

PRESS RELEASE

New Oxygen Valve VENTI-O₂ plus

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Now up to 15 Liters of Oxygen for Weinmann's Home Mechanical Ventilators VENTI*logic* and VENTI*motion*

Hamburg – With the new oxygen valve VENTI-O₂ plus, available in May from medical device producer Weinmann, it is now possible to provide home mechanical ventilation patients with up to 15 liters of oxygen per minute. The oxygen is supplied directly to the therapy device, thus guaranteeing an exact and unaltered registration of ventilation gas flow even at maximum oxygen levels. The device offers greater therapeutic safety and ideal conditions for oxygenation during the introductory phase in the clinic and for the patient at home.

An improved usage concept also simplifies operations for the user. The oxygen valve is simply attached to the home mechanical ventilator and connected to the oxygen source via a single hose. Special hose systems and adapters are no longer required. The changes reduce maintenance and additional expenses. Via the VENTI-O₂ plus valve, oxygen can be supplied from a central gas facility, an oxygen concentrator, liquid oxygen systems and oxygen cylinders.

Greatest possible safety

The introduction of the 15-liter oxygen valve VENTI-O₂ plus, is accompanied by a change in the safety concept for the home mechanical ventilators VENTI*logic* and VENTI*motion*. From now on the concept fulfills the requirements of the current ISO EN 60601-1 norm on fire safety, including specifications for the introduction of large quantities of oxygen. To comply with the norm, Weinmann increased the airtightness of the components that convey air and oxygen, optimized the drive mechanism and utilized new fireproof materials. "The safety of our devices is extremely important to us," said Weinmann product and ventilation specialist Jörg Mielenz. "That's why we had TÜV Rheinland check their safety."

Additional advantages: The resistance of the oxygen supply inside the device is very low and the device is suitable for therapy requiring from 0 to 15 liters of oxygen. Because VENTI-O₂ plus needs no maintenance, it offers great user convenience over the long-term. As the exact gas flow in the device can be registered even when large quantities of oxygen are administered, the trigger and volume measurement always function correctly.

Continuous use

"With the new valve and corresponding home ventilators, we can ensure continuity in care from the hospital to the greatly varied requirements of home ventilation," said Mielenz. "Our solution means a change of supplier is not required when the patient's condition changes."

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Press Contact:

Weinmann Geräte für Medizin GmbH+Co.KG ■ Kronsaalsweg 40 ■ 22525 Hamburg ■ Germany

Juliane Papendorf ■ Press Officer

T: +49 (0)40-5 47 02-562 ■ F: +49 (0)40-5 47 02-469

E: j.papendorf@weinmann.de ■ www.weinmann.de