

VITA
JUNIOR
B-20



TECHNICAL SPECIFICATIONS

Construction	Steel Structure electrostatically powder coated or stainless steel or aluminum as per requirement				
Storage Space	One drawer for keeping essential Anesthesia Kit accessories				
Castors & Foot rest	Large roller bearing anti-static castors with front brakes & foot rest Stainless Steel				
Table top	Wide monitor shelf at eye with securing provision				
Monitor Shelf	Color coded gas specific (pin indexed) yokes with sliding stainless steel clamping bars for easy handling				
Cylinder Yokes	Extended platform at rear to hold two 10 ltr. water capacity cylinders exceeds 125 CmH ₂ O				
Addl. Gas Supply (optional)	Designed for higher efficiency, Long service life and reliability, 2 each for O ₂ and N ₂ O				
Non-return cum	Emergency oxygen flush switch at table level to give 30-75 Ltrs/ min for emergencies				
Pressure Relief Valve	Auxiliary high pressure Oxygen outlets 2 Nos. at 400 kpa (Bar) at the rear				
Regulators	Self activated electro-pneumatic audible warning device to indicate drop in O ₂ Pressure below 2.5 Bar It enables No ₂ to cut off if Oxygen fails				
Oxygen Flush	Mixing device to proportion the N ₂ O in such a way that minium of 25% O ₂ is always present in the breathing gas mixture				
Ventilator Drive Gas (optional)	Conveniently located Swivel Type CGO with ISO tapers for 22 & 15mm connections				
O ₂ Failure warning alarm	250± 50 ml basal flow of Oxygen as soon as machine is switched on.				
Nitro Lock	Two on Jupiter 200 & Jupiter 200 Pro, Three on Jupiter 300 and five (cascading for O ₂ and N ₂ O and single for Air) on Jupiter 500 and optional on Jupiter 200 and 300				
Hypoxic Guard					
Common Gas Outlet (CGO)	Type	Oxygen	Nitrous Oxide	Air	
	Standard	0.1-10 lpm	0.2-12 lpm		
Basal Flow with On/Off Swith	Cascade (low)	0.02-1.0 lpm	0.05-1.0 lpm	0.2-15 lpm	
(Option)	Cascade (high)	1-10 lpm	1-10 lpm		
Flowmeter (Rotameter) Tubes	non-interchangeable screw threaded (NIST) pipeline inlets one each for O ₂ N ₂ O and Air (Optional on Jupiter 200 and standard on Jupiter 200 Pro, Jupiter 300, 500) In case of drop in piped gas pressure the pin index cylinders take over automatically				
Range of Flowmeter	50mm dianeter, color coded gauges fitted at convenient angle for better visibility and clarity. One for each of the pin indexed yokes and one each corresponding to piped gas inlet				
Pipe Line Gas Inlets	Bains circuit provided ad standard. Magillis antistatic rubber as optional				
Pressure Gauges	Hook for breathing circuit, rear bumper, side handles, open/close circuit quick change-cover switch.				
Breathing Circuits	Convenient mounting position for circle absorber				
Others	Operation : 10:C-40°C		Storage : (-)20:C-55°C		
Temperature	Operation : ≤ 100%		Storage : ≤ 100%		
Humidity					
Dimensions	Height	Width	Depth	Work Surface Ht.	Weight
	1460mm	680mm	600mm	885mm	90 kg