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Hamilton Medical introduces the new HAMILTON-EM7 for confident ventilation in emergency care

Bonaduz, Switzerland – Hamilton Medical, a global leader in Intelligent Ventilation solutions, announces the launch of the new HAMILTON-EM7, an emergency ventilator designed for emergency medical services (EMS), helicopter emergency services (HEMS), military medicine, and civil defense. The HAMILTON-EM7 ventilation system delivers intuitive operation, reliable performance, and workflow-focused ventilation wherever patient care begins.

Emergency medicine demands quick decision-making in unpredictable environments, often under extreme time pressure and with limited resources. Emergency teams, whether responding roadside, inside an ambulance, or at the scene of a disaster, need equipment they can trust immediately.

"Our customers face unique challenges every day, and they deserve technology that's built around the way they work," said Ralph Teuber, Segment Manager for Transport and Emergency at Hamilton Medical. "With the HAMILTON-EM7, we have listened, and developed a solution that supports their workflows, reduces unnecessary complexity, and lets them focus on the patient and the scene."

Combining Hamilton Medical's proven ventilation expertise with workflows tailored just for emergency medicine, the device allows emergency teams to focus on rapid patient assessment and treatment instead of navigating complex device operations. A dedicated all-in-one breathing circuit set further simplifies setup by combining all essential components into a single, preassembled unit for fast, intuitive connection in time-critical situations. Quick-start ventilation modes, guided workflows, integrated turbine technology, and a rugged, lightweight design, supports healthcare professionals deliver confident ventilation across a wide range of prehospital scenarios.

Designed around emergency workflows

From noninvasive ventilation (NIV) to ¹rapid sequence intubation (RSI) and CPR, the ventilator supports users with intuitive tools that automate key steps and potentially reduces complexity.

With guided workflows and a user interface designed for clarity, the HAMILTON-EM7 is designed around the needs of emergency teams, and the patient at the center of their care. Adaptive ventilation technologies, capnography, oxygen therapy, and NIV provide them the flexibility needed to respond confidently across a broad range of emergency scenarios.

A dedicated EMS ecosystem

Recognizing that EMS professionals have unique challenges, workflows, and ways of learning, Hamilton Medical also launched a dedicated website for prehospital transport, social media channels (@Hamilton Medical EMS), and educational resources tailored to emergency care. This new ecosystem extends beyond the ventilator itself, providing a place where emergency professionals can access product information, training, and peer-focused content designed around the realities of prehospital medicine.

Together, the HAMILTON-EM7 and the dedicated EMS platforms represent Hamilton Medical's commitment to supporting emergency teams from the first point of patient contact through transport and beyond.

The HAMILTON-EM7 is currently undergoing local registration and approval processes in selected markets. Availability may vary by country. Please contact your local Hamilton Medical representative or distribution partner for information about availability in your region. For more information, visit <https://www.hamilton-medical.com/Prehospital-transport/> and <https://www.hamilton-medical.com/Prehospital-transport/Products/HAMILTON-EM7.html>

References

1 Hayes-Bradley C. Br J Anaesth. 2024 May;132(5):918–935.

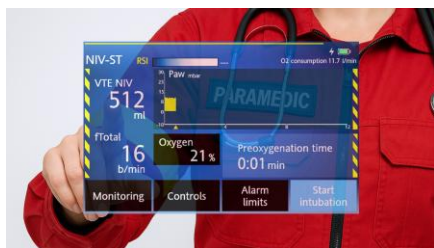
Picture legends



The new HAMILTON-EM7 at a glance



Seamless integration into various mounting solutions



Intuitive operation with clear, user-friendly interface



The HAMILTON-EM7 and all-in-one breathing circuit on the go



Various NIV modes: NIV, NIV-ST, CPAP, O2 therapy



Workflow support for CPR and RSI

About Hamilton Medical

With over 40 years of leading the way in Intelligent Ventilation, we are here to fit out transport and emergency teams with cutting edge tools that make a real difference in patient care outside of the hospital. With equipment built to be rock solid, easy to use, and ready for anything. We make sure you have the best ventilation technology at your side - wherever the job takes you!

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