

Avante Echo

Portable Vital Signs Monitor

Ultra-lightweight and portable with a 10 hour battery life

The accurate, cost-effective Avante Echo vital signs monitor is available in configurations with your choice of SpO₂, NIBP and Temperature. The portable monitor has multi-parameter functionality suited for out-patient care and doctor's offices.

FEATURES

- › Covidien Quick Temp Technology
- › 5.7 inch high resolution display for easy reading
- › Flexible configurations
- › Built-in rechargeable Lithium-ion battery for 10 hours of continuous working
- › Optional thermometer for obtaining temperature in approximately 15 seconds
- › Real-time parameters measurement display with trend table for easy reviewing
- › Bi-directional communications with central station by wired or wireless network
- › Suitable for adult, pediatric and neonatal patient
- › PR measurement (from SpO₂/ NIBP)
- › Optional Nellcor Oximax™
- › Optional recorder



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SPECIFICATIONS



Weight: 6.6 lbs (3 kg)



Dimensions:
7.9 x 9.49 x 7.44 in
(200.8 x 241 x 189 mm)

Display Size:
5.7 in

Record Width:
1.89 in (48 mm)



Power Supply:
100-240 VAC, 50/60Hz

Battery Type:
Lithium-ion

Voltage:
14.8 V DC

Capacitance:
4,400 mAh



Color TFT Resolution:
640X480

Working Period:
Color TFT 480min

Rechargeable Period:
< 360min

Thermal Recorder:
Optional

NIBP

Method: Oscillometric	Cuff Pressure measuring Range: 0~290mmHg
Mode: Manual, Auto, Continuous	Pressure Resolution: 1mmHg
Measuring Interval in AUTO Mode: 1/2/3/4/5/10/15/30/60/ 90/120/240/480 Min	Maximum mean error: 5mmHg
Continuous: 5min, interval is 5s	Maximum Standard deviation: 8mmHg
Measuring Type: Systolic Pressure, Diastolic Pressure, Mean Pressure, Measuring Range	Entire Measuring Period: 30~45s typical (depend on HR/motion disturbance)
Adult Mode: SYS: 40~270mmHg DIA: 10~215mmHg MAP: 20~235mmHg	Dual Overpressure protection: Adult: 297 3mmHg Pediatric: 240 3 mmHg Neonatal: 145 3mmHg
Pediatric Mode: SYS: 40~200mmHg DIA: 10~150mmHg MAP: 20~165mmHg	PR: Measuring Range: 40~240bpm Resolution: 1bpm Accuracy: 3bpm or 3% of the maximum IEC 60601-2-30
Neonatal Mode: SYS: 40~135mmHg DIA: 10~100mmHg MAP: 20~110mmHg	

SpO₂

Resolution: 1%	Alarm Range: 0 ~ 100 %
Accuracy: Adult (including Pediatric): 2% (70%~100% SpO ₂) Undefined (0~70% SpO ₂) Neonate: 3% (70%~100% SpO ₂) Undefined (0~70% SpO ₂)	Pulse Rate: Measuring and Alarm Range: 30 ~ 300bpm Resolution: 1bpm Accuracy: 3bpm Data update period: 2s ISO 9919
Measuring Range: 0 ~ 100 %	