

Technique Specifications	
Physical Specifications	
Dimensions:	70*85*140cm
Weight:	65kg
Casters:	Front wheels with lock
Screen:	12.1 inch LCD
Working Specifications	
Power	AC 220V±10%, 50Hz±2%
Pipeline Supply	
Gas configuration	O ₂ , N ₂ O, Air
Pipeline input range	280-600kPa
Battery Power	
Run-time	≥180 mins
Pre-setting Functions	
Language	English
Calibration	Automatic
Applications	
Patient range	Audit/ Pediatric
Ventilator Specifications	
Modes of Ventilation	
VCV	Volume Controlled Ventilation
SIMV	Synchronized Intermittent Mandatory Ventilation
MANUAL	Manual
A/C	Assist / control Ventilation
PCV	Pressure Control Ventilation
PSV	Pressure Support Ventilation
STAND-BY	STAND-BY
Ventilator Parameter	
Working type	Electronically controlled, pneumatic driven
Tidal Volume range	20-1500ml
Pressure range	5-60 cmH ₂ O
Rispiration rate range	1-100 bpm (1-40bpm under SIMV)
I:E range	4:1-1:8
Ptrigger range	-20-20 cmH ₂ O (based on PEEP)
Flow trigger	0-15L
Minute volume range	>18L/Min
SIGH range	0-5/100
System Standard	
Hypoxic guard system	N ₂ O cut-off valve, O ₂ concentration >25%
Safety valve	<12.5kPa
Fresh gas compensation	25-75L/min
Volume of CO ₂ absorber	2 L
Flow meter	5 tubes, Cascade 0.1-15L/min O ₂ 0.1-15L/min N ₂ O, 0.1-15L/min air
Vaporizer	2 Selectetac, maximum 2 mounts(Isoflurane/Enflurane/Sevoflurane/Halothane)
Monitoring	
Display graphics	Waveforms of P-T, F-T, V-T, loops of P-V,V-F,F-P(Zoom in/out, comparison, freeze)
Types	VT, MV, BPM, Paw, Lung compliance, Inspiratory Platform,FiO ₂
Alarm Limits	
Audio/Visual	No tidal volume, MV,Paw, FiO ₂ limitation O ₂ , Air failure, AC power failure, Battery low
PEEP	
Type	Integrated, Electronic control
Range	OFF, 3-30cmH ₂ O
Optional	
1.AGSS	Anesthetic Gas Scavenging Systems
2.Suction Unit	Suction Unit



Integrated Breathing Circuit

- Integrated breathing circuit with APL valve, excellent tightness and easy to use.
- Low essential resistance, good mechanical compliance.
- Replacing drive bellow is not required when operating pediatric anesthesia.
- Drain cup design ensure no water trap in the breathing circuit.
- Built-in design duo flow sensor (no maintenance required).
- 2 L Large volume of CO2 canister.
- Autoclave 134°C.



High-precision Vaporizer

- New vaporizer can be used for large flow anesthesia(15L/Min).
- Apply automatic compensation function for temperature, pressure and flow.
- Apply Interlock Selectatec.
- Pour type: Isoflurane, Enflurane, Halothane, Sevoflurane.



Display

- 12.1 inch touch screen with no dead space.
- NEW interface design with user friendly layout and colour assortment.
- Day/Night display mode brings a better visual perception to users. Night mode suitable for dark environment.
- To display a full range of ventilation modes including VCV, PCV, SIMV-V, SIMV-P, PSV. Also displays pressure, flow rate, volume and CO2 waveform in same interface.
- Real-time detection for loops, airway pressure, flow rate, volume, compliance and airway resistance.
- Comprehensive monitoring capabilities include ventilation parameters monitoring, preset parameters, alarm indication and breathing waveform monitoring.
- Typical display for Zoom in/out, comparison, freeze.
- Event logging function.



HSP-302
Anesthesia system

ACGO

- International standard design.(diameter:22mm).
- Convenient for patients' oxygen inhalation and postoperative recovery.
- To connect with T circuit or bain circuit for open-operation.



Yoke system

- Up to 3 back up cylinders with A-type 11L size.



AGSS(Optional)

- Made by aluminum alloy. High strength, light weight, never rusts.
- Enhance the safety of the environment in which members of staff in close proximity with waste anaesthetic gases and vapors (agents) work.

