

Adult, pediatric lung ventilator +

Parameter Specification

Mobile type, on wheels +

Adult patient type, pediatric +

Control range / settings Total volume 20-2,500 mL +

Inspiration flow 6-180 L / min +

Inspiration pressure 0-100 cm H₂O +

Respiratory rate 1-100 rpm +

Inspiration time 0.1 - 8 s. + **0.2-10 s**

Ratio I: E 1: 8 to 4: 1 +

FiO₂, 21-100% +

Manual breathing button +

PEEP / CPAP 0-50 cm H₂O +

Pressure support 0-50 cm H₂O +

Inhaler +

Trigger mechanism Pressure +

Flow +

Slope / ramp pressure adjustment +

Sigh function +

Button is 100% O₂ +

Maximum active time of the button 100% O₂ 2 min +

Control panel lock +

Operating modes A / C mode A / C Respiratory volume +

A / C respiratory pressure +

SIMV module SIMV respiratory volume +

SIMV respiratory pressure +

CPAP module CPAP, CPAP / pressure support (PS) +

Apnea-backup mode is +

Combined modes +

Non-invasive ventilation +

Bilevel / APRV module +

Monitored / displayed parameters Maximum inspiratory pressure +

Average airway pressure +
 PEEP pressure +
 Total volume +
 FiO2 monitoring +
 Respiratory rate +
 Inspiration time +
 Expiration time **T_{insp}/T_{tot}**
 Rate I:E +
 The minute volume is spontaneous +
 FiO2 patient alarms high / low +
 High / low minute volume +
 High / low inspiration **pressure** +
 Great PIP +
 PEEP big +
 Missing PEEP +
 Apnea +
 High continuous pressure / occlusion +
 Invert IE from +
 Breathing circuit disconnected +
 Equipment alarms No gas supply +
 Lack of power supply +
 Discharged battery +
 System error Sensor calibrated, valve leakage +
 self-diagnosis +
 Interface Interface with external devices + Ethernet
 Ports for data output + USB, Ethernet
 Remote alarm port + Ethernet
 Analog output + Ethernet
 Alarm reporting and patient status display on display +
 Sending reports to print + USB
 Possibility of centralized network connection +
 TFT LCD display from +

Size $\geq$ 15 inches +

It's a touchscreen +

Air compressor Integrated in the device, turbine type **built-in turbine**

Pneumatic supply Air compressed gases, O₂ **Air from turbine, O₂**

Mains pressure 3-6 atm +

Electrical 220 V mains, 50 Hz +

Internal rechargeable battery +

Battery operation time $\geq$ 1 h +

Accessory

Pediatric respirator reusable type 2 set. + **breathing circuit**

adult reusable type 2 set. + **breathing circuit**

Reusable pediatric respirator 1 set. **mask from distributor**

adult reusable type 1 set. **mask from distributor**

Humidifier Indicate the model provided model **VADI VH-2000**

Humidifier with maintenance of temperatures and humidification of the air in automatic mode,
Compatible with the ventilator +

At least two modes of operation: invasive and non-invasive yes +

Reusable adult / pediatric humidifier room 1 pc. +

Disposable pediatric antibacterial filters 100 pcs. +

adult single use 100 pcs. +

Reusable adult / pediatric flow sensor type 2 pcs. +

Reusable adult test lung 1 pc. +

Wheel support Indicate the model offered model +

Min. 4 wheels +

Min. 2 wheels with brake +

Articulated arm for fixing respiratory hoses +

Support for fixing / attaching electrical cables, air hose, oxygen for transport, storage +

Handle for transport +