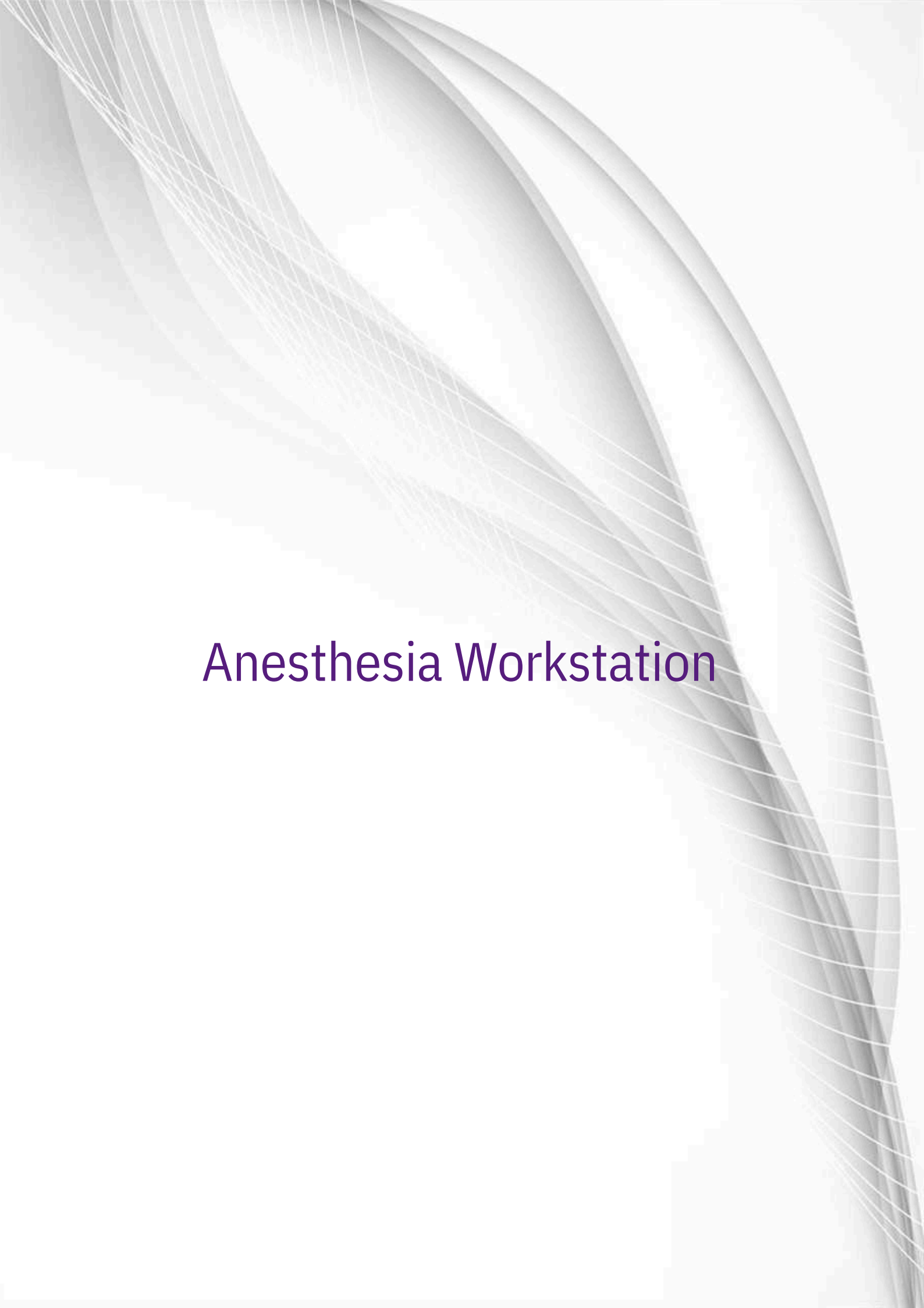




PRODUCT CATALOG



Anesthesia Workstation



Aira 300

Anesthesia Delivery System

Smart and compact anesthesia workstation for Adult, Pediatric & Neonates with advanced ventilation modes, efficient gas delivery system and flexibility for most spatial conditions.

Aira 300

Anesthesia Delivery System

Technical Data

Ventilator Specification

Basic Modes	VCV, PCV, SIMV-V, SIMV-P, PSV, Manual				
Advance Modes	PRVC, SIMV-PRVC, VS*, APRV*, DUOVENT*				
Patient Type	Neonatal, Pediatric, Adult				
Control Parameters	V _T	P _{insp}	P _{supp}	PEEP	Freq
	10~1600ml	5~cmH2O	80 3~70cmH2O	3~30cmH2O	2~100BPM
Trigger	F _{trigger}	P _{trigger}	I:E Ratio	T _{insp}	T _{pause}
	0.5~20LPM	-20~1cmH2O	4:1~1:10	01~10s	5~70%
Waveform	Pressure-Time, Flow-Time, Volume-Time				
Loop	Pressure-volume loop, Pressure-flow loop, Flow-volume loop				
Monitoring	Volume		Pressure		Others
	V _{ti} , V _{Te} , MV, MV _{spont}		P _{peak} , P _{mean} , PEEP, P _{plat} , P _{min}		Frequency, I:E, Compliance, Resistance, FiO2
Trend	24 hours				

Pneumatic Specifications

Pipeline Input	O2, Air, N2O		
Driving Gas	Driving gas switching system O2 / Air		
Yoke	O2, N2O		
Flowmeter	6 tube mechanical flowmeter		
	O2	N2O	Air
	0~10L/min	0~12L/min	0~15L/min
Aux. O2	0~15L/min		
O2 Flush	25~75L/min		
Other Systems	ACGO, Hypoxic guard system, APL valve		

Breathing System Specifications

Type	Heated breathing circuit
Co2 Bypass	Active Co2 bypass
Bellows	About 1600ml
APL Valve	0~70cmH2O

Power Specifications

Input Power	100-240V, 50/60Hz, ≤90VA
Internal Battery	Li-Ion, 6600mAh
Backup	> 240 mins of runtime in new fully charged battery

Physical Specifications

Display Size	10.2" / 15.6"* Color touch screen display
Techbar	Selectatech type for 2 / 3* vaporizer mount
No of Drawer	3
L*B*H / Weight	141*95*65(cm) / 110kg

Optional System

Vaporizer	Isoflurane, Sevoflurane, Enflurane, Halothene
AGSS	Low flow anesthesia gas scavenging system
Monitoring	SpO2, EtCO2, Multi-gas module, Vacuum suction unit
*	Marked are optional items