Avante Waveline Touch
Patient Monitor

User-friendly, touchscreen monitor

The fully-functional Waveline Touch features a 12.1” color TFT display with a touch-screen interface. It features multi-lead ECG monitoring, ST segment monitoring and 72 hours trend data analysis.

FEATURES

› Masimo SET® Pulse Oximetry — ask your Avante representative for details
› EtCO2 Option allows compliance with ASA
› 12.1” color TFT display with a touch-screen interface
› Multi-lead ECG monitoring
› NIBP list display
› OxyCRG dynamic view display
› Compact design convenient for mobile monitoring
› Multi-lingual settings
› Built-in thermal recorder
› Networkable with a central monitoring system via a wireless or wired network
› S-T Segment and 72 hours trend data analysis
› Drug dose calculations
› Optional Plug-In Anesthesia Gas Module expands measurement capabilities
› Built-in battery (optional)

SPECIFICATIONS

Weight: 11 lbs (5 kg)
Height: ~11”
Width: ~12.6”
Depth: ~6.2”

TFT Touchscreen Display: 12.1”

Source: External AC power or internal battery

AC Power: 100 - 240VAC, 50/60Hz, <150VA

Battery: Rechargeable Lead-Acid

Operating Time: 1 hour
Performance

Trace: 4, 6 or 8 waveforms ECG (I, II, III, aVR, aVL, aVF, V1-V6), PLETH, RESP, IBPx2, ETCO2
Indicator:
- Alarm indicator
- Power indicator
- QRS beep and alarm sound

ECG

Input: 3-lead ECG cable and standard AAMI line for connection
Lead Choice: I, II, III, aVR, aVF, aVL, V
Gain Choice: x0.5, x1.0, x2.0
Frequency Characteristic: 0.05-40 Hz
ECG Waveforms: 7 channels
Penetration Voltage: 4000VAC 50/60Hz
Trend Time: 72 hours
Recorder:
- Built-in, thermal array, 2 channels
- Record width: 48mm
- Recorder paper: 50mm
- Record speed: 25mm/s, 50mm/s

Sweep Speed: 12.5, 25 and 50 mm/s
HR Display Range: 30 - 300bpm
Accuracy: ±1bpm or ±1%, whichever is greater
Alarm Limit Range Setting:
- Upper limit 80 - 400bpm
- Lower limit 20 - 150bpm
Input - (Optional): 5-lead ECG cable and standard AAMI line for connection

Masimo SET SpO2

SpO2 Accuracy (non-motion):
- Adult Pediatric: 70–100% ± 2%, 0–69%: unspecified
- Neonate: 70–100% ± 3%, 0–69%: unspecified
SpO2 Accuracy (motion):
- Adult Pediatric: 70–100% ± 3%, 0–69%: unspecified
- Neonate: 70–100% ± 3%, 0–69%: unspecified
SpO2: ±2 %
PR: ±3 bpm
Modes:
- Averaging mode: 2,4,8,10,12, 14 and 16s
- Sensitivity: Normal, APOD and Maximum
PR Accuracy (non-motion):
- Neonate: 70–100%: ± 3%, 0–69%: unspecified
- Adult Pediatric Neonate: 25–240 bpm ±3 bpm
PR Accuracy (motion):
- Adult Pediatric Neonate: 25–240 bpm ±5 bpm
Measuring Range:
- SpO2: 1–100%
- PR: 25–240 bpm
- Perfusion: 0.02–20 %
Low Perfusion Performance:
- >0.02 % Pulse Amplitude and % Transmission >5

NIBP (Suntech)

Measuring Technology:
- Automatic oscillating measurement
Cuff Inflating: < 30s, 0-300 mmHg,
- Standard adult cuff
Measuring Period: AVE < 40s
Mode: Manual, Auto, STAT
Measuring Interval in AUTO Mode:
- Upper limit 6 – 120 rpm,
- Lower limit 3 – 120 rpm
Pulse Rate Range: 30 – 250 (bpm)
Resolution: 1mmHg
Overpressure Protection:
- Adult Mode: 280 (mmHg)
- Neonatal Mode: 150 (mmHg)
Alarm Limit Setting:
- Upper limit 50 – 240 mmHg,
- Lower limit 15 – 180 mmHg

RESP

Measure Method: RA-LL impedance
Range: 0 – 120 rpm
Sweep Speed: 12.5 and 25 mm/s
Alarm Limit Setting:
Range: 25° - 50° C
Display Resolution: 0.1°C
Accuracy: ±3°C
Alarm Limit Setting:
- Upper limit 50°C
- Lower limit 0 – 50°C
Channel: 2 channels

TEMP

Range: 25° - 50° C
Accuracy:
- ±0.2°C (25.0 – 34.9°C)
- ±0.1°C (35.0 – 39.9°C)
- ±0.2°C (40.0 – 44.9°C)
- ±0.3°C (45.0 – 50.0°C)
Display Resolution: 0.1°C
Alarm Limit Setting:
- Upper limit 0 – 50°C
- Lower limit 0 – 50°C
Channel: 2 channels

Optional

EtCO2 and IBP