NEW

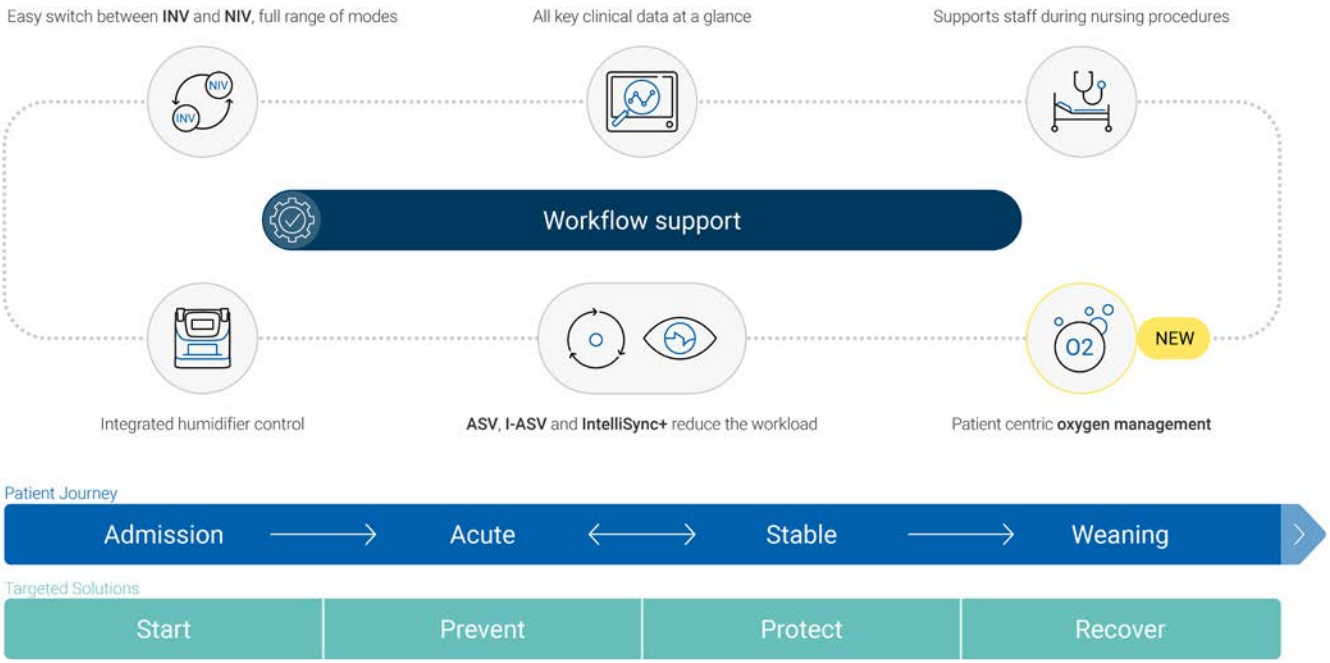


The new HAMILTON-C6

Supporting your entire ventilation workflow

HAMILTON MEDICAL

More than just features. An entire workflow solution



The new HAMILTON-C6 supports you along the entire patient journey - from admission right through to weaning - with advanced tools and functionalities to facilitate your complete workflow.

In addition, we have developed new, targeted solutions designed to aid you at each phase of that journey.

Instead of focusing on isolated features, we have taken a holistic approach that transforms fragmented tasks into a streamlined, intuitive process.

The result is an entire workflow solution designed for greater operational efficiency, even in the most demanding care environments.

More than just features. An entire workflow solution





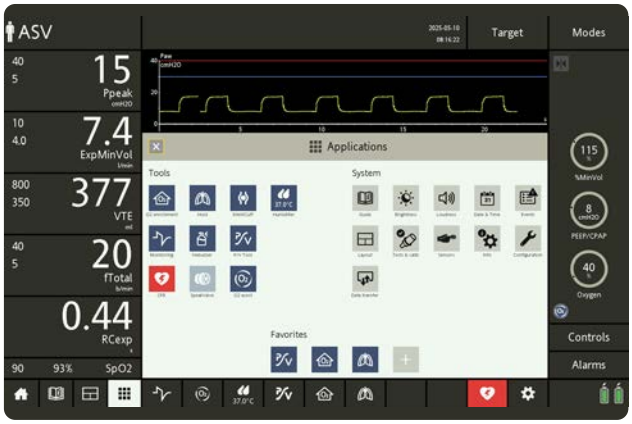
Continuous workflow support along the entire patient journey

Workflow support

Start/Admission	Prevent/Acute	Protect/Stable	Recover/Weaning

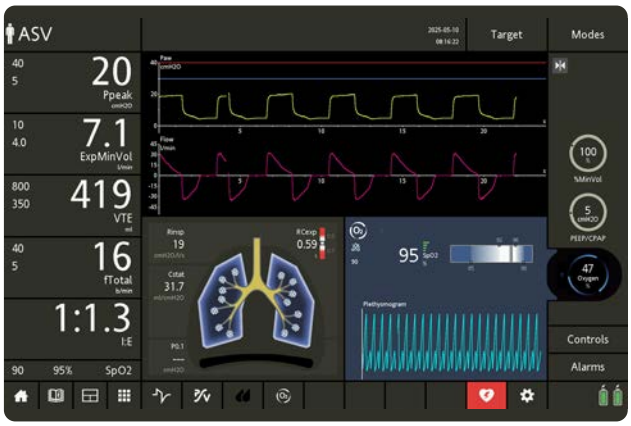
App World

The App World gives you quick, two-step access to the main ventilator functions in a single overview window. With intuitive icons and customizable favorites, the App World simplifies your ventilation workflow when every second counts.



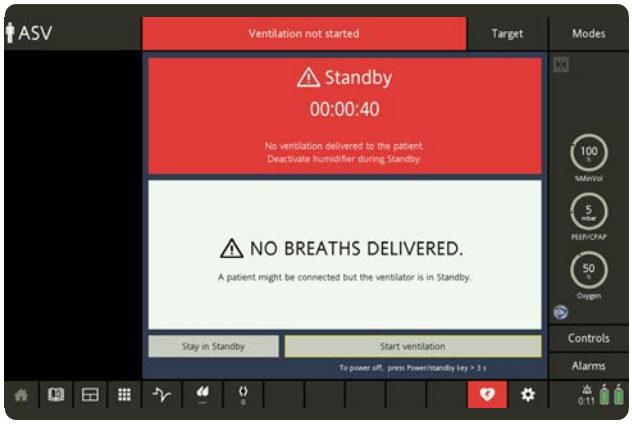
O2 assist

O2 assist acts as your precision-care assistant at the bedside. It helps maintain your patient's SpO2 levels within individually set target ranges by continuously adjusting oxygen delivery. This ensures continuous and responsive oxygen management for your patient and less knob-turning for you.



Ventilation not started

When the ventilator is in Standby, the Ventilation Start Safeguard performs regular connection checks at the proximal flow sensor, and alerts you with a high-priority alarm that no breaths are being delivered.



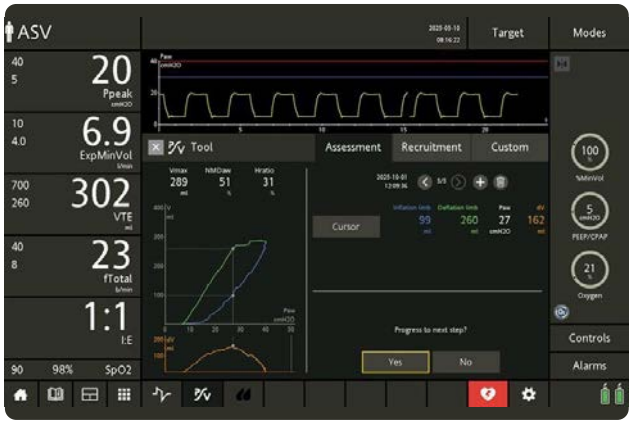
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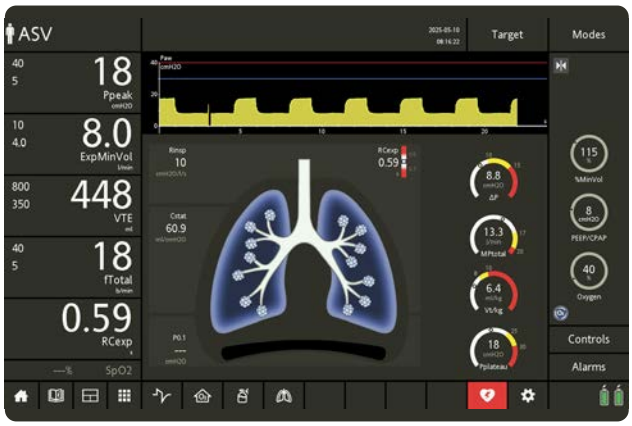
P/V Tool

The new P/V Tool has a clear and intuitive interface that guides you step by step through the whole recruitment process. With protocol-based presets, customizable settings, and automatic calculations, the P/V Tool is designed to simplify your standard operating procedure.



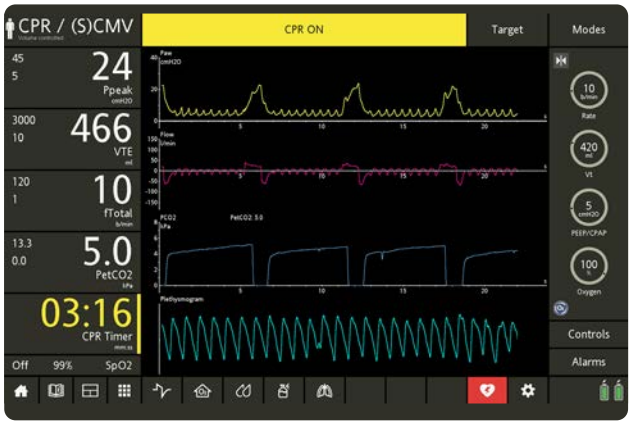
Lung Impact panel

The Lung Impact panel provides a visual representation of four key parameters for lung-protective ventilation. It enables you to monitor these critical values at a glance and make informed decisions in real time. The automated calculation of mechanical power eliminates time-consuming manual work, helping to streamline your workflow.



CPR ventilation

The CPR ventilation feature enables you to start CPR ventilation at any time directly from the screen. Once it is activated, the ventilator switches automatically to the preset mode and control settings to be used for respiration during CPR.



Continuous workflow support along the entire patient journey

Workflow support

Start/Admission	Prevent/Acute	Protect/Stable	Recover/Weaning

Hold maneuver

You can preconfigure durations for hold maneuvers of up to 30 seconds, with a negative Paw waveform shown on the display. You can scale the Paw waveform manually or let the ventilator adjust it on a breath-by-breath basis.



Continuous workflow support along the entire patient journey

Workflow support

Start/Admission	Prevent/Acute	Protect/Stable	Recover/Weaning

Negative Paw monitoring

Monitoring of negative pressure values enables the measurement of negative inspiratory force (NIF) to better assess respiratory muscle strength and patient effort. Customizable axis scaling and a display range of up to -30 mbar help you gain a deeper understanding of your patient's respiratory mechanics at just one glance.



Volume Support

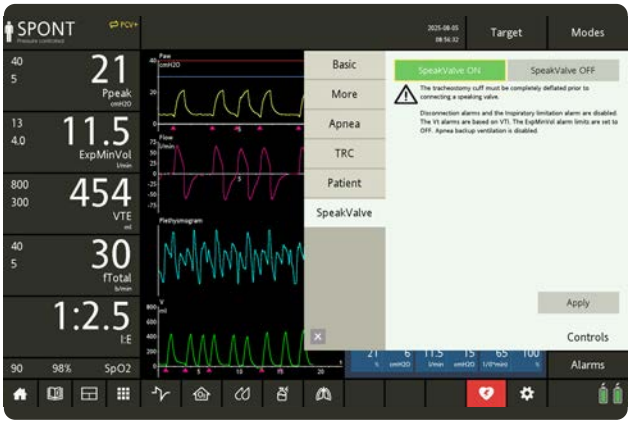
Volume Support offers a tidal volume-targeted mode without a fixed mandatory rate, now available for neonatal, pediatric, and adult patients. It delivers flow-cycled breaths that automatically adjust pressure support to meet the set tidal volume. This ensures smooth weaning while following a volume-controlled strategy, without compromising patient comfort or safety.



SpeakValve

With the SpeakValve option, trigger settings and monitoring on the new HAMILTON-C6 are adapted for use with a speaking valve. This ensures accurate monitoring and fewer false alarms, while still supporting officially approved workflows.

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More information and free simulation software:
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