

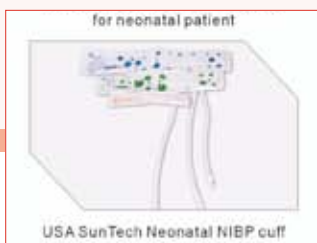
APM-400

MULTI-PARAMETER PATIENT MONITOR

The flexible and intuitive **ACENDIS APM-400** is suitable for adult, pediatric and neonate patients. This patient monitor shows all relevant physical parameters, such as ECG, NIBP, SpO₂, resp and temp. The patient monitor can display a maximum of eight waveforms and show all parameter information monitored on the same screen.

OVERVIEW

- 8" high resolution colour TFT LCD display
- 10 minutes one important lead's ECG waveform reviewing
- Sound & light alarming
- 72 hours of trend data storage & reviewing
- 750 groups NIBP measurements
- 1000 groups alarm events reviewing
- Replaceable battery



NEONATAL MONITOR ACCESSORIES

OPTIONS

- Support for nurse call, built-in recorder, wireless or wired networking
- Nellcor™ Pulse Oximetry SpO₂
- Massimo SET® Pulse Oximetry
- SunTech Advantage neonatal NIBP technology



**VARIOUS CLINICAL
MOUNTING SOLUTIONS**

TECHNICAL SPECIFICATIONS

GENERAL

SIZE AND WEIGHT

- Size: 285 mm x 210 mm x 180 mm
- Weight: 3.5 kg

DISPLAY

- 8" Colour TFT-LCD
- Resolution: 800 x 600 pixels or higher

POWER SUPPLY

- Power Voltage: AC 100 – 240 V 50 / 60 Hz
- Power Input: ≤ 70 VA
- Safety class: Category I

BATTERY

- Type: Rechargeable Lithium Battery
- Charge Time: ≤ 6 hours
- Operating Time under the Normal Use & Full Charge: ≥ 300 minutes

THERMAL RECORDER (OPTION)

- Method: Thermal dot array
- Paper Width: 50 mm (1.97 in)
- Paper Speed: 12.5 / 25 / 50 (mm / sec)
- Traces Maximum: 3 tracks

SYSTEM OUTPUT

- Ethernet Network Standard RJ45 Socket
- RF Wireless LAN: 433 MHz, 10 mW (option)
- Defibrillation Output: Option
- Video Output: Option

ALARM

- Three Level: Low, medium & high
- Indication: Auditory and visual
- Setup: Default and custom
- Silence: All alarms can be silenced
- Volume: 45 ~ 85 dB measured at 1 meter

TREND

- Store & Review: 120 hours trend data & trend maps
- Parameter Option: HR, SpO₂, NIBP, PR, Resp, CO₂, Temp1, Temp2, ST
- Cycle Intervals of Trend Storage: 1 min, 2 min, 3 min, 4 min, 5 min, 10 min, 15 min, 20 min, 25 min, 30 min

STORE & REVIEWING

- ECG: 10 minutes one important lead's ECG waveform
- Alarm: 1000 groups alarm events reviewing
- NIBP: 750 groups NIBP measurement
- Arrhythmia: 128 groups data (8 seconds ECG waveforms)
- Power-off Storage: 72 hours trend data & 1 ECG wave form (option)

ENVIRONMENT

- Working Temperature: 0 ~ +40 °C
- Transportation and Storage Temperature: -20 ~ +55 °C
- Relative Humidity: Working: ≤ 85 %
Transportation and Storage: ≤ 93 %
- Atmospheric Pressure: Working: 700 ~ 1060 hPa
Transportation and Storage: 500 ~ 1060 hPa

PERFORMANCE

ECG

- Mode: 5-leads (standard); 3-leads
- Lead Selection: I, II, III, aVR, aVL, aVF
- Gain: AUTO, x0.25, x0.5, x1.0, x2.0, x4.0
- Insulation Breakdown Voltage: 4000 VAC 50 / 60 Hz
- Sweep Speed: 12.5 mm/s, 25 mm/s, 50 mm/s
- HR Range: 10 ~ 350 bpm
- HR Accuracy: ±1 % or ±1 bpm, whichever is greater

ST SEGMENT

- Measurement Range: -2.0 mV ~ 2.0 mV
- Resolution: 0.01 mV

RESP

- Method: Impedance variation between RA-LL (R-F)
- Measurement Range: 0 ~ 150 rpm
- Accuracy: ±2 rpm
- Gain: x1, x2, x4
- Sweep Speed: 6.25 mm/s, 12.5 mm/s, 25 mm/s

TEMP

- Measurement Range: 0.0 ~ 50.0 °C
- Unit: Celsius (°C), Fahrenheit (°F)
- Accuracy: ±0.1 °C (exclusive of probe)
- Connecting Cable: Compatible with YSI-400

MASIMO SET SpO₂

- Measurement Range: 0 ~ 100 %
- Accuracy: At 70 ~ 100 %, ±3 %
At 0 ~ 69 %, unspecified
- PR Range: 25 ~ 240 bpm
- PR Accuracy: ±3 bpm (non-motion conditions)
±5 bpm (motion conditions)

SUN TECH ADVANTAGE NIBP

- Technique: Automatic oscillometry
- Range: Neonate: 40 ~ 130 mmHg
- Transducer Accuracy: ±3 mmHg over full range in operating conditions
- Unit: mmHg, kPa
- Pulse Rate Range: 30 ~ 220 bpm
- Pulse Rate Accuracy: ±3 bpm or ±2 % whichever is greater

EtCO₂ (OPTION, MICROSTREAM)

- Range: 0 ~ 19.7 % (0 ~ 150 mmHg)
- Unit: %, mmHg, kPa
- Respiration Rate Range: 2 ~ 150 bpm

EtCO₂ (OPTION, MAINSTREAM)

- Range: 0 ~ 19.7 % (0 ~ 150 mmHg)
- Unit: %, mmHg, kPa
- Respiration Rate Range: 0 ~ 150 bpm

STANDARD CONFIGURATION

ECG, HR, RESP, SunTech Advantage NIBP, Masimo SET SpO₂, PR, TEMP, Lithium Battery

OPTION

2-TEMP, Recorder, EtCO₂ (Micro Stream, Main Stream), Nellcor SpO₂, Multi-Gas (Side Stream, Main Stream)

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FOCUSING

On The Most Vulnerable



ACENDIS APM-400
NEONATAL MONITORING SOLUTION