



# SAGICO V<sub>2</sub>O VENTILATOR

HS CODE FOR EXPORT AND TARIFFS: 9019200000

## INVASIVE & NIV APPLICATIONS



**DIRECT FROM SAGICO USA**



# SAGICO V<sub>2</sub>O VENTILATOR

The SAGICO V2O Ventilator was designed by engineers in the USA for today's ICU Specifications and ships direct from the USA

## SPECIFICATIONS

### INVASIVE & NIV VENTILATOR

- Display size: 15.6 Touch Screen
- Turbine driven electrical control
- Patient types: Adult/Pediatric/Neonate
- Patient height: Adjustable

Origin USA

Certificate ( CE, ISO, FDA\*)

Optional:

- CO<sub>2</sub>, SPO<sub>2</sub> (related parameters) optional
- Etco2 module optional
- Additional Battery optional
- 19" touch screen optional
- Trolley and bag arm , cylinder optional
- Integrated with expiratory volume monitor
- Pressure measurement device, and pressure release device
- It is equipped with alarm system, Q<sub>2</sub> monitor, CO<sub>2</sub> monitor and SpO<sub>2</sub> monitor



Ventilation Modes:

A/C-VCV, A/C-PCV, A/C-PRVC, SIMV-VC, SIMV-PC, SIMV-PRVC, BIPAP, APRV, CPAP, CPAP-VG.

Special Functions:

Manual breath, Q<sub>2</sub> therapy, standby, screen-lock, inspiratory hold, expiratory hold, sigh, ATC, PCVR, PPS, Compliance, p0.1, calibrate, nebulizer, Q<sub>2</sub> suction

Controlled Parameters ( Adult, Pediatric & Neonatal )

VT in (VC-ACV, PVC-ACV, VC-SIMV, PVC-SIMV, CPAP-AG), P<sub>insp</sub>, P<sub>high</sub> in PC-Dual PAP, P<sub>low</sub> in PC-Dual PAP, P<sub>supp</sub>, PEEP, F<sub>i</sub>CRate, T<sub>exp</sub>, T<sub>pause</sub>, T<sub>high</sub> in PC-Dual PAP, T<sub>low</sub> in PC-Dual PAP, Trigger, T<sub>slope</sub>, Exp%

Controlled Parameters (O<sub>2</sub> Therapy) ( Adult, Pediatric & Neonatal )

- 15.6" Color touch screen optional 19" screen
- Adjustable (The LCD can turn up and down , and right and left)
- Slide Touch to adjust the settings.

Controls

Fully electronic control

Ventilation type: Blower

Inter Face

Nurse call, USB, NET, RS232, VGA

Interface Type

Main patient outlet: ISO 22M/15F

Oxygen inlet: DISS or NIST male

**Monitoring Parameters & Accuracy ( 29 Parameter Available).**

**Alarm Parameters & Settings ( 7 parameters )**

Operator-Adjustable:

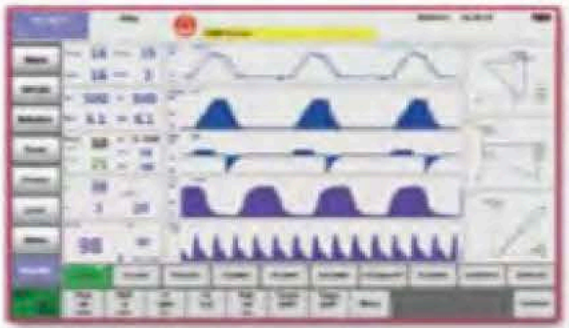
Low/high minute volume, low/high pressure, low/high tidal volume, low/high rate, apnea time, low/high oxygen

Optional: low/high CO<sub>2</sub>, low/high SP<sub>O<sub>2</sub></sub>

Special Alarms:

Oxygen concentration, disconnection, loss of PEEP, exhalation obstruction, flow sensor, power supply batteries, gas supply Loudness Adjustable: 1 to 9

Event log: Storage and display of up to 1000 events with date and time stamp

<b>Monitoring</b>	
<p>Real-time waveforms (5 waves At the same Time)                  Paw, Flow, Volume, EtCO<sub>2</sub>, SPO<sub>2</sub>                  Loops: P-V, V-Flow, Flow- P                  nebulizer, humidifier, O<sub>2</sub> suction*                  Trends: 1s, 5s, 1min, 10min, 30min, 60min                  Tidal volume: 5 to 2000mL                  PEEP/CPAP: 0 to 30 cmH<sub>2</sub>O                  Oxygen: 21 to 100%                  I:E ratio: 1:10 to 4:1                  Inspiratory time (TI): 0.2 to 5 s                  Flow trigger: 0.2 to 15 l/min                  Pressure trigger: -0.5 to -20cmH<sub>2</sub>O                  Pressure control: 5 to 90 cmH<sub>2</sub>O, added to PEEP/CPAP                  Pressure support: 0 to 90 cmH<sub>2</sub>O, added to PEEP/CPAP                  Pressure ramp: 0 to 2s                  Expiratory trigger sensitivity (ETS):                  OFF, 5 to 90 % of inspiratory peak flow                  Peak flow Spontaneous: &gt; 210 L/min</p>	
<b>Electrical &amp; Gas Supply</b>	
<b>Input Voltage:</b>	
100 to 220 V ~ ±10 %, 50 / 60 Hz AC or 24 VDC±10 % Power consumption: 50 W typical Protection class: Class I	
<b>Backup Battery:</b>	
Maximum 2 batteries inside (5200mAh each)/ hot swappable Working hours 3 hours each back up battery X ( 2 batteries ) = 6 hours	
<b>Oxygen Supply:</b>	
280 to 600 kPa (41 to 87 psi), 120 L / min Low pressure: Oxygen ≤15 L / min, max. 600 hPa for low pressure	
<ul style="list-style-type: none"> <li>• LED indicator</li> <li>• One (yellow and red. When high and medium priority alarms occur simultaneously, it flashes red only).</li> <li>• On green for external power Supply</li> <li>• Battery LED</li> <li>• Operating Status LED</li> <li>• Speaker: Gives off alarm tones and key tones; supports multi-level tone modulation. The alarm tones comply with the requirements of IEC60601-1-8.</li> <li>• Buzzer: Gives off auxiliary audio alarm in case of speaker malfunction</li> </ul>	
<b>Connectors:</b>	
<ul style="list-style-type: none"> <li>• Network</li> <li>• RS-232</li> <li>• USB</li> <li>• VGA</li> </ul>	
Weight: < 45.3 kg Dimensions (WxHxD): Approx. 600x402x415mm	



## About SAGICO

At SAGICO, we promote the efficiency needed to bridge the divide between cost containment and achieving the primary focus of clinicians. Because patient care should be at the forefront of clinical and medical professionals, not procurement of supplies. Often times, at different stages in the supply chain flow many departments tend to be focused on their own goal. Providers may want to use a specific product because they were trained with it, whereas hospital executives aim to purchase the most affordable quality items. The hospital and facilities procurement services offered at SAGICO begins with getting all hospital departments on the same page. This is a key strategy for optimizing healthcare supply chain management. In the era of value-based care, healthcare organizations are focused on reducing redundancies and eliminating waste, but providers also need to work together to effectively reduce costs and boost performance. The team from SAGICO promotes efficiency in the healthcare supply chain, so facilities can create substantial cost-reducing opportunities across their organization. At SAGICO we strive to ensure all products meet or exceed all regulatory controls. SAGICO was founded by special operations capable veterans of the United States Marine Corps (USMC) and is a US Department of Veteran's Affairs (VA) verified Service Disabled Veteran Owned Small Business (SDVOSB) company. On the USA Government side of the business, we currently sell to the USA VA Hospitals, Military, Department of Defense and many other governmental agencies.

## SAGICO VA USA, LLC

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- CAGE Code: 84ZW3
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