

Anesthesia Ventilator

Technical Specification

Feature	Description	Comments
LCD TFT Display	7,10,15 inch	Touch or without touch
Patient Type	Adult, Pediatric	
Operating modes	VCV,PCV,SIMV-V,SIMV-P,ACV-V, ACV-P, Manual, PSV	PSV with apnea backup shall be implemented soon.
Positive End Expiratory Pressure [PEEP]	Electronically Controlled	
Trigger Type	Pressure, Flow	
Breath detection	Machine, Patient	Breath Identification shall be implemented soon.
Flow sensor	Dual/Single	
Monitoring Parameter	Ppeak, Vti, Vte, RR, Mv, PEEP, Cdyne	
Waveform	P-T,F-T,V-T	
Loop	P-V,F-V	Applicable for 10 and 15 inch
Alarms	PawMax, VtMax, breathing circuit Disconnect, O2/DG Pressure low, Sensor faults-O2, Paw, Finsp, Fexp, PO2/Pdg. Vte-Low/High, Ppeak-Low/High, Mv-High/low, PEEP-Low/High, RR-High/Low, Apnea.	
Event Logs	Up-to 100 events	
Pre-Operative checks	Flow/Pressure sensor zero calibration,21% O2 ,100 % O2	
Power supply	230 VAC/50 Hz	
Battery Backup	7"-approx. 5 hours 10"- approx. 2.5 hours 15"- approx. 1.15 hours	Variation may find based on Operating parameters
Patient Monitoring	Etco2-optional	

Due to our continuous product development program ,the specification may change with prior notice.

Setting Parameters

Sr.No	Parameter	Range			Unit
1	VT	20	1500		ml
2	Pinsp	5	60		cmH2o
3	RR	4	60		bpm
4	I:E	1:1, 1:2, 1:3, 1:4, 4:1, 2:1, 3:1			---
5	Pause	0	50		%
6	PEEP	Off	2	20	cmH2O
7	Ramp	Low	Med	High	---
8	Apnea	0	20		sec
9	Trigger Type	Pressure			cmH2o
		1	10		---
		Flow			Lpm
		1	10		----
10	SIMV-Trigger Window	0	80		%
11	Tinsp	0.3	6		sec
12	PawMax	5	60		cmH2o
13	VteMax	20	1500		ml

Monitoring parameters

Sr.No	Parameter	Range			Unit
1	Ppeak	5	60		cmH2o
2	Pmean	5	60		cmH2o
3	VT	10	1600		ml
4	RR	4	60		bpm
5	Mv	0.4	30		L
6	PEEP	Off	2	20	cmH2O
7	Tinsp	0.3	6		sec
8	Fio2	21	100		%
9	Cdyne	4	60		ml/cmH2o

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