

Technical Features

Patient and Performance Suitability (Child, Paediatric)
Breathe Number: 1-150/mins
T Inspiration: 0.1-10 sec.
Tidal Volume: 0.02-0.3 Litre
Flow: 1-60 Litre/Mins
Adult
Breath Number: 1-100/mins
T Inspiration: 0.1-10 sec.
Tidal Volume: 0.1-3 Litre
Flow: 2-120 Litre/Mins

Operation Features
Inspiration Pressure: 2-100mBar
Inspiration / Expiratory hold: 0-60 Sec.
Peep Pressure: 0-50 mBar
Breathe Speed: (c) 1-150/mins.(a) 1-100/mins
Flow: (c) 1-60 lt/mins (a) 2-120 lt/mins
O2 Mixture: 21-100%
Spontaneous Pressure Support: 0-100 mBar
I/E Rate: 1:10 (x60*)-10:1 (c): Child, (a): Adult
Weaning Screen



BREATHE THE FUTURE

The next step in ventilator technology

BIYOVENT



biosys

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BIYOVENT

DESCRIPTION OF PERSONALIZED TREATMENT

Effective treatment for the needs of every patient

The medical state and needs of every patient are different. Biyovent which is developed with this awareness, offers a customizable structure based on patient needs. Thus, it provides advantages to both the patient and the doctor for the most effective treatment.

With Biyovent, in which every detail is considered for health, characteristics such as height and weight of the patients are entered during use in pediatric and adult patients, and the most appropriate treatment method is provided to the patient.

In addition, the changing clinical needs can be followed up by recording the values related to the patient's condition besides physical characteristics. Thus, it is ensured that the most appropriate and correct treatment can be performed to each patient.

In terms of usage, Biyovent helps healthcare professionals to reach information they need and provides the opportunity to choose Non-Invasive, Invasive Ventilation and N-CPap, HFO therapy methods in performing the treatment methods in performing the treatment method that the patient needs. With its advanced software features, Biyovent, which establishes a safe infrastructure for treatment, maximizes safety with the ability to select the length and thickness of the air canal circuit to be used for the patient from the air canal settings and adjustable alarm limits.

BIYOVENT INTENSIVE CARE TYPE MECHANICAL VENTILATOR DEVICE



THE NEXT STEP IN VENTILATOR TECHNOLOGY

Biyovent, which was developed with the aim of offering products with high technological threshold value, fully meets the needs with its new generation technology. It offers high quality in terms of both technology and health, thanks to its features that cover all the deficits that the ventilator devices used up to this time cannot offer and the doctors cannot meet the demands.

Ventilation Modes for All Ages and Conditions

Pressure Controlled Modes (P-ACV P-SIMV+PS P-CMV P-PSV P-Bi-level APRV)

Volume Controlled Modes (V-ACV V-ACV(PRVC) V-CMV V-SIMV+PS, V-SIMV(PRVC)+PS)

Spontaneous Modes (SPN-PS SPN-VS)

Smart Modes [SAV (Self Adjustable Ventilation) (WOB Optimisation)]

 Invasive and Non-Invasive Ventilation

 Integrated Nebulizer

 High Flow Oxygen Therapy and N-CPAP (nasal C-PAP)

 Suitable for Neonatal (Optional) Pediatric and Adult Patients

 Smart Ventilation Modes

