

Main Unit of AcuitSign M5

- Display: 15.6" TFT-LCD Color Screen Display (1920*1080dpi)
- Touch Screen: 15.6" Full Touch Screen
- 4 Standard Module Slots (Including 1 Multi-Parameter PMS or NMS Module Slot and 3 Separate Single Module Slots), 1 RJ45 Internet Socket, 1 HDMI Port, 4 USB Port, 1 Ground Socket, 1 AC Socket, 1 Lithium Battery(5200mAh)

Module Option

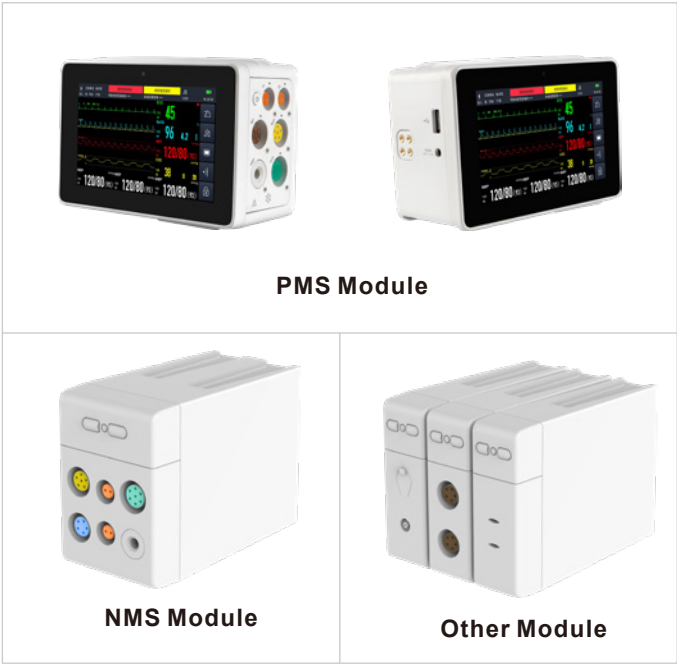
- PMS/NMS Module: 4 Types
- Other Modules:
2-IBP Module, Nellcor SpO2 Module, Masimo SpO2 Module, Sidestream EtCO2 Module or Mainstream EtCO2 Module, CO Module, AG Module, ICG Module, EEG Module, NMT Module

Suitable for

- OR, ICU(PMS: Transfer/Transport)



- Multi-measurement module PMS & NMS, small in Size, big in Capacity
- 5" full-touch color display and wireless networking come with the PMS Module
- Difference parameter configuration enables continuous monitoring of patient to ensure seamless information workflow



PMS&NMS Module List:

	RESP	2-TEMP	NIBP	SpO2	3/5 lead ECG	12 lead ECG
PMS/NMS1	√	√	√	√	√	
PMS/NMS2	√	√	√	√		√



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Version: V4.0

HD Touch Screen
Modular Patient Monitor
touching for life



AcuitSign M5

- 15.6" Color High Resolution Display with Full Touch Screen
- Unique Multi-measurement & Transport Module Design
- Advanced Modular Style with Powerful Wire or Wireless Networking
- Different Plug and Play High-end Parameters Available
- Powerful Graphic & Numeric Data Review function
- Up to 12 Channels of Waveform with Various Screen Layout
- Ultra Quiet Design Suitable for Night-time Operation



CE 0123

SINOHERO

Technical Specification

ECG

- Lead type: 3-lead: I, II, III
5-lead: I, II, III, aVR, aVL, aVF, V
12-lead: I, II, III, aVR, aVL, aVF, V1,V2,V3,V4,V5,V6
- Gain: 2.5 mm/mV, 5.0 mm/mV, 10 mm/mV, 20 mm/mV
- Scan speed: 12.5 mm/s, 25 mm/s, 50 mm/s
- HR: Measurement and alarm range:
Adult: 15 ~ 300 bpm
Pediatric/neonate: 15 ~ 350 bpm
Resolution: 1 bpm
Accuracy: $\pm 1\%$ or ± 1 bpm, whichever is greater
- ST-segment detection: Measurement and alarm range: - 2.0 mV ~ + 2.0 mV
Accuracy: - 0.8 mV ~ + 0.8 mV: ± 0.04 mV or $\pm 10\%$, whichever is greater
Other range: unspecified
- Arrhythmia analysis: 23 kinds
- Pacemaker: Yes

RESP

- Measurement mode: R-F (RA-LL) impedance
- Respiration rate: Measurement range:
Adult: 0 rpm ~ 120 rpm
Pediatric/neonate: 0 rpm ~ 150 rpm
Resolution: 1 rpm
Accuracy: 7 ~ 150 rpm, ± 2 rpm or $\pm 2\%$, whichever is greater;
0 ~ 6 rpm, unspecified
- Apnea alarm: 10 ~ 120 s, not alarm
- Scan speed: 6.25 mm/s, 12.5 mm/s, 25 mm/s, 50mm/s

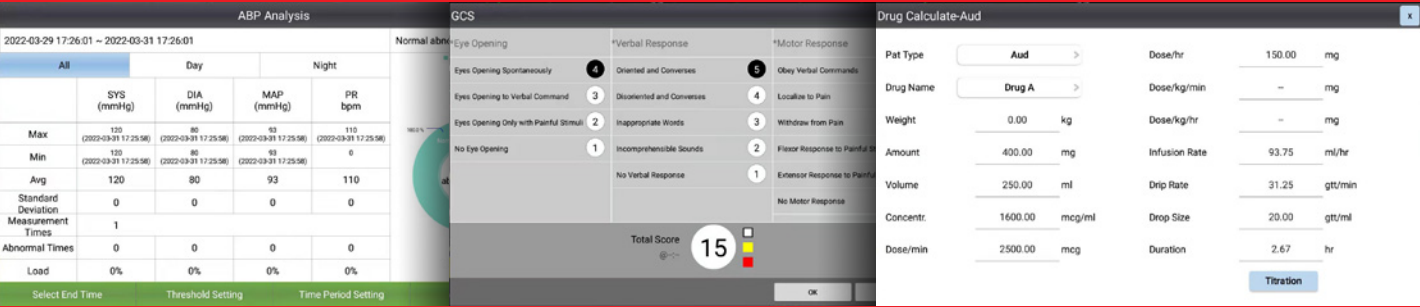
IBP

- Channel: 2-Channel or 4-Channel
- Label: ART, PA, CVP, RAP, LAP, ICP, P1, P2
- Measurement and alarm range: -50 ~ 300 mmHg
- Resolution: 1 mmHg
- Accuracy: $\pm 2\%$ or 1 mmHg, whichever is greater

PR

- Measurement and alarm range: 25 ~ 250 bpm
- Accuracy: ± 2 bpm or $\pm 2\%$, whichever is greater

Smart and Powerful function available



Analysis

CAA

Calculate

SpO2

- Measurement range: 0 % ~ 100 %
- Resolution: 1 %
- Accuracy: 70 % ~ 100 %, $\pm 2\%$;
0 % ~ 69 %, unspecified
- PR: Measurement and alarm range: 25 ~ 250 bpm
Accuracy: ± 2 bpm or $\pm 2\%$, whichever is greater

Nellcor SpO2(Optional)

- Measurement range: 1% ~ 100 %
- Measurement accuracy: 70 % ~ 100 %: $\pm 2\%$ (Adult / Pediatric)
70 % ~ 100 %: $\pm 3\%$ (Neonate)
0 % ~ 69 %: Unspecified
- Nellcor PR: Measurement range: 20 ~ 300 bpm;
Measurement accuracy: 20 ~ 250 bpm, ± 3 bpm;
251 ~ 300 bpm: Unspecified;
Upper limit of alarm: Upper limit - 2 ~ 300 bpm;
Lower limit of alarm: 20 bpm ~ lower limit + 2 bpm

Masimo SpO2(Optional)

- Measurement range: 1 % ~ 100 %
- Measurement accuracy: 70 % ~ 100 %: $\pm 2\%$ (Adult / Pediatric, Under conditions of no motion), $\pm 3\%$ (Under conditions of motion)
70 % ~ 100 %: $\pm 3\%$ (Neonate, under conditions of no motion)
1 % ~ 69 %: Unspecified
- Masimo PR: Measurement range: 25 ~ 240 bpm
Measurement accuracy: ± 3 bpm (Under conditions of no motion), ± 5 bpm (Under conditions of motion)
Upper limit of alarm: Upper limit - 2 ~ 240 bpm
Lower limit of alarm: 25bpm ~ lower limit + 2 bpm

Size and Weight

- Product size: 402*169*316mm
- Product weight: 4.7kg
- Carton size: 450*410*435mm

Power Supply

- Power supply: 100 - 240 V ~ 50/60 Hz
- Safety class: Class I, defibrillation-proof type CF applied part
- Waterproof degree: IPX2

NIBP

- Measurement mode: Oscillometry
- Working mode: Manual/AUTO/Continuous
- Measurement interval in AUTO mode: 1 min, 2 min, 2.5 min, 3 min, 5 min, 10 min, 15 min, 20 min, 30 min, 1 h, 1.5 h, 2 h, 3 h, 4 h, 8 h
- Measurement period in Continuous mode: 5 minutes
- Measurement and alarm range: 10 ~ 270 mmHg
- Resolution: 1 mmHg
- Cuff pressure accuracy: ± 3 mmHg
- Measurement accuracy: Maximal mean deviation: ± 5 mmHg
Maximal standard deviation: 8 mmHg
- Over-pressure protection: Adult mode: 297 ± 3 mmHg
Pediatric mode: 240 ± 3 mmHg
Neonatal mode: 147 ± 3 mmHg

TEMP

- Channel: 1 Channel or 2 Channel or 4 Channel
- Measurement range: 0 ~ 50 °C
- Resolution: 0.1 °C
- Accuracy: ± 0.1 °C

CO2

- Measurement mode: Mainstream or Sidestream
- CO2 measurement range: 0 ~ 150 mmHg
- CO2 resolution: 0.1 mmHg: 0 ~ 69 mmHg
0.25 mmHg: 70 ~ 150 mmHg
- Accuracy: 0 ~ 40 mmHg: ± 2 mmHg
41 ~ 70 mmHg: $\pm 5\%$
71 ~ 100 mmHg: $\pm 8\%$
101 ~ 150 mmHg: $\pm 10\%$
- AwRR measurement range: Sidestream: 2 ~ 120 rpm
Mainstream: 2 ~ 150 rpm
- AwRR accuracy: ± 1 rpm
- Apnea alarm: Yes

CO/AG

- More detail please refer to CO or AG specification

Sliding Screen Operation



Color 15 inch Full touch color screen, for your convenience all operation by touch only. It can also support different sliding screen operation.

Standard Configuration:

M Series Main Unit, PMS/NMS(1-2), Lithium Battery, WiFi

Module Option:

2-IBP Module, Nellcor SpO2 Module, Masimo SpO2 Module, Sidestream EtCO2 Module/Mainstream EtCO2 Module, CO Module, AG Module, ICG Module, EEG Module, NMT Module

Option Configuration:

Thermal Recorder, Wall Mount, Trolley