

AG70

Larger, Smarter, Easier, Safer



 **heyer**

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A brand-new era of heyer coming from past, innovated from last. The high-end anesthesia workstation launched for both clinicians and patients to have a better experience perioperatively.

- Strong and advanced clinical tools, functions and parameters such as lung protective ventilation, anesthesia depth monitoring, diverse ventilation modes and induction, resuscitation tools to help clinicians get a better working experience also give patients a better outcome
- New ergonomic design balanced UI operating experience and clinical requirement
- Volume reflector breathing system, reducing the system capacity, ensures a faster response of agent concentration changing
- 18.5" high resolution touch screen for a more intuitive observation with showing more clinical information
- Gas-electricity isolated design for a clean, tidy and safe OR environment

Technical Specifications

BASIC UNIT		
Dimensions(H*W*D)	1405*870*760mm	
Weight and load	Excluding vaporizers	110kg
	Including vaporizers	130kg
	Work surface load	25kg
Caster locking	Braking type	125mm, Central brake system
Power and battery backup	Power input	AC 100~240 V, 50/60 Hz
	Power output	4 sockets, 1.5A individual
	Battery and operation time with fully charged Lead-acid, 90 min	
ANESTHESIA GAS SUPPLY MODULE		
Gas supply	O ₂ , N ₂ O, Air; 280~600kPa	
Cylinder yokes	Optional: O ₂ , N ₂ O, Air	
Flowmeter	Electronically controlled mixer	
Range of flowmeter	0~19L/min or set each gas independently: O ₂ , N ₂ O: 0~10L/min; Air: 0~12L/min	
O ₂ flush	25~75L/min	
Auxiliary common gas outlet (ACGO)	Standard	
Anesthetic Gas Scavenging System (AGSS)	Optional	
Vaporizer	Agent	Sevoflurane, Halothane, Enflurane, Isoflurane
	Installation mode	Selectatec with interlock
	Filling type	Pour-fill, Key-fill, Quik-fil
Breathing system	Type	Volume reflector
	Volume of CO ₂ absorber	1.5L for single canister
	APL range	Spontaneous breathing (SP)~70 cmH ₂ O
	Heating system	32~40°C
	CO ₂ bypass	Optional

VENTILATOR OPERATING SPECIFICATIONS		
Ventilator	Pneumatically driven, Electronically controlled	
Ventilation modes-standard	Manual/Spontaneous	
	Volume control (VCV)	
	Pressure control (PCV)	
Ventilation modes-optional	Pressure Controlled Ventilation Volume Guaranteed (PCV-VG)	
	Synchronized Intermittent Mandatory Ventilation in Volume (SIMV-VC)	
	Synchronized Intermittent Mandatory Ventilation in Pressure (SIMV-PC)	
	Synchronized Intermittent Mandatory Ventilation in PCV-VG (SIMV-VG)	
	Pressure Support (PS) / Continuous Positive Airway Pressure (CPAP)	
	Bilevel Positive Airway Pressure Ventilation (BIVENT)	
	Airway Pressure Release Ventilation (APRV)	
	Volume Support Ventilation (VSV)	
Control input ranges	Respiratory rate (Freq.)	2~100 bpm
	Positive end Expiratory pressure (PEEP)	OFF, 3~50 cmH ₂ O
	Inspiration/expiration (I:E)	4:1~1:8
	Tidal volume (Vt)	10~1500 ml
	Inspiratory time	0.2~5.0 s
	Inspiratory pressure (P _{TARGET})	5~70 cmH ₂ O
	Pressure support level (ΔP)	3~60 cmH ₂ O
	Pressure limit (P _{MAX})	10~100 cmH ₂ O
	Trigger	0.5~15 L/min / -20~-1 cmH ₂ O
	Inspiratory slope time (T _{SLOPE})	0.2~2 s
Compensation	Compliance and leakage compensation, fresh gas compensation, altitude compensation	
Ventilator monitoring & alarm		
Monitoring	Vt, MV, Freq, Ppeak, Pmean, Pplat, DP, SI, FiO ₂ , FiCO ₂ , EtCO ₂ , PEEP, Battery status display, Pressure waveform (Paw), Flow rate waveform (Flow), Volume waveform (VT), EEG waveform, Agent waveform, CO ₂ waveform	
	Medical gas calculation	
Screen	18.5" TFT color touch screen	
Graph display	Waveforms of P-t, F-t, V-t, EEG, Agent, CO ₂ ; loops of P-V, V-F, P-F, V-CO ₂	
Alarm	Excessive leakage, Low oxygen source pressure, High air source pressure, High airway pressure, Low oxygen concentration, Excessive output tidal volume, High concentration of N ₂ O inhaled, High concentration of ISO/SEV/ENF/HAL/DES inhaled, persistent high airway pressure, Bypass mode started(1 minute), Apnea, etc.	
Alarm logging	500 items	



CORPORATE HEADQUATER

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