



Make the most of your Servo-u

Servo-u is an investment both for now and for the future. The flexible, modular platform is always ready to adapt to your changing clinical needs, and our expert support is on hand every step of the way.

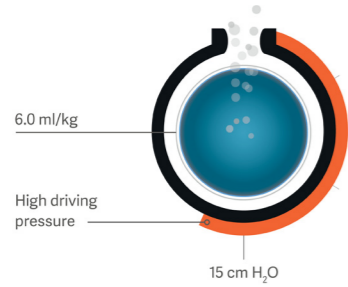
Since your initial investment we may have developed new functionalities or it may be that your needs have changed or developed and thus you require additional features supporting your new practice.

Thankfully you made a wise decision to invest in a platform that can grow with you and the ever changing needs of your patients.

Personalized lung protective ventilation

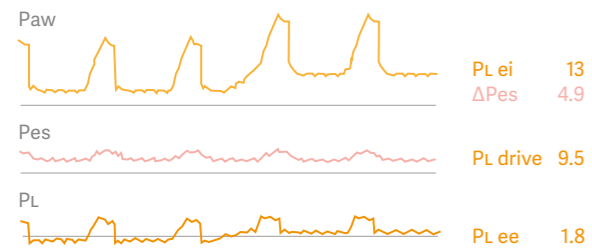
Servo Compass

Servo Compass makes it easy to see when plateau/driving pressure or tidal volume per predicted body weight (VT/PBW) are off pre-defined targets and interventions are needed. Precisely calculated Dynamic compliance (Cdyn) and Stress index (SI) complete the picture, helping you detect changes in lung volume and verify over-distension.^{1,2}



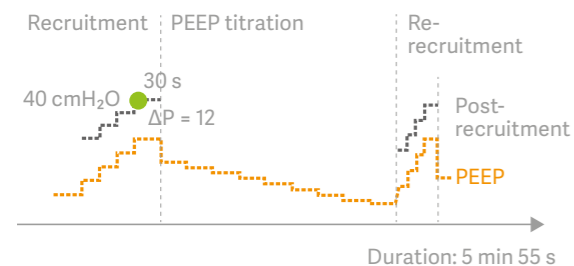
Transpulmonary pressure monitoring

To simplify esophageal manometry and improve accuracy, we have developed an automatic maneuver to validate balloon positioning and filling. A diagnostic view provides esophageal (Pes) and transpulmonary (PL) pressure waveforms, with key parameters for safety assessment of controlled and spontaneous ventilation. The relationship between airway and transpulmonary pressures is now much more intuitive.



Auto SRM

Auto SRM is an automatic workflow for Stepwise recruitment maneuvers based on the Open Lung approach.³ The tool guides you smoothly through recruitment, decremental PEEP titration, re-recruitment and post-recruitment personalization of PEEP and driving pressure, based on optimal Cdyn. Diagnostic features include assessment of recruitability and additional decision support when patients do not respond to the recruitment maneuver.⁴



CO₂ monitoring

Measurement of CO₂ concentration (capnography) helps to determine if the ventilated patient's condition is changed. Getinge's Capnostat 5 monitoring solution uses infrared light technology and it provides both ability to trending and warnings for low and high etCO₂. For detailed information regarding parameters monitored please see Servo-u datasheet or user manual.



Personalized weaning

Automode

The interactive Automode eases the transition to spontaneous breathing for patients and staff. It switches seamlessly between controlled and supported modes depending on patient effort.

Heliox

Heliox is a mixture of helium and oxygen that, due to its low density, facilitates laminar flow and minimizes airway pressure. The Servo-u makes the therapy more cost-efficient due to low gas consumption and it can be combined with all ventilation modes, from invasive ventilation to NIV and High Flow therapy including nebulization. The solution makes the workflow switching from Heliox to air and back during ventilation easy.



NAVA

NAVA (Neurally Adjusted Ventilatory Assist) uses the Edi to deliver personalized support, invasively and non-invasively. It promotes lung protective spontaneous breathing with higher diaphragmatic efficiency, and fewer periods of over and under-assist.⁵⁻¹¹

NAVA shortens the time of weaning and mechanical ventilation¹² and increases the number of ventilator free days when compared to pressure support ventilation (PSV)^{12,13,14}



NIV NAVA

NIV NAVA relies on the electrical activity of the diaphragm for triggering and termination of breaths, which makes it independent of leakage for all types of patient interfaces.

NIV NAVA significantly improves patient-ventilator interaction, and reduces NIV complications.¹⁵

NIV

NIV (non-invasive ventilation) provides automatic leakage compensation that enables the ventilator to sense the patient's efforts and deliver support, reducing the need for manual adjustments.



Nasal CPAP

The Nasal CPAP on the Servo-u provides a continuous airway pressure with variable flow to support spontaneous breathing, which may decrease the work of breathing.¹⁶

High Flow therapy

High Flow therapy reduces the patient's work of breathing through an accurate flow of heated and humidified gas, improving comfort and tolerance.¹⁷

Neonatal capabilities

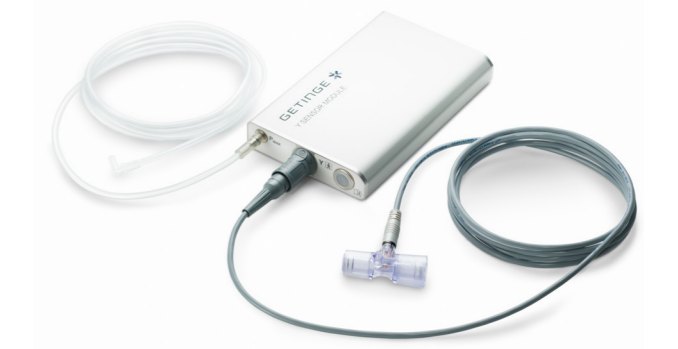
Neonatal SW

Servo-u can be equipped to be used in the neonatal segment. With a simple SW upgrade the Servo-u's tidal volume range can be expanded down to as low as 2 ml. In addition this SW will also enable leakage compensation for invasive ventilation modes of ventilation, a specifically developed neonatal alarm management, and enabling of proximal flow sensor monitoring and triggering.



Y sensor monitoring

The modular Y sensor provides state of the art proximal flow and tidal volume monitoring adding less than 1 ml of deadspace. As an added benefit the highly accurate built-in ultrasonic flow sensors are always active and assures continuous supervision of the Y sensor function. Thus, patient monitoring and triggering will still work e.g. when the Y sensor needs to be changed. The interaction between the Y sensor and internal flow sensor enables accurate and seamless breath delivery.



See ordering information on the back page. →

Ordering information

	Name	Ord. nr.	Notes
Lung protection tools	SW Servo Compass	68 85 301	
	SW Open Lung Tool trends	68 87 809	
	SW Auto RM, Servo-u	68 89 017	Includes SW Open Lung Tool trends
	SW Auto SRM, Servo-u	68 89 019	Includes SW Open Lung Tool trends and SW Auto RM
	SW Transpulmonary pressure	68 89 015	Requires Y sensor module 66 93 662
	Y sensor module	66 93 662	Can be used for both Y sensor monitoring and Transpulmonary pressure monitoring
	SW CO ₂ analyzer	66 93 680	
	CO ₂ analyzer module Capnostat 5, Servo ventilators	68 87 050	
	Capnostat 5 mainstream CO ₂ sensor	68 82 078	
	CO ₂ airway adapter, neonatal (disposable), 10 pcs/pkg	66 84 610	
CO ₂ airway adapter, adult (disposable), 10 pcs/pkg	66 84 612		
Weaning tools, modes and therapies	SW Automode	66 93 655	
	SW NIV, Servo-u	68 80 513	
	SW Nasal CPAP, Servo-u	68 80 515	
	SW High Flow therapy, Servo-u	68 85 303	
	SW NAVA – invasive	N/A	Included in Servo-u base SW
	SW NIV NAVA	68 80 517	
	Edi module 50Hz	66 72 330	Check what is applicable for your market
	Edi module 60Hz	66 72 332	Check what is applicable for your market
	SW Heliox	68 89 886	
	Heliox adapter kit, NIST/NIST	68 89 485	Check what is applicable for your market
Heliox adapter kit, AGA/NIST	68 89 486	Check what is applicable for your market	
Heliox hose, NIST, 5 m	66 75 607	Check what is applicable for your market	
Heliox hose Schraeder/NIST, 5 m	66 81 252	Check what is applicable for your market	
Heliox hose DISS, 5 m	66 75 592	Check what is applicable for your market	
Extend to neonatal	SW Neonatal Servo-u	68 80 514	Includes SW for Y sensor monitoring
	Y sensor module	66 93 662	Can be used for both Y sensor monitoring and Transpulmonary pressure monitoring
	Y sensor neonatal, disposable, 5 pcs/pkg	66 93 667	

References

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For more information please contact your local Getinge representative.



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