

DRE Waveline Touch

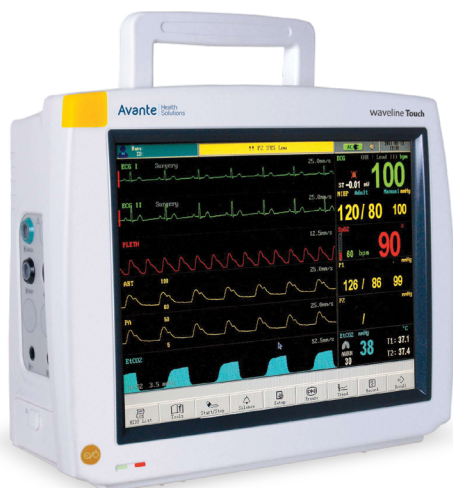
Patient Monitor

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 DRE 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

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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

Trend Time: 72 hours

Recorder:

- Built-in, thermal array, 2 channels
- Record width: 48mm
- Recorder paper: 50mm
- Record speed: 25mm/s, 50mm/s

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

Sweep Speed: 12.5, 25 and 50 mm/s

HR Display Range: 30 - 300bpm

Accuracy: ± 1 bpm or $\pm 1\%$, 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%: $\pm 2\%$, 0~69%: unspecified
- Neonate: 70~100%: $\pm 3\%$, 0~69%: unspecified

SpO₂ Accuracy (motion):

- Adult Pediatric: 70~100%: $\pm 3\%$, 0~69%: unspecified
- Neonate: 70~100%: $\pm 3\%$, 0~69%: unspecified

SpO₂: $\pm 2\%$

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%: $\pm 3\%$, 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: < 30 s-0-300 mmHg, standard adult cuff

Measuring Period: AVE < 40 s

Mode: Manual, Auto, STAT

Measuring Interval in AUTO

Mode: 2 min ~ 4 hrs

Pulse Rate Range: 30 ~ 250 (bpm)

Resolution: 1mmHg

Overpressure Protection:

- Adult Mode: 280 (mmHg)
- Neonatal Mode: 150 (mmHg)

Measuring Range:

- Adult/Pediatric Mode: SYS: 40 ~ 250 (mmHg) DIA: 15 ~ 200 (mmHg)
- Neonatal Mode: SYS: 40 ~ 135 (mmHg) DIA: 15 ~ 100 (mmHg)

Accuracy - Pressure:

- Maximum Mean error: ± 5 mmHg
- Maximum Standard deviation: 8mmHg

Alarm Limit Setting:

- SYS 50-240 mmHg,
- DIA 15-180 mmHg

RESP

Measure Method: RA-LL impedance

Range: 0 ~ 120 rpm

Sweep Speed: 12.5 and 25 mm/s

Alarm Limit Setting:

- Upper limit 6 ~ 120 rpm,
- Lower limit 3 ~ 120 rpm

Accuracy: ± 3 rpm

TEMP

Range: 25° - 50° C

Accuracy:

- $\pm 0.2^\circ\text{C}$ (25.0 ~ 34.9°C)
- $\pm 0.1^\circ\text{C}$ (35.0 ~ 39.9°C)
- $\pm 0.2^\circ\text{C}$ (40.0 ~ 44.9°C)
- $\pm 0.3^\circ\text{C}$ (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