

SYSVENT

ICU VENTILATOR


sysadvance®

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NEW



CE
1639

SYSVENT OM1 is an Intensive Care Unit (ICU) ventilator, suitable for invasive ventilation therapy on adults and pediatrics.

Designed by ICU specialist doctors, **SYSVENT OM1** is simple to operate, with a intuitive HMI touch screen interface. All relevant data, including main data evolution graphics, ventilation-specific and patient-specific parameters and settings, are easily accessible and readable.

The most usual Volume and Pressure control modes are readily available, including assisted respiratory modes. Practical measurement tools such as Hold Pressure, Variable Pressure Support or Tube Pressure Loss compensation are also built-in functions.

O₂ mixture is accurate controlled and measured with a Zirconium precision Oxygen analyzer, reducing calibration frequency requirements as well as increasing mixture control accuracy.

With a simple and slim design, thought for easy and comfortable operation at the Medical staff finger tips. The HMI touch screen display built in webserver allows for Remote Connectivity for both monitoring and control in PC environment, allowing for centralized monitoring of up to 20 patients/ ventilators per PC workstation. Local data logging is also available

SYSVENT OM1 can be placed directly on the ICU bed shelf-system, or in a stand.

TECHNOLOGY

SYSVENT OM1 provides the most usual Volume and Pressure control modes that are readily available, including assisted respiratory modes. Practical measurement tools such as Hold Pressure, Variable Pressure Support or Tube Pressure Loss compensation are also built-in functions.

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ADVANTAGES

- HIGH PERFORMANCE
- PRECISION & RELIABILITY
- INTUITIVE OPERATION
- REMOTE CONTROL & MONITORING
- ADULT & PAEDIATRIC PATIENTS
- PRESSURE & VOLUME-CONTROL VENTILATION
- OXYGEN THERAPY



TECHNICAL DATA

VENTILATION MODES

VC-CMV | AC
PC-CMV | AC
PS-CPAP

THERAPY TYPES

Invasive ventilation (Tube)
Adults, pediatric patients
O₂-therapy

FEATURES

Hold
Web Remote control and monitoring
Datalogger

CERTIFICATION

SYSVENT OM1 is certified according to the Medical Devices Directive 93/42/EEC.



PROGRAMMABLE PARAMETERS

Respiratory rate (RR)
Inspiratory time (T_{insp.})
Tidal volume (V_t)
Inspiratory flow (Flow)
Inspiratory pressure (P_{insp})
Pressure limitation (P_{max})
Positive end - expiratory pressure (PEEP)
Pressure support (P_{supp})
Slope
FiO₂ - Intake Oxygen Mixture Concentration

2 to 50 cpm
Adults 0.5 to 5 s
100 to 1000 ml
5 to 100 l/min
5 to 50 cmH₂O (or mbar or hPa)
80 cmH₂O (or mbar or hPa)
0 to 20 cmH₂O (or mbar or hPa)
0 to 50 cmH₂O (or mbar or hPa)
0 to 1 s
21 to 96 Vol.%