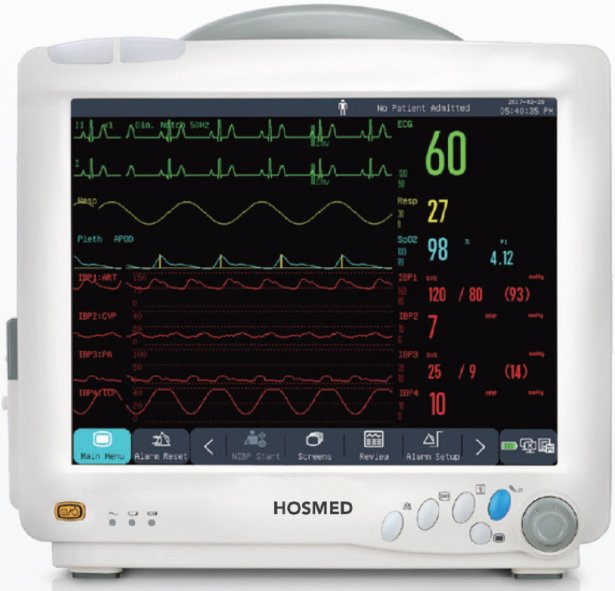
HOSMED
Enhancing Life

Multi-parameter Patient Monitor
IM12.1i



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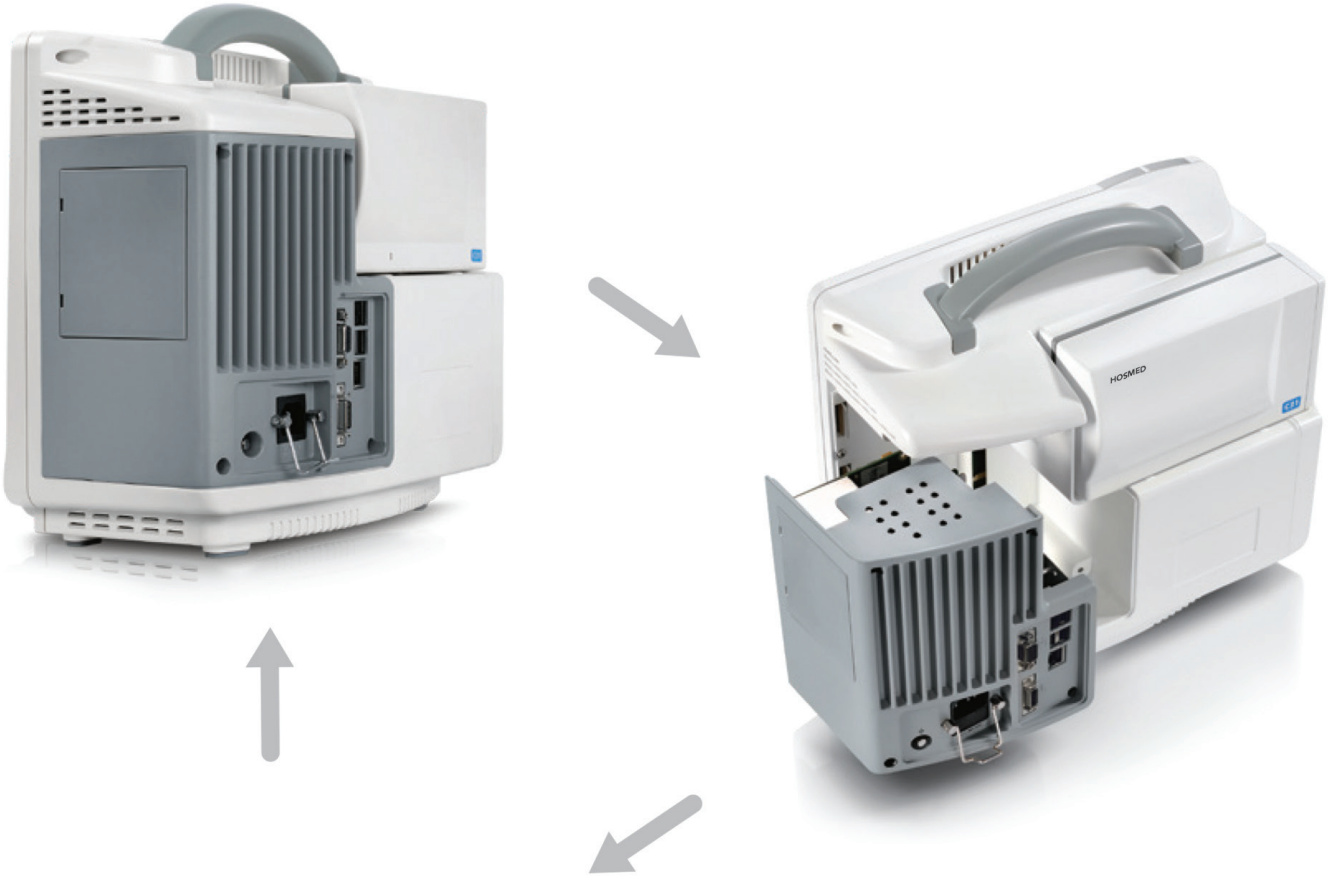
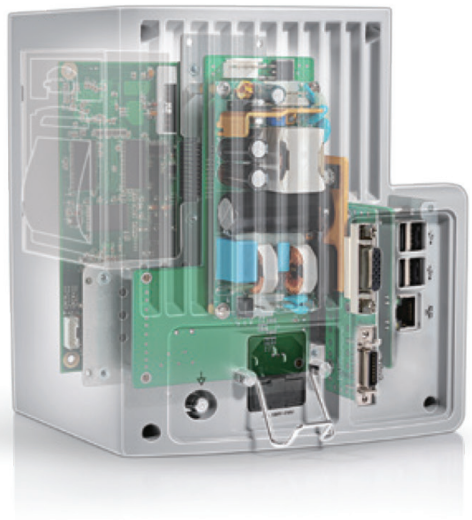
External Design

Highly integrated modular mechanical structure, easy to dissemble and maintain, easy to upgrade. The flexible, reliable, stable IM12.1i ensures that doctors work with confidence.





- Modular mechanical structure design all in a glance, easy disassembly and maintenance, with a high degree of reliability and stability
- Machine fanless design fundamentally prevents recontamination
- Aluminum-magnesium alloy stent design, lighter, more stable and better heat dissipation
- Large-capacity lithium battery , ≥ 4 hours working time on a single charge, effectively extending the battery life
- Module data transfer uses infrared transmission mode for prevention of electromagnetic interference

- 12.1inch LCD screen display, bright, low power consumption, efficiency; Touch screen and button operation, dual protection

- Handle: natural, comfortable, solid

- VGA interface for external mirror display. USB ports support keyboard, mouse operation, USB data transfer, software upgrades, etc Network,multifunctional socket.

Hardware technology - module

Multi-Parameters Module, supports plug and play, full-module random combination, automatic software identification, and interface dynamic adjustment

- Brand new mulit-parameters modular box, integrats various parameters measurement efficiently, maximum 8 connection sockets(optional), meets different departments' demand

IBP (invasive blood pressure) module

- Various brands of IBP accessories support. It is able to monitor more than 10 pressures such as arterial pressure, pulmonary arterial pressure, central venous pressure, intracranial pressure, left/right arterial pressure, etc.

CO2 module

RESPIRONICS CO2

To work together with US RESPIRONICS / MASIMO we chose mainstream / side stream (miniflow) CO. module. As small in size, durable and light in weight, the mainstream sensor can be used to provide all intubated patients from newborn child to adults for an accurate reliable CO. monitoring. It can be automatically
corrected, a LoFlo side flow probe (without dewatering bottle) is used to monitor non-intubated patients. The flexible and compact CO> sensor can provide adults, child and newborn for a continuous and reliable CO, monitoring. And, the sampling rate (miniflow) is <SOmL/min.

MASIMO IRMA CO: (Mainstream)

Extremely compact design (25g!); Maintenance free-no calibrations needed; Intelligent disposables;
Extremely easy to integrate; ''Plug in and measure'"'.

MASIMO ISA CO> (Sidestream)

Unique water handing-nomoline; Low sample flow-50ml/ min for all type of patients; "Instant on" - warm-up time 10/ 20 seconds until full spec; Extremely low power and weight; "Plug in and measure" ; Maintenance free-no routine calibrations needed.

AG (anesthetic gases) module

To cooperate with MASIMO with advanced AG modular, it is able to monitor eight different gases (O2 , CO. , N2O, ENF, ISO, DES, SEV, HAL). It can automatically identify what kind of anesthetic gas is in use, characterized by its short period of warmming time and long service life as well as MAC value provided (minimum alveolar concentration).

- ## ICG (Impedance Cardiography) module

Collaborated with Medis inpedance ECG to realize noninvasive blood flow dynamics monitoring, which is characterized by its noninvasive, continuous and high accurate and strong interface-resistant capability as well as lower cost and easy operation. The impedance variation is intended to monitor parameters such as stroke volume(SV), cardiac composition (TFC), etc.

- ## BIS (Bispectral Index) module

Cooperate with Hosmed company from USA for BIS technology.
The BIS module has been designed to be used in the monitoring of the level of consciousness of aperson during the application of general anaesthesia or in intensive care. This is accomplished by registering the electroencephalographic signal (EEG) by means of surface electrodes which is then analyzed by a digital process.
As a result of the applied calculation, an index “BIS” is obtained, which serves as guidance to the experts who use it to determine the level of consciousness of the patient during surgery.

- ## C.O. (Cardiac Output) module

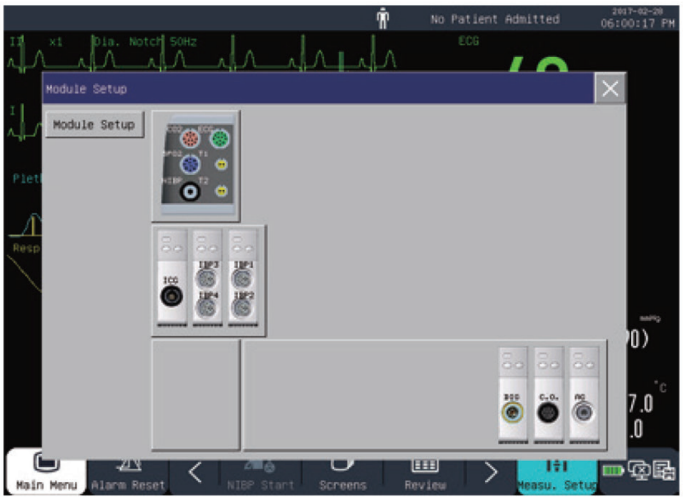
IM12.1i is involved itself in invasive cardiac output technique, but C.O. measurement is conducted with conventional thermo dilution invasive cardiac output and other hemodynamic parameters. The monitor can measure “blood temperature”, “calculating cardiac output”, “calculating hemodynamics”. The cardiac output is Cooperate with Covidien for BIS technology. catheter led from vein to pulmonary artery followed by injecting a certain amount at 0 C injecta such that the blood temperature will be varied after the injecta and blood output from the heart are mixed together thereby achieving cardiac output by measuring blood temperature variation before and after infected in accordance with the principle of heat balance.

- ## IM12.1i plug-in expansion slot

10 module slots can be provided for function expansion.

Software Technology-Interface

- Strong network function, supports wired/wireless connection
- Prompt module identification and interface switching without flashing
- Unlimited module extension with automatic software detection and dynamic interface adjustment

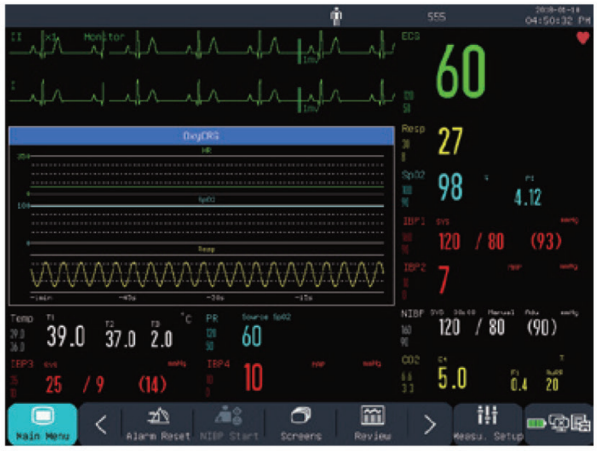


Module MAP diagram

- Display operating status of module

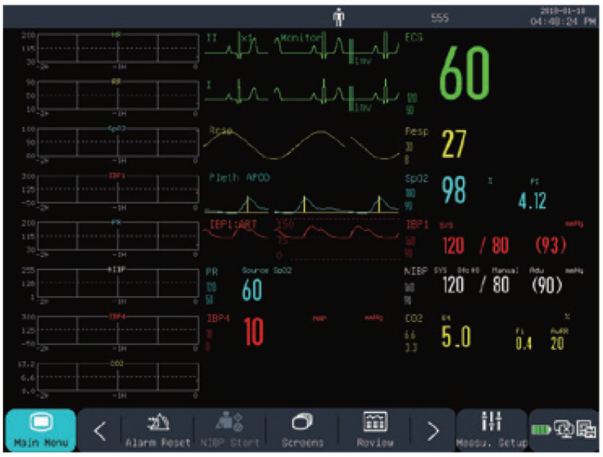
Touch screen

- Keyboard, handwritting input



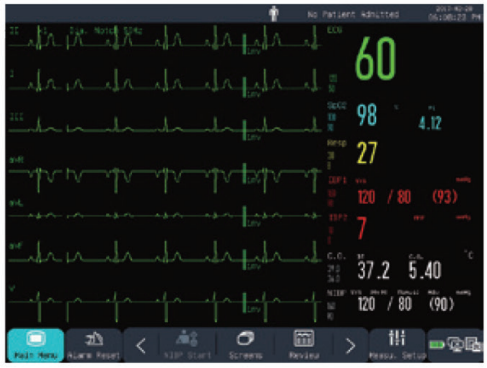
OxyCRG Interface

- Consist of HR trend, SpO2 trend and RR trend or compressed respiration waveforms
- Different period of trend selectable



Trend Interface

- Trend Interface
- Trend graph displays dynamic change of each parameter Trend view time of each parameter are freely selectable



7/12 leads ECG Interface

- Leads collecting, amplifying silultaneoulsy. Rhythmic leads calculation freely selection and display simultaneously

View Bed Interface

- To display other bed information such as bed no., patients' name, alarm information and parameter setup;
- User can configure dynamic parameters and waveform

Information Integration

- Complete medical records management Users can search, review, delete and transfer medical records

Screen Layout

- User can freely select the parameters and waveforms and locate its displayed place on the screen
- Design the interface freely as you referencewaveform

Big font interface

- Observed clearly from long distance, is especially suitable for ICU, CCU, OR and night care.
- Users can freely select 4 parameters to display on the screen. One waveform will be displayed for those parameters with waveforms.

Configuration management

- Five departments default configuration, can also be customized to meet application of different departments

Alarms setting on one page

- All alarms are managed on the same page, more easily to set the alarms

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