

DRE Waveline Touch

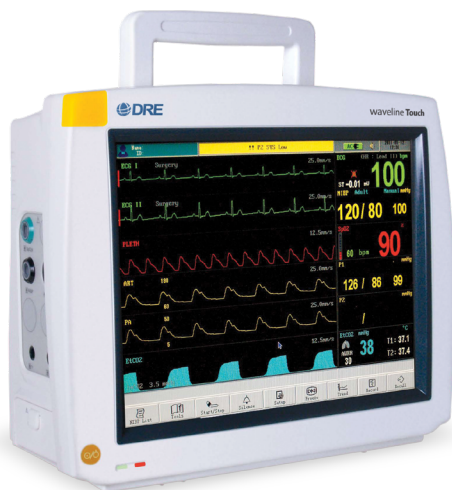
Patient Monitor

User-friendly touch-screen 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 Touch-screen 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 %: ± 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 16 s
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:
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