

**Your
German
Manufacturer**



MS WESTFALIA GmbH
est. 1995

Anaesthesia and ICU equipment

Bellavista Intensive Care Ventilators



**Made in
Germany**



Equipment manufactured by MS Westfalia GmbH:

Cleanrooms • X-Ray equipment • ENT equipment • **Anaesthesia and ICU equipment** • Medical lamps
Functional diagnostics • Ophthalmology equipment • Microscopes and colposcopes • Electrosurgical units
Lithotripters • Cosmetology and SPA equipment • Physiotherapy equipment • Home photo epilators

Intensive care ventilators

Bellavista

Intensive care ventilators for children and adults

MS Westfalia GmbH

- Bellavista are designed for continuous ventilation of children with a tidal volume of $V_t \geq 40$ ml and a body weight of ≥ 5 kg and adults with a tidal volume of $V_t \geq 300$ ml and a body weight of ≥ 40 kg.
- Bellavista are life-sustaining ventilators that can be used with a single-limb breathing circuit in an invasive or non-invasive mode.



Key features and advantages:

- **Comfortable and powerful ventilator**
 - Ventilation modes: CPAP, PCV, P-A/C, PC-SIMV, PSV (pressure controlled modes); VCV, V-A/C, VC-SIMV, APV (volume controlled modes).
 - Fast proportional valve. Fastest response for patient effort. Precise gas and pressure delivery – high end ventilation.
 - High performance blower. For invasive and non-invasive ventilation. Covers high peak flow demands.
- **Extensive diagnostics**
 - Pressure, flow volume, FiO_2 , CO_2 , SpO_2 , cardio pleth, lung mechanics diagnostics.
 - Trending for one year.
 - Download trending data via USB stick.
 - Real time trending: full transparency for each breath two weeks back.
- **Revolutionary user interface**
 - 13.3" touchscreen display.
 - 3 user levels (patient, nurse, therapist). Videos support every step.
 - Screen is adapted to personal needs directly on the screen. Different views can be created for different users.
- **Remote monitoring and upgrade via Internet access**
 - Easy to download new applications, videos and content with iVista.
 - Upgradable with latest software.



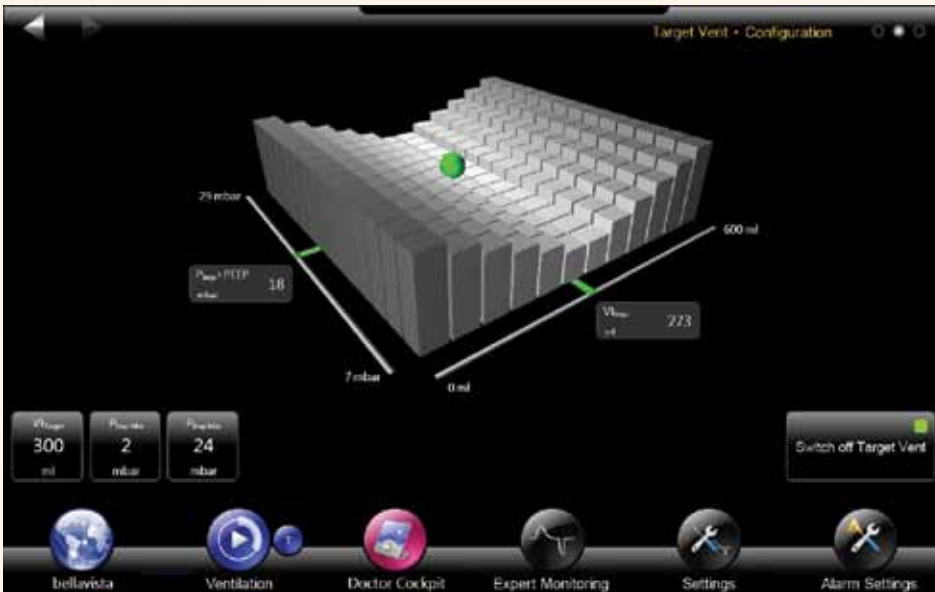
Therapist interface



Nurse interface



Chameleon green interface



Target ventilation

Exclusive intensive care ventilation modes

In addition to the standard ventilation modes Bellavista has special beModes. These modes provide maximum comfort for the patient and staff during intensive care ventilation and in the process of weaning the patient from ventilation.

Built-in diagnostic tools

Optionally Bellavista can be equipped with diagnostic tools for monitoring the partial pressure of oxygen in the blood SpO_2 (pulse oximetry Nellcor Oxi Max) and the percentage of CO_2 during inhalation and exhalation (capnography Mainstream). In this case the following parameters of patient monitoring are displayed: plethysmogram, pulse rate, partial pressure of O_2 in the blood, $EtCO_2$ insp., $EtCO_2$ exp. It is also possible to set an alarm for these parameters.



Dual ventilation



MS Westfalia GmbH. About the company

MS Westfalia GmbH (established in 1995, Troisdorf, Germany) is an ISO-certified (ISO-9001, ISO-13485) medical equipment manufacturer, producing a wide range of equipment, including modular cleanrooms, ENT units, X-ray machines, ophthalmology equipment, etc.

MS Westfalia GmbH provides a full range of services:

- Consulting and planning.
- Project design and development.
- Service engineering of the equipment supplied.
- Logistics service.
- Flexible payment terms.



MS Westfalia GmbH headquarters in Troisdorf, Germany

Equipment manufactured by MS Westfalia GmbH



Cleanrooms



X-Ray equipment



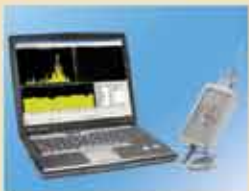
ENT equipment



Anaesthesia and ICU equipment



Medical lamps



Functional diagnostics



Ophthalmology equipment



Microscopes and colposcopes



Lithotripters



Cosmetology and SPA-equipment



Physiotherapy equipment



Home photo epilators



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