

# PRESS RELEASE

## Transport ventilation and intensive care

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### New apnea ventilation mode and expanded display: Software update enhances the performance of the transport ventilator MEDUMAT Transport

**Hamburg – Weinmann has released its new update for the intensive care transport ventilation MEDUMAT Transport. The update gives MEDUMAT Transport the broadest performance spectrum in an intensive care transport ventilator. Working in conjunction with end-users, Weinmann has enhanced the device's safety and clarity and simplified its operation.**

In stressful emergency situations, the patient has to be able to depend on man and machine working seamlessly together. So the focus of the update was twofold – the rounding out of available ventilation modes and the ergonomic and simplified operation to ensure greater patient safety.

The update to MEDUMAT Transport includes the newly implemented mode PRVC (Pressure Regulated Volume Controlled). It protects the patient's lungs by delivering the lowest ventilation pressure required. If a spontaneously breathing patient stops breathing, the apnea alarm is emitted and apnea ventilation is automatically activated. That occurs at any ventilation setting. For apnea ventilation the user can still choose between pressure-controlled and volume-controlled modes. Another update feature is increased alarm security. Too many alarms can confuse the user, so now individualized alarm settings can be made for every ventilation situation. The user simply checks the overview of active alarms and makes adjustments. Control over the operational readiness of all functions has also been greatly simplified. The results of the most recently used function can be saved and later reviewed. Still another novelty is the background timer which monitors and displays the end of the intake filter's service life.

Uninterrupted care of patients during transport has been optimized by the significantly expanded monitoring function. Now medical personnel can more quickly and easily check even more parameters, including pressure measurements ( $P_{peak}$ ,  $P_{plat}$ ,  $P_{mean}$ ,  $V_{leak}$ ). Usability and clarity are enhanced by the setting options of individual parameters in the main display: trigger,  $\Delta p_{ASB}$  (pressure support), PEEP,  $P_{insp}$ ,  $V_t$ , I:E, frequency; NIV-/IV status indicator).

Weinmann, the inventor of the emergency "ULM Case" has developed into a worldwide brand for quality and innovative products. For decades Weinmann has been a complete supplier of emergency medicine facilities in hospitals and emergency medical services and market leader in transport ventilation and suction. For its employee initiative "InnoChamp" Weinmann was designated a "selected site" in the "Germany – Land of Ideas" campaign by Federal President Horst Köhler in 2007.

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**Weinmann – Tradition and Innovation**

Weinmann Geräte für Medizin GmbH + Co. KG concentrates on its product lines Homecare, Emergency and Diagnostics. In these areas the Hamburg-based family business offers diagnostic, therapeutic and also life-saving devices and system solutions of the highest quality.

Founded as a precision mechanics company in Ludwigshafen, Weinmann initially concentrated on the production of fine mechanical fittings for oxygen devices. The massive expansion of the medical technology product palette came when Karl and Vera Feldhahn assumed control of the company and Dr. Joachim Griefahn joined the business at the end of the 1960s. Innovations such as the emergency case Quick-O<sub>2</sub>-Med, the ULM CASE for first aid treatment of emergency patients and the ventilator-carrying platform MEDUMAT made their mark in emergency medicine. In 1977 the company moved to Hamburg, where it still has its headquarters.

At the end of the 1980s Weinmann expanded its fields of business to include Homecare. The company was the first German manufacturer to produce a CPAP device for the treatment of sleep-related disorders. At the beginning of the 1990s the Feldhahn's son Dr. Karl-Andreas Feldhahn joined the company. He manages the company together with Marc-Oliver Griefahn, who succeeded his father in 2004. Weinmann continues to grow and now includes important strategic partners like MCC – Measure, Check & Control (Karlsruhe) and Corscience (Erlangen).

Today the company has more than 500 employees. With more than 100 patent families and 90 trademarks, Weinmann is among the leading providers of medical devices for home care, diagnostics and emergency medicine in Germany. Weinmann's Production, Logistics and Service Center was established in Henstedt-Ulzburg close to Hamburg in 2006. Weinmann does business in more than 50 countries and operates branch offices in France, Switzerland, China, Russia, Australia and New Zealand.

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