



ESM-10S

ESM-12S

Compact patient monitor



INTENSIVE CARES



Meticulous Design Based On The User

Ergonomic appearance is convenient for the users to operate and observe.
 Portable design with concealed handle
 High efficient capacitive touch screen with HD visual experience
 Operate with gestures, easy and simple
 Integrated full front panel without gaps, easy to clean



Display layout can be changed with simple swipe gestures



Adjust brightness automatically based on ambient light



Fanless design reduces the risk of cross-contamination



Battery life up to 8 hours

Humanized Accessory Storage

Equipped with the accessory box, the medical staff will be more convenient to store and take out the accessories.



Various Mounting Solutions

Wide range of mounting solutions fit for various clinical needs
 By pulling the release bolt, our monitor can be quickly removed from the wall mount or trolley for transport.



Standard configuration:

ESM-10S/ESM-12S: Touch screen, SPO2, TEMP, Dual-TEMP (only ESM-12S), PR, RESP, NIBP, 3/5/6 lead ECG,

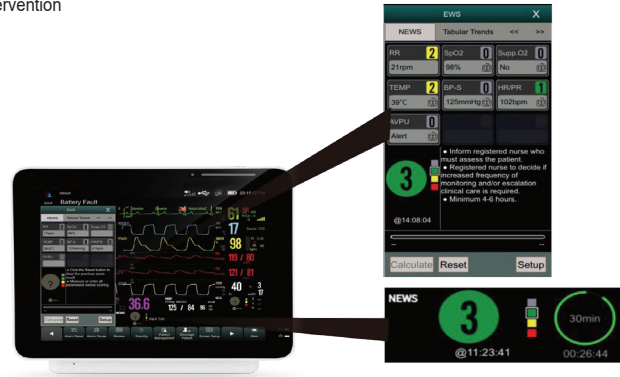
Option:

ESM-10S: Rechargeable Li-ion battery (5Ah), printer, WiFi, DM
 ESM-12S: Rechargeable Li-ion battery (5Ah), printer, WiFi, 3in1 (VGA output/Nurse call/Defibrillation sync), 12-lead ECG, Mainstream/Microflow EtCO2, 2-IBP, C.O. with 2-IBP, DM, Voice assistance.
 For both models: Rolling stand, wall mount.



EWS (Early Warning Scoring)

EWS is a physiologic scoring system for patient assessment- respiratory rate, heart rate, systolic blood pressure, level-of-consciousness, body temperature, etc. EWS can detect changes in a patient's vital signs, thereby, the rapid response teams can quickly notice and the early intervention can prevent critical events before they happen.



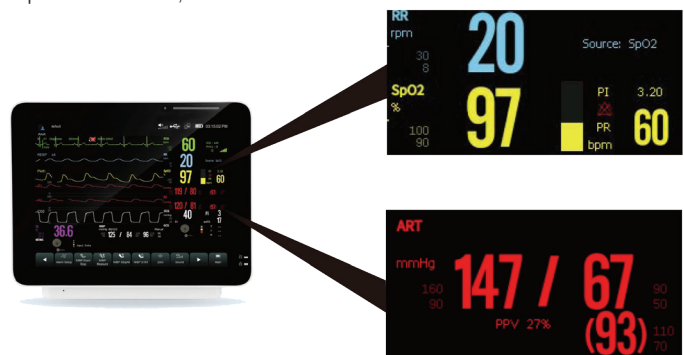
GCS(Glasgow Coma Scale)

GCS is a neurological scale that aims to give a reliable and objective way of recording the state of a person's consciousness for initial as well as subsequent assessment.



Respiration Rate (from the Pleth)

Pulse oximetry is the most commonly used continuous noninvasive measurement. Now with our innovative algorithm, SPO2 technology can provide additional Respiration Rate. It can facilitate early recognition of deteriorating patient conditions leading to fewer rescue interventions. It also can reduce the consumption of disposable accessories, save valuable time for medical staff.



PPV (Pulse Pressure Variation)

PPV is a reflection of cardiopulmonary interactions. As a patient breathes, both spontaneously and with mechanical ventilation, the cardiac output varies. The more the cardiac output varies with respirations, the more likely that patient is to respond to a fluid bolus with an increase in cardiac output. Using this simple principle, clinicians can take advantage of the common arterial line tracing to assess a patient's volume responsiveness.



Drip Monitor

S series integrates the Drip Monitor (DM) module, which can realize the monitoring of infusion drip rate, alarm of infusion completion, and stop infusion functions.



The DM module can monitor the drip rate all the time during the infusion. When the infusion is completed, the module will clamp up the infusion tube in order to avoid the blood reflux.



Intelligent Automatic Speech Recognition

The innovative auto speech recognition module implements voice interaction with the patient monitor. ASR significantly improves the work efficiency of the medical workers, particularly in Operation Room.



ESSE3 srl, Via Garibaldi 30
 14022 Castelnovo D.B. (AT)
 Tel +39 011 99 27 706
 Fax +39 011 99 27 506
 e-mail esse3@chierinet.it
 web: www.esse3.dreamgest.com

