

ECONA^{G3}

ANESTHESIA SYSTEM



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The HEYER ECONA Anesthesia System offers a variety of innovative features, patient safety and user comfort elements. Its compact, cute and space saving design concept makes ECONA even suitable for small ORs without any compromises in handling and operating.

A Tidal Volume starting from 20 mL makes it fit for a wide range of patients - from pediatrics to adult. Various contemporary ventilation modes ensures the right adoption to the individual needs of the patient. HEYER ECONA includes an electronic PEEP function and a 5 tubes Flowmeter for O₂, N₂O and AIR.

The 8.0 inch TFT color screen and the simple structured user interface ensure an easy and convenient operation and give detailed information about the patient status and all relevant parameters. ECONAs Patient Module with its highly integrated absorber is simple to detach and ready for convenient sterilization.

Optional available are functions and features like:

- Anesthesia Agent, CO₂ and SpO₂ module
- Auxiliary oxygen flowmeter
- Active AGSS system deal with exhaust gas and reduce pollution, providing more safety protection.

PERFORMANCE SPECIFICATION	
Ventilation modes:	VCV, PCV, SIMV(V)+PS, SIMV(P)+PS, Standby, Manual
Tidal Volume:	20 - 1500 mL
Ventilation frequency:	4 - 60 bpm
I:E:	3:1 - 1:6 (increment: 0.5)
Ti:	0.1 - 10s (increment: 0.1s)
Inspiratory pause (Tp):	OFF, 5% - 50%
Flow trigger:	1 - 15 L/min
Pressure control:	5 - 70 cmH ₂ O
Pressure support:	5 - 60 cmH ₂ O
Pressure limited:	PEEP+5 - PEEP+70 cmH ₂ O
Electronic PEEP:	OFF, 4 - 20 cmH ₂ O
Monitoring:	Volume: V _{TI} , V _{TE} , MV, MVspont Pressure: Ppeak, PEEP, Pplat, Pmean, Pmin Freq, Fspont, I:E, Compliance, Resistance, FiO ₂
Waveform:	P-T, F-T, V-T
Alarm :	Audio and visual alarms with three levels Volumes: MV high/low, V _{TE} high/low Pressure: Paw high/low, Negative pressure, Low O ₂ supply pressure, Apnea, Continuous high airway pressure Freq high/low, FiO ₂ high/low Power: AC power failure, Low battery power, Exhausted battery failure
VAPORIZER	
Vaporizer mount:	1 or 2 - selectatec® compatible
Agent type:	Halothane, Enflurane, Isoflurane, Sevoflurane
PNEUMATIC SPECIFICATION	
Gas supply:	O ₂ , N ₂ O, Air: 0.28 - 0.6 MPa
Flowmeter:	O ₂ : 0 - 1 L/min, 1 - 10 L/min N ₂ O: 0 - 1 L/min, 1 - 10 L/min Air: 0.1 - 10 L/min
Gas system:	O ₂ deficiency alarm, Hypoxic guard system, O ₂ flush: 35 - 75 L/min
Working mode:	Closed, Semi-closed, Semi-open
Driven mode:	Pneumatically driven and electronically controlled
Operating mode:	Manual / Vent
PHYSICAL SPECIFICATION	
Dimensions (H×W×D):	1321×827×598 mm
Net weight:	80 kg
Communication interface:	VGA, RS232, RJ45, Debugging
Screen:	8.0 inch TFT screen
Power:	100 - 240 VAC, 50/60 Hz, 6.5 A(max)
Lithium battery:	minimum 90 minutes

