

## MAIN FEATURES

- Touch Screen User Interface
- Flow Control
- Vaporizer Mount
- Breathing System
- Sub-frame with 2 drawers



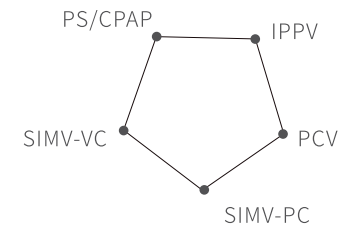
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[www.heyermedical.de/en/products/pasithec](http://www.heyermedical.de/en/products/pasithec)



## EXCELLENT VENTILATION MANAGEMENT

Comprehensive ventilation modes ensure flexibility in the different anesthetic phases



Spirometry loops and waveforms make it more intuitive on showing the ventilation effectiveness.

The system monitors the EtCO<sub>2</sub> values and adjusts the parameter to maintain the set EtCO<sub>2</sub> target values (optional).

heyer\_PASITHEC-ECO\_Brochure\_EN-1\_CRev-2

# PASITHEC ECO

## Anesthesia Workstation



ANESTHESIA

## The economical understanding of modern anesthesia

The Pasithec ECO is a cost-effective, mobile anesthesia workstation. The different ventilation provide numerous possible treatment options to anaesthetists. Low-flow techniques minimize gas and anesthetic agent consumption for economical day-to-day operation.



CE 0123

## Compact Construction

The compact construction concept fulfills most individual situations in OR's.

- Comprehensive ventilation modes
- Minimal tidal volume of 20 ml for pediatric use from 3kg on
- Display of Loops

heyer medical has developed the Pasithec ECO anesthesia workstation in compliance with the highest European regulation (Medical Device Regulations) and ISO 13485 quality standards in Germany.



### User Interface

The highly flexible 8" color display ensures a simple and quick access and control of all ventilation parameters and functions. It is operated by a navigator knob and touch keys for frequently used functions. Ventilation modes: IPPV, PCV, PS, SIMV, MANUAL – displayed in WAVES or LOOPS.



### Flow Control

Flowmeters for AIR, Oxygen and Nitrous Oxide provide an accurate flow control. The build-in auxiliary O<sub>2</sub> flowmeter enables the supply of Oxygen for additional patient applications.



### Beathing Unit

The aluminum parts of the Breathing Unit are easy to reprocess and to clean.

An integrated Fresh Gas Compensation ensures a consistent tidal volume in case of changing fresh gas flow rates. The Automatic Compliance Compensation provides accurate tidal volumes with a wide range of breathing circuits.

### Vaporizer Mount

The vaporizer mount takes up to two Selectatec®-compatible vaporizer.

## TECHNICAL SPECIFICATIONS

### Physical & Environmental Specifications

Dimensions (H x W x D)	1356 x 845 x 620 mm
Weight (basic unit)	110±5kg (without vaporizer & cylinders)
Storage temperature	-20°C - +55°C
Operating temperature	+10°C - +40°C
Storage rel. humidity	< 93%

### Electrical Specifications

Power supply	100 - 240 VAC, 50/60 Hz
Battery	DC 24V, minimum 120min
Mains outlet	3

### Pneumatic Connection Data

Gas supply	0.28 - 0.6MPa
Flowmeters (basic config)	O <sub>2</sub> : 0 - 1L/min; 1 - 10L/min N <sub>2</sub> O: 0 - 1 L/min; 1 - 10L/min
Flowmeters (full config)	O <sub>2</sub> : 0 - 1L/min; 1 - 10L/min
Cylinders (optional)	N <sub>2</sub> O: 0 - 1 L/min; 1 - 12L/min Air: 0 - 1 L/min; 1 - 15L/min
Gas system	O <sub>2</sub> supply failure alarm O <sub>2</sub> supply failure protection O <sub>2</sub> flush: 25 - 75L/min
Working mode	Closed, Semi-closed, Semi-open
Driven mode	Pneumatically driven and electronically controlled
Safety valve	≤10kPa
Operating mode	Man. / Vent.
Cylinder yokes	Optional

### Ventilator Specifications

Patient type	Adult, child
Ventilation modes (basic config)	IPPV, PCV, SIMV-VC, Manual PS/CPAP (with apnea backup), Standby
Ventilation modes (full config)	IPPV, PCV, SIMV-VC, SIMV-PC, Manual, PS/CPAP (with apnea backup), Standby
Setting	Navigator knob & touchscreen
Tidal volume	20 - 1500 ml
Ventilation frequency	2 - 100bpm
Electronic PEEP	OFF, 3 - 30cmH <sub>2</sub> O
Inspiratory plateau	OFF, 5 - 60%
Flow trigger	1 - 15L/min
Pressure range	5 - 70cmH <sub>2</sub> O
Pressure support	3 - 50cmH <sub>2</sub> O
Ventilation Monitoring	Pressure: Ppeak, Pplat, Pmean, PEEP
Volumes	MV, Vt Respiratory frequency Compliance, etc.
Gas Monitoring	O <sub>2</sub> , CO <sub>2</sub> , Agent (All optional)
Graph display (basic config)	P-t, F-t, V-t waveforms
Graph display (full config)	P-t, F-t, V-t waveforms, P-V and F-V loops High/Low Airway Pressure High/Low Minute Volume High/Low FiO <sub>2</sub> (when FiO <sub>2</sub> function is enabled)
Alarm	Power failure, O <sub>2</sub> Supply failure, Apnea, etc.

### Vaporizer

Support 2 vaporizers (Selectatec® with interlock)
Optional additional 1 vaporizer holder
Agent type: Halothane, Enflurane, Isoflurane, Sevoflurane
Filling type: Pour-fill, Key-fill, Quik-fill®

Remark: Above configurations include standard and option. Please check price with your heyer sales representative

