




HA1000 Anesthesia system

Feature

- Integrated breathing circuit with APL valve, excellent tightness.
- Replacing drive bellow is NOT required when operating Adult/pediatric anesthesia .
- Applied with 1 high-precision vaporizers. (Selectatec).
- 10.1 inch screen.
- Real-time detection for loops, Paw, BPM, VT and compliance.
- Comprehensive monitoring capabilities include ventilation parameters monitoring, preset parameters, alarm indication and breathing waveform monitoring.
- ACGO available to connect with T/Bain circuit for open operation. (Optional)



Specifications		
	Model No.	HA1000
	Main Unit	2 Drawers
		10.1 " Color LCD Screen
		Mechanical Flowmeters (with hypoxic guard)
		134C Autoclavable Breathing System
	Frame with Workbench	
DIMENSIONS(W*H*D)		73*123*52
Weight		60 Kg
Castors		Front castor wheels with lock
POWER AND BATTERY BACKUP		
Power Input		100-240V, 50Hz +2%
Operation time with fully charged batteries		upto 120 minutes
GAS SUPPLY MODULE		
Gas Input		O2, N2O & Air; 280kPa - 600kPa
O2 Flush		25L/Min-75L/Min
Flow meter		5 tubes, cascaded, 0.1 to 15 L/Min (O2 & N2O), 1 for Air
Hypoxic Guard System		O2 concentration not lower than 25%, N2O cut off valve
FiO2 Setting		O2 concentration : 21-100%
VENTILATOR SPECIFICATIONS		
Control Screen		10.1 inch Color LCD Screen
Ventilator		Electronically controlled, pneumatically driven
Ventilation Modes		Manual, VCV, SIMV, SIPPV(A/C)
Vt		20-1500ml
Pressure range		5-60cmH2O
Pressure Trigger (Ptrig)		-20cmH2O to 0cmH2O
Rate		1-100bpm (1-40bpm under SIMV)
I:E		4:1 - 1:8
PEEP		OFF, 4-30cmH2O
Compensation		Compliance compensation
Monitoring Parameters		Ppeak, Pmean, PEEP, FiO2, Tidal Volume, MV, Rate, I:E
Alarms		Tidal Volume, Rate, MV, Apnea, FiO2, Airway Pressure Oxygen failure, AC Power failure, Battery Low
VAPORIZER		
Type		Isoflurane, Sevoflurane, Enflurane, Halothane
Mounting Mode		Selectatec type with interlock
Filling type		Pour-fill
INTEGRATED BREATHING SYSTEM		Built in with moisture reduction & Autoclavable
		Volume of Circle absorber : 2 Litres
CERTIFICATES		
CE		Anesthesia Machine, Vaporizer
ISO 13485		Yes