

Pulmonary ventilator

- High performance Intensive Care pulmonary ventilator for ventilation on adults and children in invasive and non-invasive mode
- Types of ventilation required: IPPV, assisted IPPV, BIPAP and BI VENT, Autoflow or Automode, IRV (inverted ratio ventilation), PCV-MMV ASB or PA CPAP,
- Apnea ventilation on all respiratory methods.
- Non-invasive ventilation with loss compensation
- parameters required: Expiratory minute volume, Spontaneous minute volume, Expirated tidal volume, Peak pressure, Plateau pressure, Average pressure, Minimum pressure, Fraction inspired by O₂, EtCO₂, Compliance, Resistance, Autopeep, Total respiratory rate, spontaneous respiratory rate.
- Flow trigger on all ventilations.
- Functions required: inspiratory pause block (e.g. for expanding radiographs); expiratory pause block (e.g. for reading max. depression); bronchoscopy
- screen for viewing pressure, volume flow curves and capnogram
- A series of operator help messages IS also required on display data setting.
- Screen of at least 10" and capable of displaying the type of ventilation in use
- For patient safety, different levels of alarm must be present, both optically that acoustic (adjustable in intensity).
- Alarms required for the following parameters: Minute volume exp./FiO₂/Network/Gas supply / pressure min. and max of the airways; patient disconnection
- Additional expiratory circuit in addition to the one supplied to avoid technical shutdown the ventilator (for patient change or accidental breakage)
- Loops and trends recording
- RS 232 connection
- Humidifier
- tube holding arm
- dedicated trolley
- internal or added medication nebulizer
- supply: 220V, 50 Hz