

Hamilton Medical Press Release / 25. Juni 2026

Hamilton Medical introduces the new HAMILTON-C6 software version 2.0.x – supporting your entire ventilation workflow

Bonaduz, Switzerland – Hamilton Medical, a global leader in Intelligent Ventilation solutions, announces the next evolution of its HAMILTON-C6 high-end critical care ventilator platform. With the release of software version 2.0.x, Hamilton Medical introduces a reimagined software experience designed to support clinicians throughout the entire ventilation journey.

Modern ICU ventilators offer more capabilities than ever before, yet daily workflows often remain fragmented. Clinicians frequently switch between different tools, screens, and workflows while managing patients from admission through stabilization and weaning. These interruptions can increase cognitive workload and distract attention from patient care.

"The ICU environment demands advanced technology that fits naturally into the clinical workflow," said Fabrizio Redaelli, Director of Product Management at Hamilton Medical. "The new HAMILTON-C6 combines state-of-the-art ventilation technologies with a workflow-centered design that helps clinicians stay focused on what matters most: their patients."

Designed to support today's ICU challenges

The new HAMILTON-C6 addresses this challenge with a holistic workflow approach for every stage of patient care. Its app-based interface organizes tools and functions along the patient's ventilation journey, creating a consistent user experience across clinical phases. By reducing unnecessary navigation and workflow interruptions, the new HAMILTON-C6 helps clinicians stay focused on assessment and decision-making.

With App World, clinicians can easily access the tools they need with just one central access point. The P/V Tool guides lung assessment and recruitment with structured workflows, while the Dynamic Lung with Mechanical Power panel turns complex respiratory mechanics into a clear visual and color-coded representation that supports rapid interpretation. O2 assist is an advanced oxygen management technology, which helps clinicians maintain the patient's SpO2 levels within individually set target ranges by continuously adjusting oxygen delivery. The SpeakValve option supports communication with your patients while maintaining stable monitoring and reducing false alarms.

Together, these capabilities create a more integrated workflow from admission through stabilization and weaning, helping clinicians stay focused on the patient rather than the technology.

State-of-the-art technology with a human-centered design

The new HAMILTON-C6 combines Hamilton Medical's advanced ventilation technologies with a consistent user experience designed to simplify everyday clinical practice. By organizing functions according to clinical workflows rather than individual technologies, it supports efficient care delivery throughout the entire ventilation process.

This reflects Hamilton Medical's commitment to developing Intelligent Ventilation solutions that help reduce complexity, support clinical teams, and improve patient care.

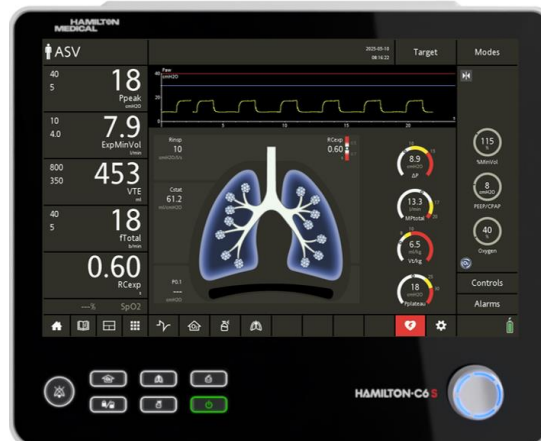
For more information, visit: <https://www.hamilton-medical.com/Products/HAMILTON-C6.html>

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P/V Tool



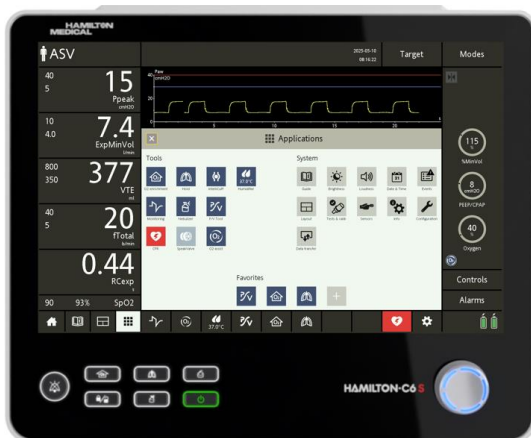
Dynamic Lung and Lung Impact panel



O2 assist



SpeakValve



App World

About Hamilton Medical

In 1983, Hamilton Medical was founded with a vision: To develop Intelligent Ventilation solutions that make life easier for patients in critical care and for the people who care for them. Today, Hamilton Medical is a leading manufacturer of critical care ventilation solutions for a variety of patient groups, applications, and environments.

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