TECHNICAL SPECIFICATION

Ventilation mode

IPPV, A/C, SIMV, SIGH, MANUAL

Ventilator parameter range

Flowmeter	O$_2$ (0.1～10 L/min)
	N$_2$O (0.1～10 L/min)
	AIR (0.1 ～10 L/min)
Rapid oxygen supply	25 L/min ~ 75 L/min
Tidal volume(Vt)	0, 20 mL ~ 1500 mL
Maximum MV	≥18 L/min
Frequence（Freq）	1 /min ~ 100 /min
I:E	2:1 ~ 1:6
PEEP	0 cmH$_2$O ~ 30 cmH$_2$O
Pressure triggering sensitivity (PTr)	-20 cmH$_2$O ~ 20 cmH$_2$O (Based on PEEP)
Flow trigger sensitivity （FTr）	0.5 L/min ~ 30 L/min
SIGH	0 (off) 1/100 ~ 5/100
Apnea ventilation	OFF, 5 s ~ 60 s
Pressure limit	20 cmH$_2$O ~ 100 cmH$_2$O

Monitoring parameter

Frequence（Freq）	0 /min ~ 100 /min
Tidal volume (Vt)	0 mL ~ 2000 mL
MV	0 L/min ~ 100 L/min
Oxygen concentration	15 % ~ 100 %

Wooden case packing size

Wooden case packing size : L 920 * W 970 * H 1390 mm

G.W. : 155 KG   N.W. : 87.5 KG   CBM : 1.24 m^3

Alarm and protection

The AC power failure alarm	Power failure or no connection
Internal battery backup low voltage alarm	< 11.3 ± 0.3 V
No tidal volume	≤ 5 mL 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	Adult (5 L/min ~ 20 L/min)
	Paed (1 L/min ~ 15 L/min)
Low minute volume alarm	0 ~ 10 L/min
Continuous pressure alarm	(PEEP +1.5 kPa) over 16 s
Suffocation warning	5 s ~ 60 s no spontaneous ventilation
The maximum limited pressure	＜12.5 kPa
Fan error	Show on screen
Oxygen deficit	Show on screen

Working condition

Gas source	O$_2$, N$_2$O, AIR
Pressure	280 kPa ~ 600 kPa
Voltage	100 ~ 240 V
Power frequency	50/60 Hz
Input power	80 VA

Oscillogram

P-T (pressure-time)

F-T (flow-time)

P-V loop (pressure-volume loop)

S6100A(basic)   S6500   optional S6100   optional S6200A   S6600

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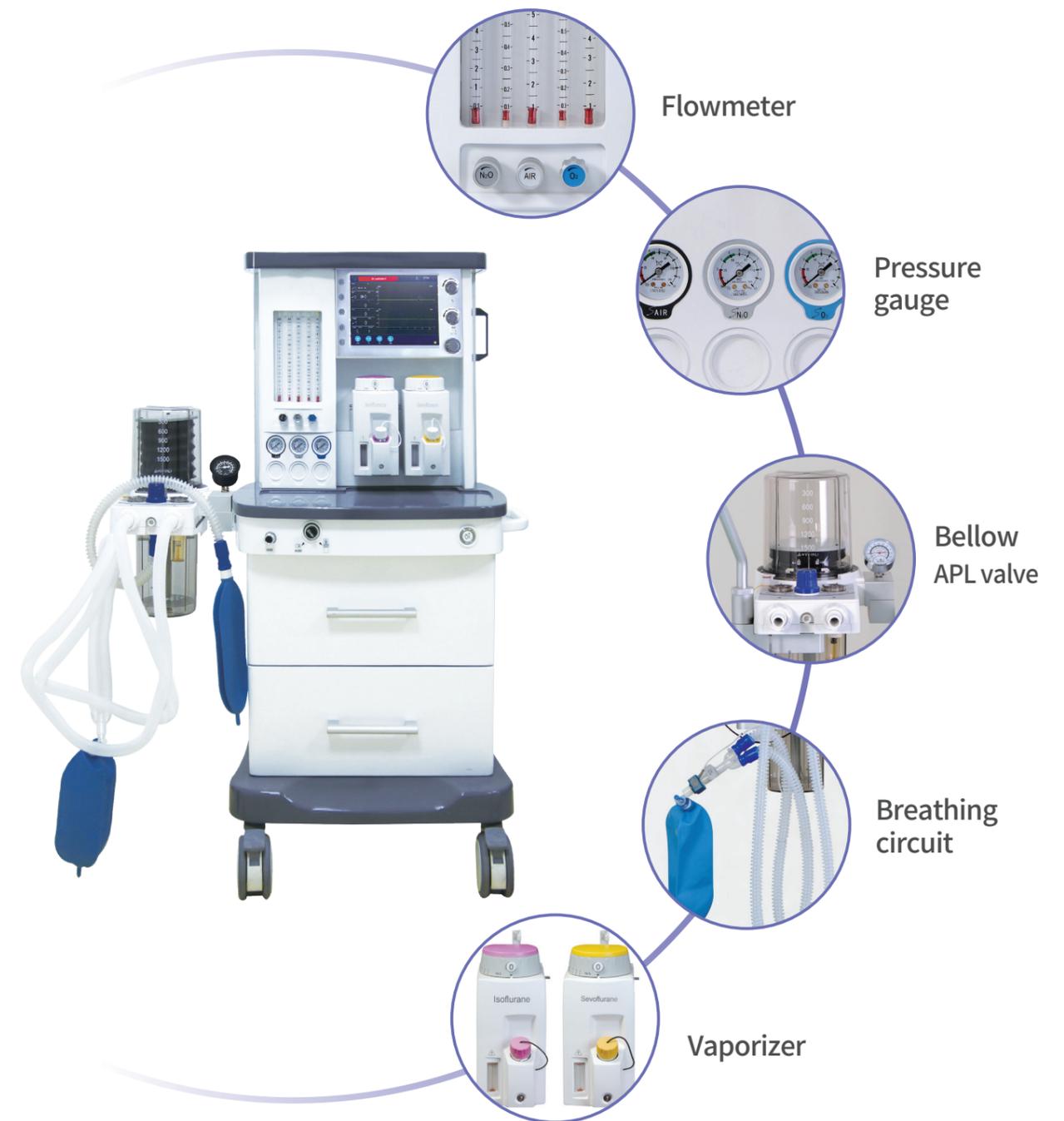

S6100A (High)
Anesthesia System

ADULT · PEDIATRIC

DENIZLER MEDIKAL

Friendly Powerful Reliable

DENIZLER MEDIKAL SAN.ve TIC.A.S.

K.bakkalkoy Mh.Sevda Sk.
Seven Tower No: 1 Kat: 3 Atasehir / ISTANBUL
T: +90 216577 5222   F: +90 216577 5221
info@denizlermed kal.com   www.denizlermedikal.com

S6100A (High)
Anesthesia System

ADULT · PEDIATRIC

Flowmeter

Pressure gauge

Bellow APL valve

Breathing circuit

Vaporizer

10.4" screen

Application

The Anesthesia machine makes a good performance in Intensive Care Units (ICU), Operation room, Anesthesiology Department and other departments. S6100A(high) is designed for ease of use, incorporating basic function and the maximum patient safety in daily anesthesia practice. Professional design for adult, child and infant inhalation anesthesia and respiratory management,with advanced ventilation mode. Combine proven ventilation technology with the latest refinements in ergonomics and systems integration with an advanced, easy to use anesthesia table designed together with experienced experts to streamline your anesthesia workflow.

Feature

- Simplicity: 4 static casters with self-locking function.
- Precision in an anesthesia ventilator with multiple ventilation modes: IPPV, A/C, SIMV, SIGH and MANUAL.
- 10.4" TFT LCD screen displays the Ventilation parameters, Alarm information and Oscillogram.
- Vaporizer with temperature, pressure, flow compensation and self-lock function, keep safety anytime.

- Pressure-time, low-time and high precision $ETCO_2$, O_2 concentration show in real time.
- $ETCO_2$ and Anesthesia Gas Scavenging System (AGSS) are optional.
- Built-in backup battery provide the emergency power supply to the unit.Low O_2 pressure alarm and N_2O cut-off protection.

- Over 5,000 units are installed in more than 200 countries.
- Designed and manufactured by Superstar Medical with over 25 years of experience in ICU field.