



Physical Specifications

Size	Docking Station: 45 x 40 x 25 cm. Ventilator Module: 15 x 40 x 15 cm Monitoring Module: 7.4 x 40 x 14.5 cm Defibrillator Module: 7 (Slim Version) / 8.5 (Paddles Version) x 40 x 15 cm
Weight	With Slim Version: 12.95 kg (DS: 6.40 kg + VM: 3.11 kg + MM: 1.72 kg + DM: 1.72 kg) With Paddles Version: 13.09 kg (DS: 6.40 kg + VM: 3.11 kg + MM: 1.72 kg + DM: 1.86 kg)
Display	15.6 inches, Full HD

Performance Specifications

Patient groups	Preterm neonates to adults (from 300 g of weight)
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	Ventilator	Monitor	Defibrillator
Modes	VC, PC; VC-CMV, VC-AGC, VC-SIMV, PC-CMV, PC-AGC, PC-SIMV+, PC-BIPAP, SPN-CPAP, VC-MMV, PC-APRV, PS, NIV, nCPAP	ECG -Leads -Waveforms -Measurements	Electrodes Waveforms Display ECG Sweep speed Diagnostic software Pulse Form Energy & protocol
Oxygen Therapy	Yes (up to 80 l/min)	3,5, 10 Up to 12 HR, Arrhythmia, ST segment	Up to 12 12.5, 25, 50 (mm/sec)
Cuff pressure control	Yes	Hannover ECG System	Hannover ECG System
Leakage	Yes (Manual and Automatic)	Diagnostic Software Printer	Biphasic energy-triggered
Compensation		Real time, reports (Standard - Cabrera)	0,5-200 J, configurable energy protocol
Waveforms / Loops	4 waveforms – 4 loops	NIBP Modes	Function Modes
Functions and Maneuver	Nebulizer, manual breath, O ₂ flush, standby, sigh, apnea backup, tube compensation, inspiratory hold, expiratory hold, intrinsic PEEP calculation. Weaning assessment maneuvers: NIF, P0.1	Systolic, Diastolic, MAP, PR, Cuff pressure	AED, Defibrillation, Pacer, Monitor
Nebulizer options	Pneumatic and Ultrasound	IBP	Pacing modes
Air Source Backup	Yes (Air, O ₂ and turbine drives)	Temperature	Impedance compensation
Capnography	Yes (Sidestream - Mainstream)	Capnography	Time limit
Gas Analysis	Yes	Gas Analysis	Feedback
CMV rate	1 - 180 b/min	Pulse Oximetry	Assistance
Tidal Volume	2 -3000 ml	Basic Parameters	Modularity
PEEP/CPAP	0 – 50 cmH ₂ O	Optical Parameters	Yes
Oxygen	21 - 100%	SpCO, SpMet, SpHb, SpOC, ORI, PVI	Metronome
I:E ratio	1:1 – 4:1		Yes
Inspiratory Time	0.2 – 15 s		
Trigger	20 - -0.5 cmH ₂ O (pressure) 0.1 - 20 l/min (flow)		
Pressure support	0 – 50 cmH ₂ O		
Oxygen consumption	300 to 600 kPa		
Main patient outlet	ISO 22 mm male		
Air and oxygen inlets	NIST		

Environmental Specifications

Operation conditions	-20 to +50 °C, 35-75% non-condensing humidity. Altitude: Up to 4,000 m
Storage conditions	-10 to +50 °C. 35-75% non-condensing humidity
Protection degree	IP54

Electrical and Power Management Specifications

Type of protection against electric shock	Class II
Input Voltage	100-240 VAC
Power Consumption	Max. 210 VA
Batteries / Operation time	2 (Li-Ion), hot-swappable / Approx. 6 h

Additional Specifications

Available Connections	DVI, USB, SIM, Bluetooth, Ethernet, WLAN
Applicable Standards	ISO 13485:2003, ISO 14971:2012, IEC (IEC 60601-1:2005; EN 60601-1:2006) and EN 60601-1-11:2010), IEC 60601-1-2, EN 80601-2-12, EN 80601-2-55, IEC 60601-1-2, EN 60601-2-27 / EN 80601-2-30, EN 60601-2-34, EN 80601-2-49, EN 80601-2-56, EN 80601-2-61, EN 60601-2-4