

DRE Waveline Pro

Anesthesia Monitor

Superior performance with a high-resolution touch-screen

The DRE Waveline Pro is a dependable, affordable touch-screen monitor that can accommodate a full range of acuity levels for all areas of patient care. It displays as many as eight colorful waveforms on a crisp 15" high resolution screen.

Features

- ✓ Masimo SET® Pulse Oximetry — ask your DRE representative for details
- ✓ Large (15"), touch-screen with high-resolution flat panel display
- ✓ Displays as many as eight waveforms
- ✓ Multi-lead simultaneous ECG monitoring
- ✓ Optional Integrated Dräger Anesthesia Gas Bench expands measurement capabilities
- ✓ Automatically set alarm limits
- ✓ Optional agent bench is compact and part of main unit. All in one monitor!
- ✓ Graphical and tabular trending
- ✓ Color-coded alarms
- ✓ Standby button
- ✓ Patient data entry
- ✓ Networking capability
- ✓ Works with EMR and wireless telemetry systems
- ✓ Large time stamp in upper right corner
- ✓ Volume and Sounds are adjustable and can be turned off completely
- ✓ Option to print Numerical Data Only
- ✓ Color of the waveforms can be changed
- ✓ Battery backup (two removable batteries)
- ✓ Available with a built-in thermal printer



SPECIFICATIONS



Weight:
17.6 lbs (8 kg)
(including anesthetic agents module and batteries)



Height:
12.1"
(309 mm)

Width:
14.4"
(365 mm)

Depth:
6.3"
(159 mm)

Touch-screen Display:
15"



Source:
External AC power
or internal battery

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

Battery:
Built-in and rechargeable
lithium ion

Operating Time:
3+ hours

90-2017-11-21

Performance

Trace: 8 waveforms

Indicator:

Alarm indicator
Power indicator
QRS beep and alarm sound

Trend Time: 1 - 72 hours

Recorder:

Built-in, thermal array, 3 channels
Record width: 48mm
Recorder paper: 50mm
Record speed: 25mm/s, 50mm/s

ECG

Input: 5-lead ECG cable and standard AAMI line for connection

Lead Choice: I, II, III, aVR, aVF, aVL, V, V1-V6, TEST

Gain Choice: x0.5, x1, x2, x4

Frequency Characteristic:
0.05 ~ 35 HZ (+3dB)

ECG Waveforms: 7 channels

Penetration Voltage: 4000VAC
50/60Hz

Sweep Speed: 12.5, 25, 50 and 100 mm/sec
(left to right or right to left)

HR Display Range: 30 ~ 300bpm

Accuracy: ±1bpm or ±1%, whichever is greater

Alarm Limit Range Setting:
Upper limit 100 ~ 200bpm,
Lower limit 30 ~ 100bpm

NIBP

Measuring Technology:
automatic oscillating measurement

Cuff Inflating: <30s
(0 ~ 300 mmHg, standard adult cuff)

Measuring Period: AVE<40s

Mode: Manual, Auto

Measuring Interval in AUTO Mode:
2 min ~ 4 hrs

Pulse Rate Range: 30 ~ 250 (bpm)

Measuring Range:

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

Accuracy:

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

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, Cardiac Output, and Anesthetic Agents

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

RESP

Measure Method: RA-LL impedance

Range: 0 ~ 120 rpm

Sweep Speed: 12.5, 25, 50 and 100 mm/sec (left to right or right to left)

Alarm Limit Setting:

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

Accuracy: ±3 rpm

IBP

Measurement Range:
-50 ~ 300mmHg

Channel: 2 channels

Pressure Transducer: sensitivity,
5ÅµV/V/mmHg

Transducer Sites: ART, PA,CVP, RAP, LAP, ICP

Unit: mmHg/kPa selectable

Resolution: 1mmHg

Accuracy: ±1mmHg or ±2%,whichever is greater

Alarm Range: -10 ~ 300mmHg

Impedance Range: 300 ~ 3000Ω

Networking

Industry standard 802.11b/g wireless network