

# Hamilton Medical launches upgraded version of their most popular ventilators

The latest software update for the HAMILTON-C1/T1/MR1 includes many improvements and some exciting new features.

“With this update, our goal was to further develop and improve our most popular ventilators, both for patients and clinicians. Our aim was also to promote a better user experience and help workflows,” explained Jens Hallek, CEO of Hamilton Medical AG. “We are thrilled by the improvements we have made and are sure our customers will greatly appreciate the new features and enhancements,” so Hallek further.

## INTELLiVENT®-ASV® – Your bedside assistant

One of the most exciting new additions is Hamilton Medical’s unique ventilation mode INTELLiVENT-ASV, which will be available on the HAMILTON-C1 and HAMILTON-T1 ventilators. INTELLiVENT-ASV is an advanced ventilation mode based on the Adaptive Support Ventilation (ASV) mode and acts as your assistant at the bedside. With this mode, the clinician sets target ranges for PetCO<sub>2</sub> and SpO<sub>2</sub>, as well as limits for various controls. INTELLiVENT-ASV then adjust the controls for CO<sub>2</sub> elimination (%MinVol) and oxygenation (PEEP and Oxygen), and keeps the patient within the predefined ranges with minimal clinician interaction.

INTELLiVENT-ASV requires fewer manual adjustments than conventional ventilation and thus reduces the workload on medical staff.

## CPR ventilation

A completely new feature developed for all three ventilators is CPR ventilation. It supports the CPR workflow with quick access to preconfigurable settings, adequate alarm and trigger adjustment, and a CPR-timer display. The main monitoring parameters and curves relevant to CPR ventilation are also displayed. This helps the caregiver to focus better on the patient and on the task.

## Digital solutions for respiratory care: Hamilton Connect Module and App

Two more exciting firsts in the Hamilton Medical world are the Hamilton Connect Module for the HAMILTON-C1 and HAMILTON-T1, and the matching Hamilton Connect App\* for mobile devices. The Hamilton Connect Module integrated in the ventilator provides the HAMILTON-C1 and HAMILTON-T1 with the capability of secure wireless communication with patient data management systems, monitoring systems, and the Hamilton Connect App. Built to meet the needs of modern healthcare providers, the Hamilton Connect App gives you access to respiratory data. It provides you with a solution designed to facilitate and streamline your ventilation workflow. All you need is a mobile device and a Hamilton Medical ventilator with the Hamilton Connect Module.

Hamilton Medical aims to support customers and provide value to them throughout the entire ventilation workflow. The new Hamilton Connect Module and Hamilton Connect App are the first steps in realizing this vision for digital solutions.

## Following the Hamilton Medical vision

This update builds on the popularity of the HAMILTON-C1/T1/MR1 ventilators, on the technologies developed by Hamilton Medical and enhanced over the years, and on what has been learned from experience, in the field, and from customers.

To learn about the other exciting new features and improvements, visit:  
<https://www.hamilton-medical.com/compact-device-more-features>

\*Disclaimer: The Hamilton Connect App is not intended to replace the real-time display of data on the ventilator. DO NOT USE the app to supplement or replace any part of the hospital's device monitoring.

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## Picture legends



Picture 1: The new HAMILTON-C1/T1/MR1 SW v3.0.x – Same compact device. More features



Picture 2: Hamilton Connect App and Module

## 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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