

Midmark Digital Vital Signs Device

TECHNICAL SPECIFICATIONS

Features			
Usage	Non-invasive, multi-parameter vital signs device		
Data	Quick, easy entry and viewing of 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, tabletop mount, IV pole mount		
Connection	USB		
Digital Scale	Supports the Midmark 626 Barrier-Free® Exam Chair with Midmark Digital Scale, Fairbanks® TeleWeigh™ scale or Health o meter® digital scales (Note: Health o meter digital scales require connection to a computer with IQmanager® software)		
Limited Warranty	Two (2) years for Midmark Digital Vital Signs Device, one (1) year for blood pressure cuffs and SpO ₂ sensor, 90 days for other accessories included with the kit		
Safety Parameters			
Type of Protection (Electrical)	Class I		
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°F to 104°F (0°C to 40°C) For patient temperature measurement: 61°F to 91°F (16°C to 33°C)	Storage Temperature	-4°F to 140°F (-20°C 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 (Emissions Class B)		
Physical Characteristics			
Weight	3.9 lb (1.77 kg)	Dimensions	4" W x 10.5" L x 7" 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 full 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)
Derived Parameters	Systolic and Diastolic Pressures and Mean Arterial Pressure (MAP)	Measurement Range	Oral/Axillary: 95°F to 107.6°F (35°C to 42°C)
Measurement Range	Systolic: 30 to 250 mmHg, Mean: 20 to 230 mmHg, Diastolic: 10 to 210 mmHg	Probe Measurement Accuracy	±0.2°F (±0.1°C)
Measurement Accuracy	Systolic: ±5 mmHg, Mean: ±5 mmHg, Diastolic: ±5 mmHg	Predictive Measurement Time (seconds)	Measurement Time Oral: 8–10, Axillary: 13–20
Pulse Rate Accuracy	±5% or ±2 BPM, whichever is greater	Predictive Measurement Accuracy	Oral/Axillary: Mean Difference: 0.06°F, Standard deviation: 0.38°F (relative to steady-state temperature)
Pulse Rate Range	30 to 240 BPM		

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For additional product information, contact Midmark Corporation at 1.844.856.1230, option 2.

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