MCS0143 Anesthesia machine

MCS0143anesthesia machine is an economic type of anesthesia machine.

■The high-precision Vaporizer is designed with a stable concentration output,automatic compensation for pressure, temperature and flow rate. And it is available to choose one kind of gas from Halothane, Enflurane, Isoflurane, and Sevoflurane, ensuring a successful anesthesia operation.

■Reliable pneumatic transmission system

■Economic and proper configuration of technologies, optional as required by the Customer.

■Modularized design and upgrading.Upgrading is available as required by the Customer.

Main technical parameters

Part of Anesthesia Machine

■Main body	high-strength engineering plastic rack,light, beautiful and corrosion resistance
■Scope of application	adult, child
■Gas source	O_2:0.28～0.6MPa N_2O:0.28～0.6MPa
■Flow meter	O_2:0.1～1.0L/min 1.1～10L/min (O_2:0.1～10L/min N_2O:0.1～10L/min)
■(O_2,N_2O linkage and N_2O Seopper)	

(When using nitrous oxide, oxygen concentration≥25%;When the oxygen pressure＜0.2Mpa,the flow of nitrous oxide would be cut off)

■Flow rate of rapid oxygen supply	25～75L/min
■Low oxygen pressure alarm	it will be alarmed when the oxygen pressure < 0.2MPa
■Vaporizer	(it has the function of automatic compensation based on pressure, temperature, and flow rate. The regulation range of evaporator concentration is 0～5vol%. Among Halothane 、 Enflurane, 、 Isoflurane and Sevoflurane, one can be chosen for application as required by the customer.
■ Respiratory circuit	work mode :all close, semi-close. semi-open APL:≤12.5kPa
■ Respiratory Bellows	bellows for adults,bellows for children tidal volume range:0～1500ml

Part of Ventilator

■Display mode	high-definition 4.8-inch LCD screen display

■Ventilation mode IPPV、MANUAL (Manual monitoring of tidal volume、ventilation volume、respiratory rate)

■Ventilation parameters

tidal volume	50～1500ml
rate	4～80bpm
I:E	2:1～1:4
Pressure range	1.0～6.0kPa

■ Parameters for ventilation monitoring

tidal volume. Ventilation volume. IPPV rate.

I/E. peak pressure of airway, pressure-time waveform

■ Security Alert System

Airway pressure alarm

upper Limit setting range	1.0～6.0 kPa
low Limit setting range	0.4～2.0 kPa

TV alarm

upper Limit setting range	0.5～2.0L
low Limit setting range	0.02～1.0L

Sustained high-pressure alarm it will give alarm when stress have consistently been higher than 2.5Kpa

Suffocation alarm

Power alarm

■ Power AC 100-240V 50/60Hz

Items within brackets are optional.