

Midmark IQvitals®

Technical Specifications

Features					
Usage	Non-invasive, multi-parameter vital signs device				
Data	Quick, easy entry and viewing of all vital signs data in one location				
Windows® based platform	Flexible, easy to upgrade software for the life of the product				
Display	High resolution for optimal viewing and control. 7" VGA TFT LCD display with LED backlight and resistive touch screen				
Internal Battery	Vital signs can be captured continuously and quickly without plugging in				
100-reading memory	Easy for recall, printing or download of patient data				
Multiple mounting options	Flexibility to meet different workflow needs; mobile cart, wall mount, table top mount, IV pole mount				
Connection	USB or serial connections standard				
Digital scale	Supports the Midmark 625 Barrier-Free® Examination Table with IQscale™, Fairbanks® TeleWeigh™ scale and Health o meter® digital scales <i>(Note: Health o meter® digital scales require connection to a computer with IQmanager® software)</i>				
Warranty	Two (2) years for IQvitals®, one (1) year for blood pressure cuffs and SpO ₂ sensor, 90 days for other accessories included with kit				
Safety Parameters					
Type of Protection (Electrical)	Class II				
Degree of Protection (Electrical)	Type BF				
Degree of Protection (Water)	IPX1. Protection against dripping water.				
Degree of Safety (Flammable Anesthetic Mixture)	Not suitable for use in the presence of a Flammable Anesthetic Mixture				
Disinfecting Method	Per the instructions in the Cleaning section of the Operation Manual				
Environmental Specifications					
Operating Temperature	32 to 104° F (0 to 40° C) (For patient temperature measurement: 61 to 91° F (16 to 33° C))		Storage Temperature	-4 to 140° F (-20 to 60° C)	
Operating Altitude	0 to 15,000 feet		Storage Altitude	0 to 40,000 feet	
Operating Humidity	15 to 95% non-condensing		Storage Humidity	15 to 95% non-condensing	
EMC Standard	Per IEC 60601-1-2 and FCC Part 15 (Emissions Class B)				
Physical Characteristics					
Weight	3.9 lb (1.77 kg)		Dimensions	4 in. (W) x 10.5 in. (L) x 7 in. (H), 10.16 cm. x 17.78 cm. x 26.67 cm.	
Power (unit)	Simultaneously operates and charges device when AC power is plugged in; low power indicator; automatic shutdown on low power		Power (battery)	Battery: rechargeable 10.8 V lithium ion battery; 4 hours to fully charge, 3 hours for 95% charge; operates 8 hours on full charge	
Non-Invasive Blood Pressure			Temperature	Pulse Oximetry (SpO ₂) Specifications	
Method	Oscillometric		Probe Type	Alaris® Turbo Temp®	
Cuff	Infant, Child, Small Adult, Adult, Adult Long, Large Adult, Large Adult Long, and Thigh		Measurement Scale	Fahrenheit(F), Celsius(C)	
			Measurement Type	Oral and Axillary	
Derived Parameters	Systolic, Diastolic and Mean Arterial Pressure (MAP)		Measurement Range	Report Interval	
Measurement Range	Systolic: 30 to 250 mmHg, Mean: 20 to 230 mmHg, Diastolic: 10 to 210 mmHg				Oral: 95 to 106°F (35 to 41° C) Axillary: 95 to 106° F (35 to 41° C)
Measurement Accuracy	Systolic: ±5mmHg, Mean: ±5mmHg, Diastolic: ±5mmHg		Measurement Accuracy	±0.2° F (±0.1° C)	Measurement Range
Pulse Rate Accuracy	±5% or ±2 BPM, whichever is greater		Measurement Time (seconds)	Predictive Oral: 8-10 Axillary: 13-20	
Pulse Rate Range	30 to 240 BPM	Initial Cuff Pressure			User-selectable
					SpO ₂ : 70 to 100%: ±2%, PR: ±5%

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For additional product information, contact Midmark Corporation at 1-800-624-8950, option 2.
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21-79-90000269 Rev. D



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