

Technical specification

Ventilation mode

IPPV, A/C, SIMV, SPONT/CPAP, MANU

Ventilator parameter

Tidal volume (Vt)	0, 20 mL ~ 1500 mL
Frequency (Freq)	1 min ~ 100 min
I:E	4 : 1 ~ 1 : 8
Oxygen concentration	45 % ~ 100 %
PEEP	0 cmH ₂ O ~ 20 cmH ₂ O
Pressure triggering sensitivity (Ptr)	-20 cmH ₂ O ~ 0 cmH ₂ O (Based on PEEP)
SIGH	0 (off) 1 / 100 ~ 5 / 100
Apnea ventilation	OFF, 5 s ~ 60 s

Monitoring parameter

Frequency (Freq)	0/min ~ 100/min
Tidal volume (Vt)	0 mL ~ 2000 mL
MV	0 L/min ~ 99 L/min
Airway pressure	0 cmH ₂ O ~ 100 cmH ₂ O
Oxygen concentration	15 % ~ 100 %

packing size

Main components: L 560 * W 560 * H 615 mm

G.W. : 30 KG, N.W. : 16 KG

Trolley: L 650 * W 690 * H 520 mm

G.W. : 37 KG, N.W. : 11 KG

Alarm and protection

The AC power failure alarm	Power failure or no connection
Internal backup battery low voltage alarm	< 11.3 ± 0.3V
No tidal volume	No tidal volume within 6 s
High oxygen concentration alarm	19 % ~ 100 %
Low oxygen concentration alarm	18 % ~ 99 %
High airway pressure alarm	20 cmH ₂ O ~ 100 cmH ₂ O
Low airway pressure alarm	0 cmH ₂ O ~ 20 cmH ₂ O
High minute volume alarm	1 L/min ~ 99 L/min
Low minute volume alarm	0 L/min ~ 20 L/min
Continuous pressure alarm	(PEEP + 1.5 kPa) over 16 s
Suffocation warning	5 s ~ 60 s no spontaneous ventilation

Working condition

Gas source	O ₂
Pressure	280 kPa ~ 600 kPa
Voltage	220 V ± 22 V
Power frequency	50 Hz ± 1 Hz
Input power	40 VA

Oscillogram

P - T (Pressure - Time)

F - T (Flow - Time)

Other models for your reference :



SM-VG03



SM-VG02



SM-VG05

The picture is for reference only. For more information, please contact Superstar Medical sales representatives.



ICU Ventilator SM-VG01

Friendly Powerful Reliable