluate and to flexibly customize the ventilation to the patient's specific requirements. All changes in respiratory status of the patient are displayed and further adjustments can be made and monitored. The desired result - decreased time on the ventilator and in the ICU.

User-customizable displays
Single-knob, menu-driven operation is simple, yet it allows full customization of data presentation and parameter selection. Waveform and bop axes can be changed, screen layout customized, measurement units modified. A total of up to 16 parameters can be displayed simultaneously. And trends over the previous 3, 6, 12 or 24 hours can be displayed.

Interpretive information displays
The Servo Screen 390 also features numerous information display pages complete with annotation. These pages show, for example, the loops and waveforms typical for specific clinical conditions - valuable in clinical evaluation as well as for training purposes.

Fully upgradeable
The Servo Screen 390 is also built for further development. PCMCIA technology allows for future upgrades. Simply changing the memory card changes the entire program.

A valuable upgrade
The Servo Screen 390 is compatible with both the Servo Ventilator 300 and the Servo Ventilator 900 series ventilators, representing a valuable and cost-effective enhancement to both units.
No disruption of ventilator setting
Setting the proper ventilator parameters for your patient is hard enough without additional external factors. And nowhere is this more critical than with the small volumes involved in ventilating a neonate. Which is why the Servo Ultra Nebulizer 345 is designed to introduce medication gently, precisely and without disrupting the ventilator settings.

Improved deposition
The Siemens ultrasonic nebulizer delivers medication with an extremely stable particle size for improved deposition. The nebulization process creates particles with a mass median diameter (MMD) of 4.0 µm. This not only enhances the efficacy of the delivery of medication, but it also optimizes your therapeutic goals and reduces medication wastage.

The Servo Ultra Nebulizer 345 is compact, easy to clean and features only one disposable. It integrates simply into the ventilation circuit, and the clear cup affords an instant visual overview of status.

Above all, the Servo Ultra Nebulizer 345 represents a logical continuation of the Siemens philosophy of gentle, sensitive ventilation. Through precise and gentle deposition of medication, you can aim at faster weaning, shorter ICU stays and better management of costly resources.
Siemens Servo Ventilator 300 and Servo Ventilator 900 series represent more than just technology. Purchase of this equipment brings you membership in a world-wide network of like-minded users who demand the best.

Ongoing research and development work, and active involvement in a range of clinical trials ensures that Siemens remains at the leading edge of development. And in order that this vital information is passed on to the front line of respiratory therapy, Siemens publishes a comprehensive range of training and educational material. This includes training guides, videotapes and booklets published in a variety of languages. For further information on this material, please contact your local Siemens representative.

Siemens ventilators – every breath is a treatment.