POOYANDEGAN RAH SAADAT CO.

We Monitor Life...

DESIGNER
&
PRODUCER
OF
ICU Ventilator
Patient Care Monitor
Wearable Monitor
Tele Cardiograph
Central Monitoring System
Electrocardiograph
Automated External Defibrillator
Brain Function Assessment
Digital Termometer
Blood Pressure Monitor

High Quality and Full Functionality

CE 2195
ISO 13485

www.saadatco.com

Alvand H *Patient Care Monitor* 19"
MASIMO SET.

Alvand H12 *Patient Care Monitor* 12"
MASIMO SET.

NEW

Alvand Series

Modules :
ECG/SPO2(Masimo)/NIBP/RESP/2TEMP/2IBP/EtCO2

Hemodynamic & Drug Calculation | OXY-CRG | Pump Page | Quick Startup | Alarm Recall | Multi Page | Trend | Detection and rejection of Pacemaker signals | Arrhythmia detection | PVC per minute | ST segment analysis for 12 Lead ECG signals | Event Log | Fanless and...

Options :
Touch Screen | Thermal Printer | 12 Lead ECG | 4IBP | Multigas Analyser | ICP | Cardiac Output | Bed to Bed | Dual SpO2 | Masimo Rainbow (PVI/SpHb/...) | PPV | Nurse Call | ECG Output | Brain Function Assessment |
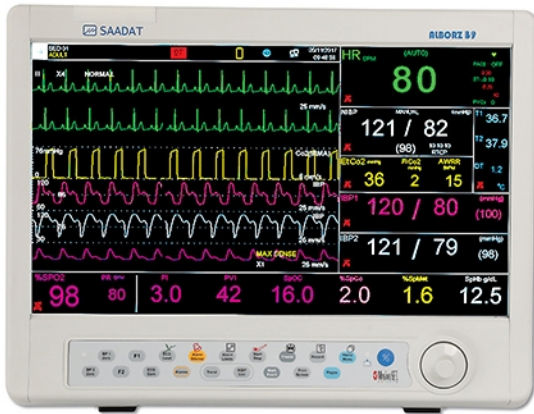

Alvand V *Patient Care Monitor* 19"
MASIMO SET.

Sahand Pro *Central Monitoring System* 24"

All in one system | Monitoring up to 32 Bedsides | Thermal Recorder/Printer | Supporting Keyboard and Barcode Scanner | Supporting Nurse Call | PACS | HIS | Printing and Recording 12-Lead ECG Signal | Export Data | Reviewing ST Analysis | 100 Screenshots and PDF Files | 1000 NIBP Records | 96 Hours Trend | 48 Hours Full Disclosure | Auditory and Visual Alarms and ...

Alborz B9 / Patient Care Monitor 18.5"
Masimo SET.

Modules :
ECG/SPO2(Masimo)/NIBP/RESP/2TEMP/2IBP/EtCO2

Options :
Touch Screen | Thermal Printer | 12 Lead ECG | BFA | 4IBP | Multigas Analyser | ICP | Cardiac Output | Bed to Bed | Dual SpO2 | Masimo Rainbow (PVI/SpHb/...) | PPV | Nurse Call | ECG Output

ZAGROS s / Patient Care Monitor 12"
Masimo SET.

Modules :
ECG/SPO2(Masimo)/NIBP/RESP/2TEMP/2IBP EtCO2

Options :
Touch Screen | Thermal Printer | 12 Lead ECG | BFA | 4IBP | Multigas Analyser | ICP | Cardiac Output | Bed to Bed | Dual SpO2 | Masimo Rainbow (PVI/SpHb/...) | PPV | Nurse Call

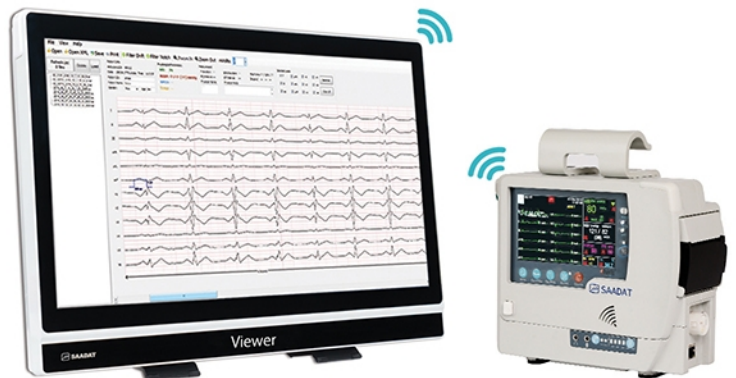### Aria / Portable Patient Monitor 5"
Masimo SET.

Modules :
ECG/SPO2(Masimo)/NIBP/RESP/ 2TEMP

- Operation with internal battery for 90 min and with the base battery for 6 hours
- Small and Lightweight Design (without base <800g)
- Quick Startup
- Touch Screen

Options :
Thermal Printer | BFA | 4IBP | EtCO2 | Wi-Fi | Masimo Rainbow (PVI/SpHb/...) |

Aria TC / Tele-Cardiograph 5"
Masimo SET.

Modules :
ECG 12 Lead/SPO2 (Masimo)/ NIBP/RESP/2TEMP/ Thermal Printer

- Arrhythmia detection software
- Operation with ambulance DC
- Sends vital signs to the medical center through 3G/4G
- Provides conversation between physician and the operator
- Ability to record 12- lead ECG signal with high accuracy
- Touch Screen

Options :
Wi-Fi | Masimo (PVI)
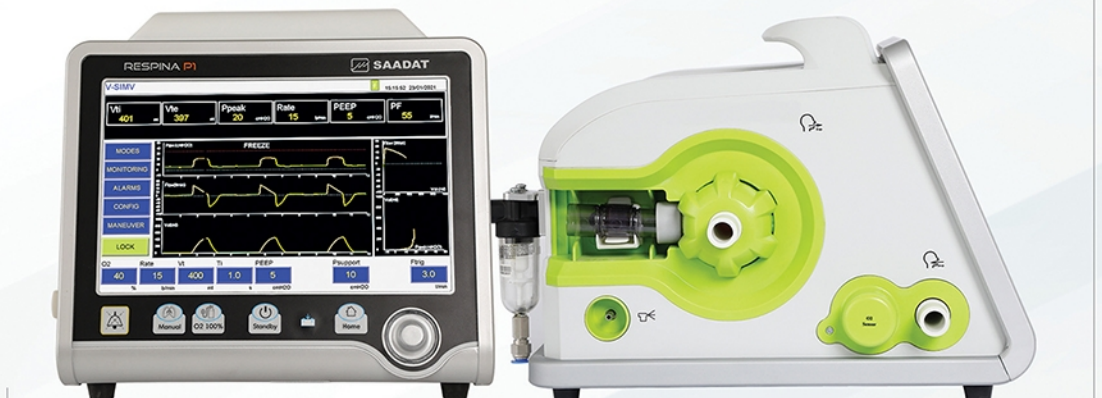
Respina P1 / ICU Ventilator 12.1"

- **High performance flow sensor, autoclavable and reusable**
- **Permanent oxygen sensor**
- **Input oxygen consentration measusement with compensation**
- **Gas supply: 1.3 to 6.0 bar** (clean, dry and Oil- free medical grade)
- **Smart APRV mode**
- **High flow Oxygen Thrapy (HFO)**
- **Respiratory Follow up to 250 L/min**
- **Dual control in the Breath**

- Volume and pressure controlled ventilation
- Invasive and non-invasive
- Smart user- friendly interface with touch screen color display
- Full range of ventilation features with graphs and numerical values
- Smart alarm system
- 72 hours trend storage
- IBW calculator provides a quick and safe start to ventilation
- Pediatric through adult (20-2600 ml Tidal volume)
- Automatic leak and compliance compensation
- Modern pressure and flow triggering
- Battery backup : 2h (up to 4h optional)

TFT 12.1" Wide | Volume Controlled: VCV, V-SIMV | Pressure Controlled: PCV, P-SIMV, PSV | Volume Targeted Pressure Controlled: PRVC-CMV, PRVC-SIMV, VSV | APRV | Assisted Control Mandatory Ventilation | Synchronized Intermittent Ventilation | Spontaneous Ventilation | Manual Breath | 100% Oxygen | Humidification Type: Humidifier/HME/Non | 2000 Events Log | Graphic Display: 2 Loops and 3 Curves | Maneuvers: P0.1, NIF, Insp. Hold, Exp.Hold, Suction Support | NIV On/ Off (PSV and P-SIMV) | Auto Tlow in APRV | Nebulizer | Automatic Leak Compensation | Dual Control in the Breath (VCV and V-SIMV) | EtCO2 (optional) and ...

Respimo M2 _Humidifier_

- Simple User Interface
- Clear visual indication of system settings
- Adjustable in Heater Wire and Non Heater Wire modes (Servo/Non-Servo)
- Provide moisture required for Non-Invasive patients (minimum 10 mg/L) and Invasive mode (more than 33 mg/L)
- Can be used for Adult, Child and Infants
- Display 2 temperature levels at the same time
- Temperature control for humidification chamber output and airway output
- Visual and auditory alarms

Fresh air to breathe

RespiAir A1 _Compressor_

With the characteristics, RESPIAIR A1 compressor provides a consistent, dry, clean and oil-free compressed air supply for medical ventilators. There is an ability of using the RESPIAIR A1 as an automatic backup for compressed air pipeline system of hospital.

- Persistent performance in all conditions
- Low power consumption
- Automatic removal of condensed water
- Automatic backup for compressed air central pipeline
- Low noise level

NEW

12 Channel ECG

Dena 1210 *Electrocardiograph* 10.1"

- Capacitive touch screen
- Simultaneous displaying and recording of 12 leads ECG waveforms
- High Resolution thermal recorder on 210mm paper
- Measurement and interpretation Glasgow program
- Data storage of 500 records and capability to review and print them (Save)
- Rechargeable Lithium Battery
- Connectable to External Printer (Optional)

6 Channel ECG

Dena 650 *Electrocardiograph* 5"

- Simultaneous displaying of 12 leads ECG waveforms
- High Resolution thermal recorder on 110mm paper
- Different modes of recording (Manual/ Auto/ Rhythm)
- Filter types: EMG, Drift, HUM (50/60 Hz), Low Pass
- Rechargeable Lithium Battery

1 Channel ECG
Dena 150

3 Channel ECG
Dena 350

Dena 350 & Dena 150 *Electrocardiograph* 5"

- Simultaneous displaying of 12 leads ECG waveforms
- Rechargeable lithium battery
- Lightweight and compact design and ...

111 mm
64 mm

BFA *Brain Function Assessment*

- BFI information integrated into vital sign monitor screens to facilitate clinical decision making
- Robust relative to noise embedded in EEG signal and measure signal quality index (SQI)
- Faster initial setup using nuprep gel as a skin preparation
- Low price and single use accessory
- Electrode impedance check
- EEG waveform display, 1channel
- Display and trending of the BFI, EMG and SQI

Advance Monitor *Aria + Viewer* 5"+24"

Masimo SET

NEW

24" color display with Capacitive Touch screen. Viewing angle: 170 degrees | Ability to connect to portable patient monitor (Aria) | Landscape or Portrait display | D y n a m i c pages with various layouts and zooms | Repositioning parameters and signals with drag & drop | Adjustable screen brightness | Screenshot from the display in JPEG format | Remote control of system | Save patient vital signs including waveforms (Disclosure) and Tabular trends up to 96 hours | Save all alarms that occur during 96 hours and display waveforms when the alarm occurs | Advanced search (Filtering) in patient information history | Export patient medical information to the flash memory in JPEG format | Dual Screen with HDMI port | Simple menu hierarchy gives fast access to all system features | Quick software access keys | Provide electrical power to other connected devices

Options :

Ability to connect to ventilator, central monitoring system, regional oximetry module (Masimo O3) , HIS and PACS systems

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BP4 *Blood Pressure Monitor* 4"

NEW

- Oscillometric measurement method
- Pressure Measurement range: up to 255mmHg
- Transducer accuracy: ±3mmHg over full range
- Automatic adjustment of initial inflation pressure
- Memory: up to 60 records per user
- Power: 4 * 1.5V "AA" (LR6) or lithium rechargeable batteries, or AC adapter (optional)
- Cuff holder & handgrip for carrying
- Simple user interface – 4 button operation
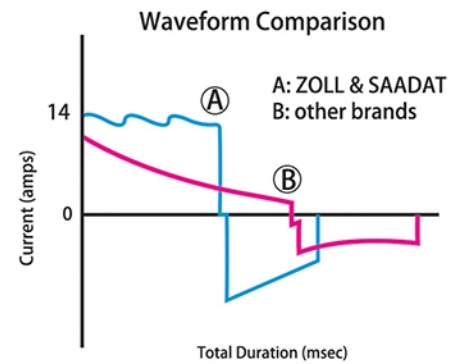- Including M-cuff (22 - 32 cm)

Ario *Digital Thermometer*

NEW

- Clinical Accuracy : ±0.2
- Non-Contact IR Thermometer
- Measurement Site: forehead
- Adult, Children , Neonate
- Object Mode
- Less than 2 Seconds Measurement
- Protective bag
- Battery : 2x1.5 V type AAA

Shooka *Automated External Defibrillator* 5"

- Life-saving technology in Hospitals, Clinics and other public places (Airport, residential complexes, gyms and etc)
- Cost-effective accessories (pads and battery)
- Can be used for Adults(up to 200J) and Children(up to 85J)
- Rectilinear Biphasic Waveform Technology, adaptable with patient's body impedance
- Assisting rescuers with auditory and visual instructions at all rescue stages.
- Accurate ECG signal analysis and identify sudden cardiac arrest (SCA)
- High operating speed from turn on to charge the device at the maximum energy (less than 25 seconds)
- Powered by a non-chargeable lithium manganese dioxide battery (LiMnO2) pack (Lifetime up to 5 years or up to 200 discharges at 200 J or 6 hours of continuous ECG Monitoring)
- Powered by a rechargeable lithium ion battery (Li-Ion) with separate charger stand.
- Charging time less than 10 seconds for maximum energy level
- Cloud connectivity enable automatic reporting of device status, giving you confidence your AED is ready in an emergency.

Waveform Comparison

A: ZOLL & SAADAT
B: other brands

Current (amps)

14

0

Total Duration (msec)

Jam S3 *Wearable Monitor* 3.5"

♥ Masimo SET.

Modules :
ECG/SPO2(Masimo)/RESP

- Driving 12 leads of ECG from 6 wire
- Accurate, Handy & Portable, Low weight & small
- Diagnosis of asymptomatic heart defects in early stages
- ECG analysis based on the Glasgow interpretive algorithm
- USB Type-C charger (operational while charging)
- Powered by 2 AA sized batteries
- Archiving the signals and reports
- Visual and Audible Alarms
- Transmission of data to Smart phone or central via Wifi