

<b>Product Name :</b> Relief Ventilator Medical Adult-Child w with Access	<b>Product Code :</b> KGLOB22214065
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**Description :**

Relief Ventilator Medical Adult-Child w with Access

**Technical Specification :**

Automatic ventilator for adult and paediatric patients  
 Trolley with handles, 4 antistatic swivel castors and 2 brakes  
 Designed for frequent and easy dismount and disinfection with hospital-grade products  
 Electrical medical air compressor, electronically controlled  
 Air/O2 mixer  
 Humidifier  
 Patient selection: adult and paediatric  
 Ventilation modes (minimum set, additional modes may be provided by the available ventilator model):  
 Pressure controlled (PCV)  
 Volume controlled (VCV)  
 Volume Target Pressure controlled (VTPC) or Pressure Regulated Volume control/guaranteed (PRVC)  
 Controlled Mandatory ventilation (CMV)  
 Synchronised Intermittent Mandatory, Pressure and Volume controlled (P-SIMV and V-SIMV)  
 Pressure Support modes, including Continuous Positive Airway Pressure (CPAP) and Intermittent Positive Pressure (IPPV)  
 Bi-level modes, depending on the available ventilator model  
 Spontaneous  
 Not Invasive

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## Manual

### Controls and settings:

Positive End Expiration Pressure (PEEP) 0 – 50 cmH<sub>2</sub>O, with settings for paediatric and adult patients

Pressure Support 0 – 70 cmH<sub>2</sub>O

Tidal Volume 20 – 2,000 ml with settings for paediatric and adult patients

Frequency 5 – 100 bpm with settings for paediatric and adult patients

I/E ratio 1:10 – 4:1

Inspiratory Flow 1 – 160 l/min with settings for adult and paediatric patients

Inspiratory Time 0.1 – 9.6 s

Trigger I: Pressure trigger -20 – 0 cmH<sub>2</sub>O; Flow trigger 0.5 – 15 l/min

Trigger E: 5 – 50 %

FiO<sub>2</sub>: 21 – 100 %

Air filter capacity at inlet: 99 % > 0.5 micron

Reusable, removable and disinfectable expiration valve/flow sensor.

Safety pressure release valve

Monitored and measured parameters: I:E, T<sub>i</sub>, T<sub>e</sub>, Tidal Volume V<sub>ti</sub> and V<sub>te</sub>, Minute Volume, Frequency, Insp. and Exp. Pressure and Flow, PEEP, FiO<sub>2</sub>, Compliance, Resistance

Curves (waveforms): Pressure – Time, Flow – Time, Volume – Time

Loops: Pressure – Volume, Flow – Volume, Pressure – Flow

Trends and system log storage

Audio and visual alarms: multilevel, Pressure (H/L), Frequency (H/L), expired Tidal and Minute Volume (H/L), FiO<sub>2</sub>, PEEP, Apnoea, patient circuit disconnection and leakage, O<sub>2</sub> and Air supply, AC and battery power, system status, service/maintenance

Display (colour flat panel) showing operational status, set and measured parameters and values, waveforms and alarms/errors (ventilation parameters, power and system events)

Self-diagnosis and integrity testing, with live system monitoring

Adjustable patient-circuit support arm

Built-in rechargeable battery, autonomy > 1 hour

Automatic switch to battery in case of power failure, automatic recharge on connection to mains

Power requirements 110 – 220 V / 50 – 60 Hz

Power consumption 600 – 800 W (depending on the available model)