



ECONA

ANESTHESIA WORKSTATION

HEYER

MEDICAL AG



ANESTHESIA WORKSTATION

FUNCTIONS & FEATURES

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.

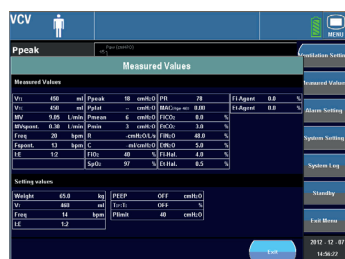
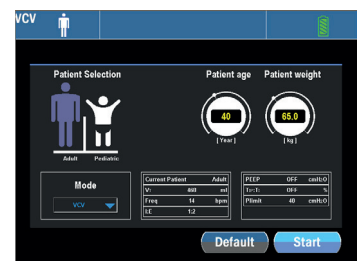
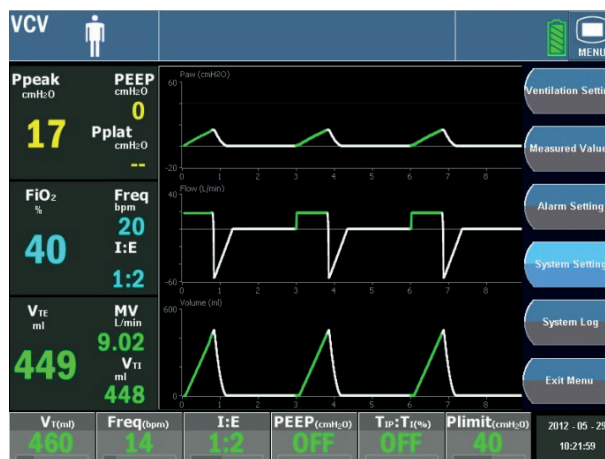
HEYER ECONA includes an electronic PEEP function and a 5 tubes conventional high-accuracy flowmeter system for O₂, N₂O and AIR.

The 8.0 inch TFT color screen and the simple structured user interface ensure an easy and convenient operation as well as 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.

The patient module is warmed to body temperature to virtually eliminate internal condensation.

Optional available are functions and features like:

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



SPECIFICATIONS

Performance Specifications

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 cmH2O
Pressure support:	5 - 60 cmH2O
Pressure limited:	PEEP+5 - PEEP+70 cmH2O
Electronic PEEP:	OFF, 4 - 20 cmH2O
Monitoring:	Volume: VTI, VTE, MV, MVspont, Pressure: Ppeak, PEEP, Pplat, Pmean, Pmin, Freq, Fspont, I:E, Compliance, Resistance, FiO2
Waveform:	P T, F T, V T
Alarm:	Audio and visual alarms with three levels Volumes: MV high/low, VTE high/low Pressure: Paw high/low, Negative pressure, Low O2 supply pressure, Apnea, Continuous high airway pressure Freq high/low, FiO2 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:	O2, N2O, AIR: 0.28 - 0.6 MPa
Flowmeter:	O2:0 - 1 L/min, 1 - 10 L/min N2O:0 - 1 L/min, 1 - 10 L/min AIR: 0.1 - 10 L/min
Gas system:	O2 deficiency alarm, Hypoxic guard system, O2 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 (HxWxD):	1321x827x598 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





HEYER Medical AG

Carl-Heyer-Str. 1/3
56130 Bad Ems
Deutschland
Tel. +49 2603 7913
Fax +49 2603 70424
info@heyermmedical.de
www.heyermmedical.de

Rev. 03/2016 - EN

C € 0044