

General Ward Product Catalogue



Gynecology and pediatrics product line

The line covers neonatology department, general pediatrics department, obstetrics department and gynecology department.

Products include NICU series and obstetric monitoring series.



OR and ICU product line

The line covers OR departments, and ICU departments,
Products include Anesthesia Machine AX Series , Syringe Pump, Ceiling Pendant, Surgical Light, Defibrillator and modular monitoring series.



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COMEN

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Monitoring Products Initiated by “Specialized Products, Specific Usage”



C20 Specialized Fetal & Maternal Monitor



C60 Specialized Neonatal Monitor



C100 Specialized Cardiovascular Monitor



C30 Multi-parameter Patient Monitor

C100 Specialized Cardiovascular Monitor

≥ Modular Monitor + ECG



C30 Multi-parameter Patient Monitor

Comen C30 is a new generation of specialized ambulance & transport monitor. It is designed according to rescuing scene and ambulance transportation monitoring requirements for practicability, convenience and reliability of emergency treatment, first aid and transportation. It adopts PC/ABS high-strength engineering plastics, high-reliability Linux operation system and high-brightness scratching-prevention LCD. It is equipped with specialized first-aid monitor bag with fitting management pack and first aid device collection pack able for multi-carry. The entire machine is portable, solid, reliable, stable, waterproof, fireproof and anti-falling. It also can be displayed clearly under strong sunshine in the open air. It also can be used under various kinds of severe environment to meet the demand of medical agents such as troops and hospital during emergency treatment, first aid and transportation in the field.



- Waterproof, vibration shock resistant
- The specialized waterproof and anti-shock C30 first aid bag is portable and easy carrying with enough space
- Multi-carry options: shoulder strap, stretcher, mount on the ambulance
- Place first aid articles in left storage bag and all instrument accessories fitted in right one

Modular Monitor

C100 can be used as a electrocardiograph

C100 has passed IEC 60601-2-25 ECG Machine Specialized Standards.
 Advanced performance: Input impedance≥50MΩ,
 Polarization resistance voltage: ≥±650mV,
 Common mode rejection ratio: ≥105dB, Time constant: ≥5S.
 72 hours' full disclosure 12-lead ECG waveform review.
 Shortcut key for ECG, one key switch between the monitoring mode and the ECG mode.
 216mm modular printer; synchronous printing of 12-lead ECG.

Functional modular slot × 2

Two extendable modular slots,
 CO₂/IBP / C.O. / AG / ICG module optional;
 Flexible configuration based on
 department requirements.

Printing module slot × 1

Support 216mm thermal recorder,
 12 waveforms simultaneously recorded.

C90 Multi-parameter Patient Monitor

C90 monitor is integrated with the world-leading vital signs parameter monitoring technology and IT application technology to make a high-end vital signs monitoring platform and provide a comprehensive monitoring solution.

- 17" high resolution LCD touch screen 1280 X 1024
- Rotary knob, buttons and touch screen operation.
- Built-in lithium battery: to ensure keeping continuity of patient's data during operation with its running time over 2 hours
- Bracket solutions: Trolley
- Supporting built-in thermal printer and external laser printer
- Module conductive contact: gold-plating technology, excellent conductivity
- Infrared transmission for module data transfer



C70 Multi-parameter Patient Monitor

Classic Continuation
Continuous Innovation

C70 inherited the outstanding character of our Patient Monitor C90 and adopted with highly integrated modular mechanical structure, it efficiently combines the structure, function and maintenance management. C70's single-module and multi-module can combine at meeting the upgrade which clinical needs. C70 create a new era in modular monitor field.



Functional module slot

Plug and play, interchangeable
Various kinds of module slots, multi parameter module C30 and multi parameter module C31 can be plugged in C90 and C70, which provided the vital signs parameter monitoring.



IBP



CO₂



AG



ICG



C.O.



BIS



C80
Multi-parameter Patient Monitor
12.1" LCD touch screen



C86
Multi-parameter Patient Monitor
15" LCD touch screen

C80/C86 is the new generation of patient monitor designed and developed by COMEN. C80/C86 is equipped with SD card port, USB port, convenient handle, multiple mounting solutions, IPX1 level waterproof cabinet design and sturdy housing to withstand rough handling. C80/C86 fulfills the hardware requirements for intensive care monitoring in multiple environments, efficiently caring for human life every second.



C100A
Multi-parameter Patient Monitor

COMEN Telemetry Monitoring System

- RF telemetry technology.
- Support 3,5 lead ECG.
- Maximum 48 telemetys can be connected to Central Monitoring System.



C50
Multi-parameter Patient Monitor

Features:

- 10.4" LCD touch screen
- Support rotary knob, buttons and touch screen operation
- Perfect patient information management system
- 5° inclination screen makes bedside monitoring easier
- Fan-less design, avoid cross contamination on laminar, ultra quiet;
- IPX1 waterproof
- Intelligent alarm technique, automatic recognition alarm level



S8
Defibrillator Monitor



NC3
Vital Signs Monitor

Specially designed for inpatient monitoring and ward rounding, easy and quick to learn basic vital signs; Configured with easy-to-use NIBP, SpO₂ functions; Quick body temperature measurement technique in clinical application: use infrared ear thermometer to learn ear cavity temperature in 1-2s, which is instantly uploaded wirelessly to NC3; 12 hours battery life under standby mode, high resolution display; Simple and elegant, compact and lightweight; Aesthetics, technology, science and wisdom in one.



NC5
Vital Signs Monitor

Ingenious and Minimalistic,
Smart and Lightweight

Applied to outpatient, emergency and general wards. As a spot check monitor and bed side monitor, it integrates NIBP, SpO₂, ECG, Ear Temp. It is simple, tasteful, compact and lightweight, a perfect combination of technology and aesthetics.

4 in 1 Design

Provide a full range of functions to meet various life support needs

With Defibrillation, Pacing, Monitoring and AED mode, S8 is not only suitable for pre-hospital first aid, but also applicable in in-hospital usage.

Monitor: 5-lead ECG monitoring as standard, optional monitoring functions include SpO₂, TEMP, EtCO₂, IBP, and 12-lead ECG are also available for continuous monitoring of patient vital sign

Pacing: Having on-demand pacing and fixed pacing mode, for patients with cardiac arrest and acute severe slow arrhythmia, in vitro non-invasive pacing mode is rapid, easy to master, time-saving and improve recovery success rate.

AED: The model applies patented analysis algorithm and automated analysis as well as convenient setting to guide clinical emergency personnel in providing defibrillation and basic life support.

Defibrillation: Manual defibrillation modes include synchronous cardioversion and asynchronous defibrillation.

NC 12

Screen Size : 12.1 inch



NC 8

Screen Size : 8 inch

NC 10

Screen Size : 10.4 inch



NC19 Multi-parameter Patient Monitor

Screen Size : 19 inch

Multi-parameter Patient Monitor

Simple, reliable, multi-functional.

Semi modular patient monitor, combined the advantages of normal patient monitor and modular patient monitor, which can meet different demand of different department in hospital.

Support rotary knob, buttons and touch screen operation.

Plug and play modular design offers the most commonly used parameters, including CO₂, IBP, AG, C.O., BIS.

Screen brightness auto-adjustment with ambient light sensor.

Button bar was located at right side on the front shell, more convenient for using.

Fan-less design, avoid cross contamination on laminar, ultra quiet.

NC19 is a standard display interface which integrated both hardware and software technology from its mature product C90 & C70. Not only with slim and wide LCD screen, but also capacity with powerful information processing. This product equips with various peripheral interface, which is suitable for working with different equipment. Relying on a variety of mounting solutions, developing with innovative technology, COMEN perfectly combines actual medical applications and modern aesthetics into one, which comes as Separated Modular Patient Monitor NC19.

This innovative monitoring applies with the comprehensive care units; Integrate with patient monitor C30. It is very convenient for nurses to observe the data with 19 inch LCD screen, and also the modular patient monitor is a classic model for the ICU.



STAR8000F

Multi-parameter Patient Monitor

Features:

- 12.1" LED backlight touch screen with low power consumption
- Support rotary knob, buttons and touch screen operation
- Fan-less design, avoid cross contamination on laminar, ultra quiet
- Large data storage
- Large capacity battery, incredible long service life



STAR8000E

Multi-parameter Patient Monitor

Features:

- 12.1" LED backlight screen with low power consumption
- Support rotary knob, buttons and touch screen operation
- Fan-less design, avoid cross contamination on laminar, ultra quiet
- Large data storage
- Large capacity battery, incredible long service life
- Independent striking NIBP shortcut key, easy to use



STAR8000H

Multi-parameter Patient Monitor

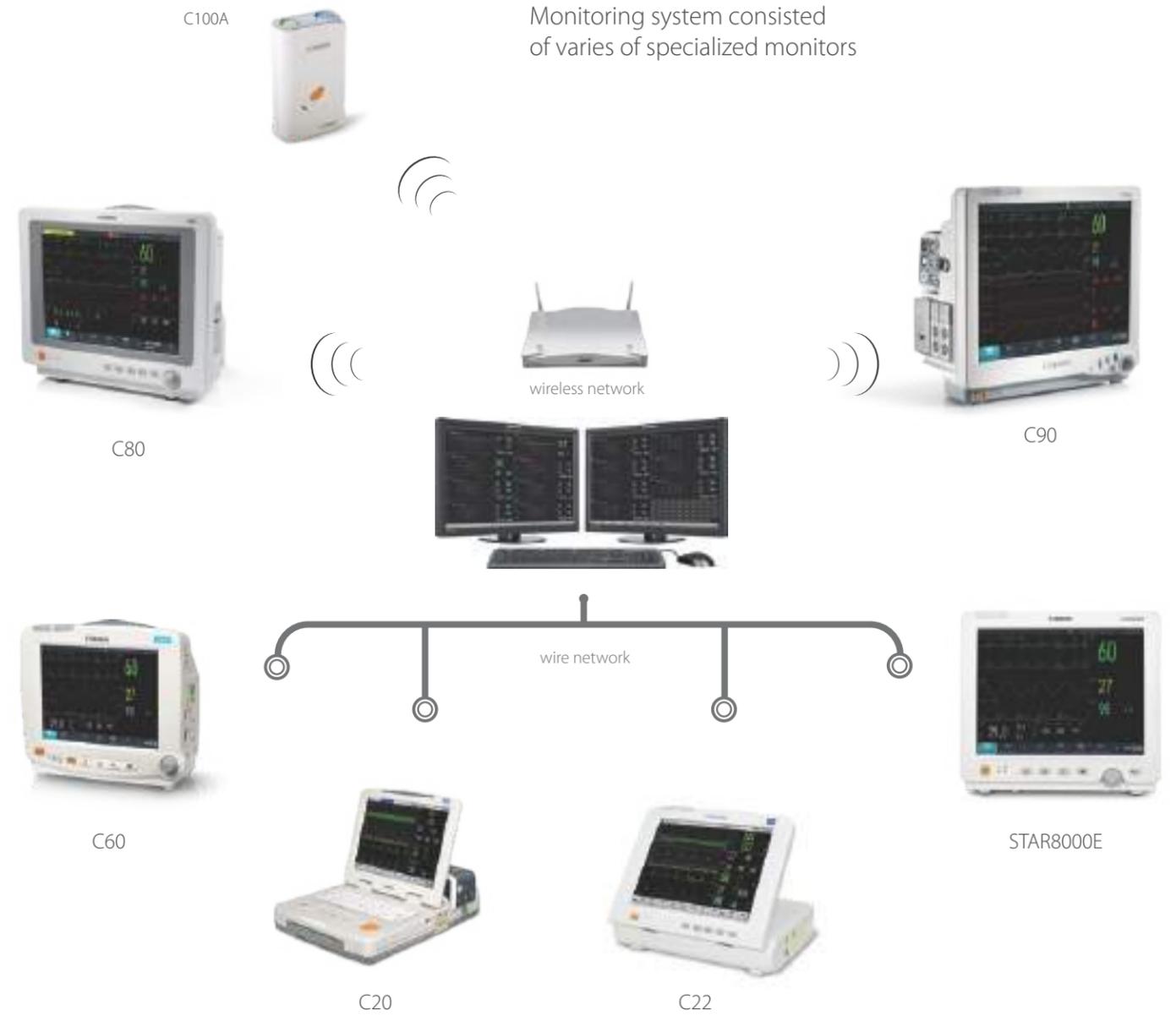
Features:

- 8.4" LED backlight touch screen
- Support rotate, key and touch screen operation
- Fan-less design, avoid cross contamination on laminar, supreme quiet
- Pass CE certificate, modular design with magnesium alloy guarantee safety, reliability and stability
- Light weight with compact design, multiple mounting solutions, easy to transport and mount

STAR8800

Central Monitoring System Software

Monitoring system consisted of varies of specialized monitors





H12 Electrocardiograph

- 10.4 LCD touch screen
- 12 × 1、6 × 2 format display, vertical screen display
- Support handwriting input
- 10000 patient case storage, support JPG format storage
- FTP / DICOM protocol allow connection with hospital HIS、EMR、PACS system without PC workstation .

CM1200

Electrocardiograph

Features:

- 12.1" folding-up touch screen
- Support multi-language, printing preview
- Sleep/wake up mode for saving energy and extending screen life
- Lead status display
- Alphanumeric keyboard, support hand-writing patient information input
- Anti-defibrillation
- 10,000 ECG internal memory
- Last 120 seconds 12-lead waveforms reviewable and recordable
- 216/210mm thermal printer, support rolling paper, and Z-fold paper
- External printer and data transmission support by USB port
- Optional ECG working station



H3 Electrocardiograph

- 6.2" LCD touch screen
- Screen brightness auto-adjustment with ambient light sensor
- 3 × 4 and 6 × 2 display format, 12-lead display simultaneously
- 10000 patient case storage, support JPG format storage
- FTP service allows patient case download in a remote network.

CM1200B

Electrocardiograph

Features:

- 5.7" Screen
- Lead status display
- Numeric keyboard, backlight design for night use
- 300 ECG internal memory
- 120 seconds 12-lead waveforms reviewable and recordable
- Support 210mm rolling paper, Z- folded paper
- External printer and data transmission support by USB port
- Optional ECG working station
- Basic economic model





M200 Infusion Workstation

Integrated information management Syringe Pump, provide real-time monitoring, data review, alarm recording and drug administration functions; Complete new infusion design; largely reduce working load, more convenient and safety for doctors and nurses.



M200A Syringe Pump

Single Pump Can Work independently or in combination

When the single pump was used independently, it can provide stable injection with a delicate stabilizer blade; when it was used in a stacking system, it will be connected with other pumps to constitute a working station so as to realize electricity unified management and also realize unified injection management.



Foldable clip

Foldable clip on back of pump makes infusion support's installation and removal easier.

Dual CPU Monitoring, High Precision Injection

Double CPUs design; infusion precision reaches $\pm 3\%$ when two CPUs are monitoring each other, ensuring infusion safety and preventing accidents.



Mechanical Clutch Design

Putter was designed with mechanical clutch, to guarantee stable fixation of the piston. Moreover, self-exam system can make sure everything is correctly prepared before infusion.

Powerful independent working function

Support selecting injection mode, setting parameters, patient information displayed. Injection mode: Rate mode, Weight mode, Time mode, Interval mode and TIVA mode.



High resolution display

The infusion pump is compatible with three operation modes: touch control, shuttle, and button control, more human-oriented and easier to use. 7 inch high resolution (800x480) screen provides you with delighted visual experience, more intuitive and vivid injection waveforms display. Multi-language support, including English and Chinese; hand-writing input, 10 times inputting efficiency than traditional infusion pump.



ME600 Infusion Pump

Continuous innovation

- Sophisticated motor and dual detectors guarantee precision and stability
- Intelligent pulse compensation technology
- Intelligent heating technology
- Bubble detection technology
- Patented anti-bolus system