



301D Anesthesia system

Feature

- Integrated breathing circuit with APL valve, excellent tightness.
- Replacing drive bellow is NOT required when operating adult/pediatric anesthesia.
- Applied with 2 high-precision vaporizers. (Selectatec).
- 10.1 inch touch screen with no dead space.
- 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.
- Head light.
- Altitude compensation function.
- ACGO available to connect with T/Bain circuit for open operation.
- Yoke system with up to 3 back up cylinders (A type with 11L size) (Optional).



Technique Specifications	
Physical Specifications	
Dimensions:	70*85*140cm
Weight:	65kg
Casters:	Front wheels with lock
Screen:	10.1 inch LCD
Working Specifications	
Power	AC 100V-240v, 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
A/C	Assist / control Ventilation
SIMV	Synchronized Intermittent Mandatory Ventilation
MANUAL	Manual
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
Respiration 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
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	
2. Suction Unit	
3. Communication Interface	

Authorised Representative

Note: specification subject to change without prior notice