

Technical Specifications	
Model No.	HA1100
Main Unit	2 Drawers; 10.4" Touch Screen; Mechanical Flowmeters (with hypoxic guard); 134°C Autoclavable Breathing System with Heating Function and Bypass Function; Frame with Workbench; Optional:- AGM & CO2 Monitoring
DIMENSIONS(W*H*D)	78.2*142.5*71.9CM
POWER AND BATTERY BACKUP	
Power Input	100-240V, 50/60 Hz
Operation time with fully charged batteries	up to 90 minutes
GAS SUPPLY MODULE	
Gas input	O ₂ , N ₂ O, AIR; 280kPa - 600kPa
O ₂ flush	25L/Min-75L/Min
O ₂ -N ₂ O link system	O ₂ concentration not lower than 25%
Flow Meter	Twin Cascaded flow meter for Oxygen, N ₂ O & Air from 0 LPM to 10 LPM
Yoke & Pipeline inlet	One Yoke each for O ₂ & N ₂ O, Separate Pipeline inlet for 2x O ₂ , 1x N ₂ O & 1xAir
VENTILATOR SPECIFICATIONS	
Ventilator	Pneumatically driven and Electronically controlled and low flow capable
Fio2	O ₂ concentration :21-100%
Control Screen	10.4 inch, color touch screen
Ventilator	Electronically controlled, pneumatically driven
Ventilation modes	Manual, VCV, PCV, options: SIMV-VC/PC, PSV
Loops	3 Loops :-Pressure vs Volume, Flow vs Volume, Pressure vs Flow
Waveform	Pressure vs Time, Volume vs Time, Flow vs Time
Vt	20-1500 ml
Plimit(VCV)	10-100cmH ₂ O
Pinsp(PCV)	5-70cmH ₂ O
Flow trigger(Ftrig)	1-15L/min
Pressure trigger(Ptrig)	PEEP-1-PEEP-20cmH ₂ O
Rate	4-100 BPM
I:E	4:1-1:10
Tinsp	0.1-10s
PEEP	OFF, 4-30cmH ₂ O
Insiration pause (Tip:Ti)	OFF, 5%-60%
Slope	0-2s
Compensation	Compliance compensation, fresh gas compensation
Monitoring Parameters	Ppeak, Pplat, PEEP, Pmean, FiO ₂ , R, C, Vt, MV, Rate, I:E, ETCO ₂ ,
Alarms	Tidal volume, Rate, MV, Apnea Alarm, Airway Pressure.
APL Valve	Adjustable pressure limiting valve from 0-70 cmH ₂ O
VAPORIZER	
Type	Enflurane, Isoflurane, Sevoflurane
Mounting Mode	Selectatec type with interlock
Filling type	Pour-fill
INTEGRATED BREATHING SYSTEM	
	Built-in heated, Autoclavable, Bypass function
	Volume of CO ₂ absorber canister:1600ml
CERTIFICATES	
CE Mark	Anesthesia machine, vaporizer
ISO 13485	Yes



HA1100

Compact and Pratical Anesthesia Machine



Heidelco
MEDICORE

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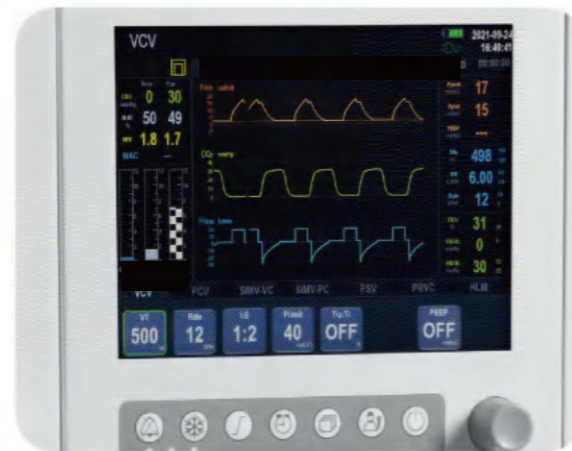
HA1100

HA1100 incorporates leading technology platform and high performance ventilation, providing highly accurate delivery and gas monitoring. With a design concept of ease to use, it is easy to operate and satisfies various clinical needs.



More safe and accurate

- ▶ With key components from worldwide top suppliers, HA1100 delivers stable, accurate fresh gas and driven gas.
- ▶ Employing the leading sensor technologies, HA1100 monitors the tidal volume with the feedback system in real time to avoid error caused by the monitoring of flow sensor.



Touch-screen, ease to use

- ▶ 10.4" touch screen with flat menu design enables users to make adjustments to settings and have a clear view on parameters.
- ▶ Waveforms and parameters are displayed in the same time.

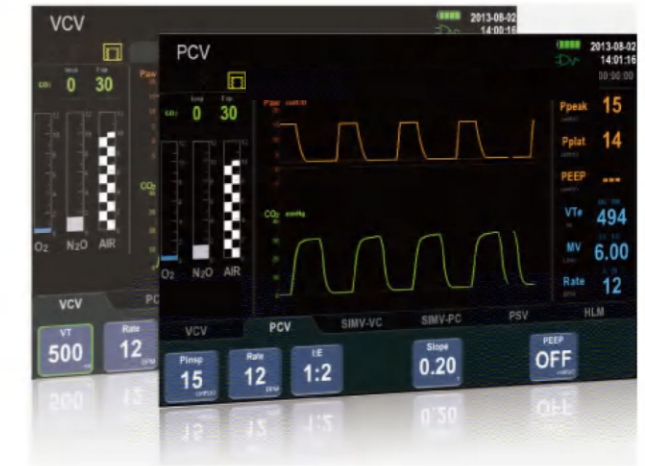
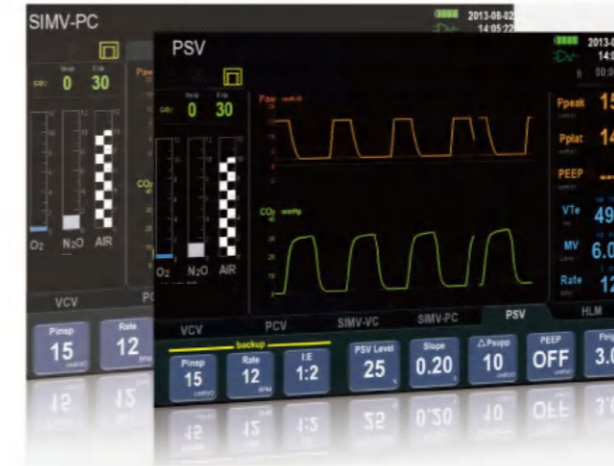


Accurate anesthetic vaporizer

- ▶ High quality with CE marked;
- ▶ Flow, pressure and temperature compensation;
- ▶ Maintenance Free
- ▶ Large capacity

High performance ventilation

HA1100 supports a full range of ventilation modes: volume control (VCV), pressure control(PCV) and optional ventilation modes. The top proportional electromagnetic valve supports the ICU-like ventilation with stable and accurate gas delivery as low as 20 ml tidal volume.



Integrated heated breathing system

- ▶ With a built-in heated module, condensation is reduced to a minimum, which improves flow sensor accuracy.
- ▶ The breathing system is 134°C autoclavable for sterilization purpose.
- ▶ Bypass function supports canister changing during operation.
- ▶ Designed with a concept of ease to use, the heated breathing system is easy to disassemble.
- ▶ The screen will display the status of the breathing system to indicate if it is installed in place.