

IPX1 Level Waterproof



Configuration

Standard configuration

- ECG
- PR
- SpO₂
- NIBP
- RESP

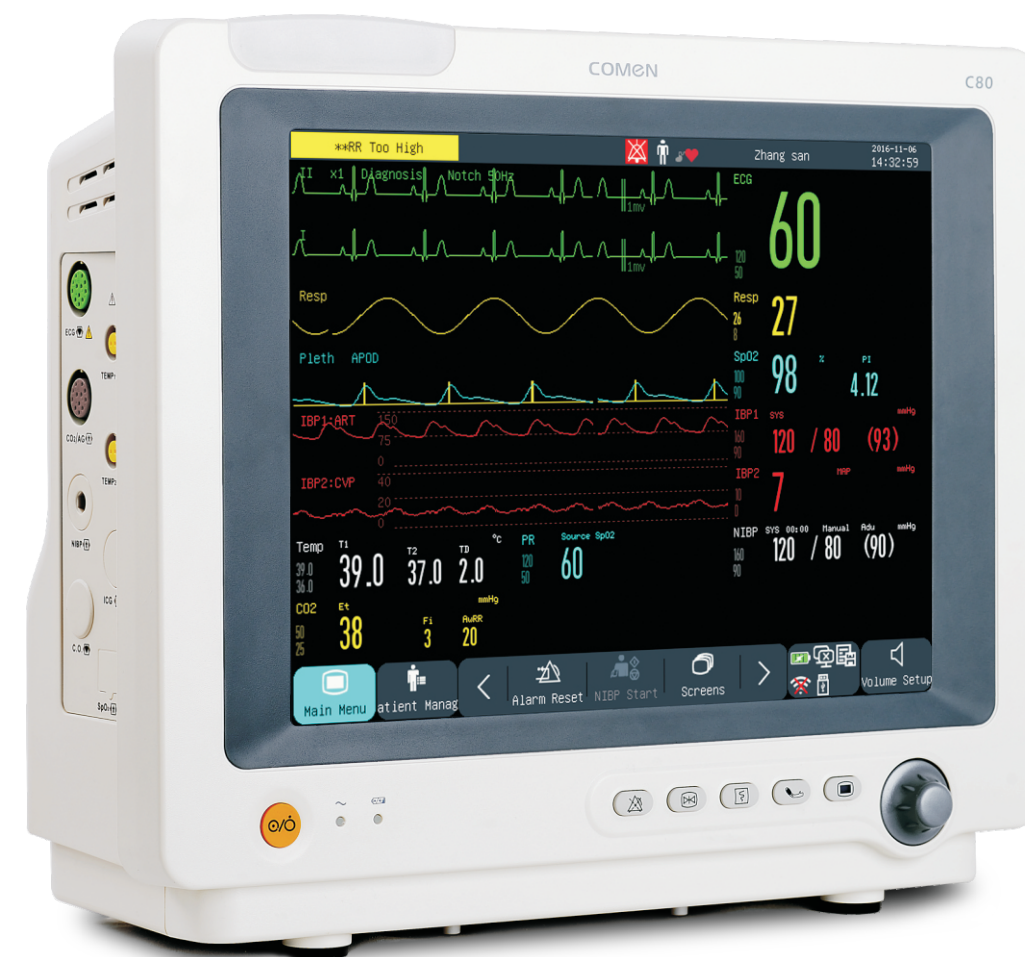
Option configuration

- Dual-IBP
- BIS
- AG
- ICG
- Thermal Printer
- Masimo / Nellcor SpO₂
- EtCO₂
- C.O.
- TEMP
- 15 inch LED touch screen

Recommended configuration

	operating room	ICU	CCU	general ward
12-lead ECG	✓	✓	✓	×
MASIMO SpO ₂	✓	✓	✓	×
Comen SpO ₂	✓	✓	✓	✓
Side-stream EtCO ₂	✓	✓	✓	×
Mainstream EtCO ₂	✓	✓	×	×
BIS	✓	✓	✓	×
C.O.	✓	✓	✓	×
IBP	✓	✓	×	×
AG	✓	×	×	×
ICG	✓	✓	✓	×

COMeN



• 12.1" LED touch screen.

C80 patient monitor is designed to meet your every second care of patients in clinical, configuring 12.1" LED touch screen, fixed handle, various mounting solutions as well as handwriting pen, it is therefore your optimal choice for acute care. In case of different clinical environment such as in ICU, C80 provides IPX1 waterproof protection to satisfying strict environment requirements.



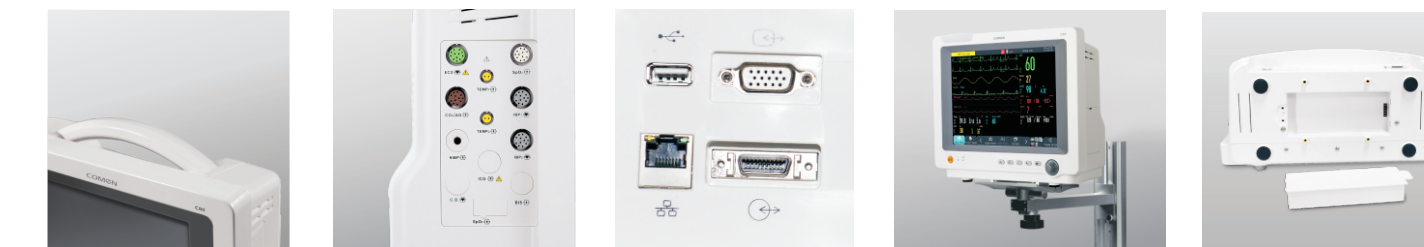
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C80 Patient Monitor



Fixed handle, more compact with small weight, easy to carry

Aesthetically pleasing new interface design

USB, VGA, network and multifunctional interface

Wall mount, rolling stand

Large capacity of Lithium battery support long time working without power supply

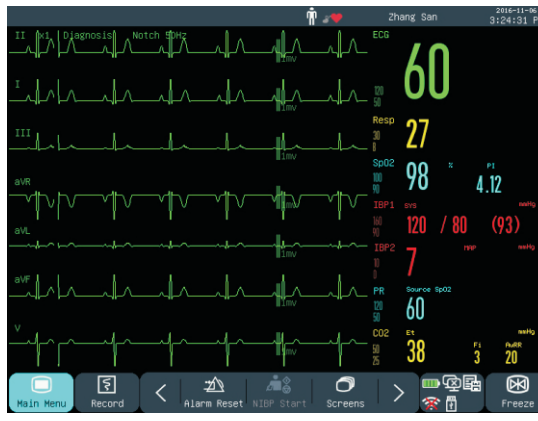
C80

Patient Monitor

With leading ECG technology, anti-motion & week perfusion SpO₂ technology as well as accurate NIBP measurement technology, Comen cooperate with world leading medical providers such as Masimo, Covidien, Respironics, Medis to optimize C80 performances by configuring Etco₂, AG, BIS and noninvasive hemodynamic monitoring into one, helping you care even the most critical patients with professional assistance.

ECG

- 3/5/12-lead ECG measurement technology, leads automatic identification
- Intelligent leads off detection and automatically leads selection guarantee uninterrupted monitoring
- ECG ensures intensive monitoring for a particular waveform
- CMRR ≥ 105dB, outstanding ECG anti-interference capability
- 26 arrhythmia analysis support

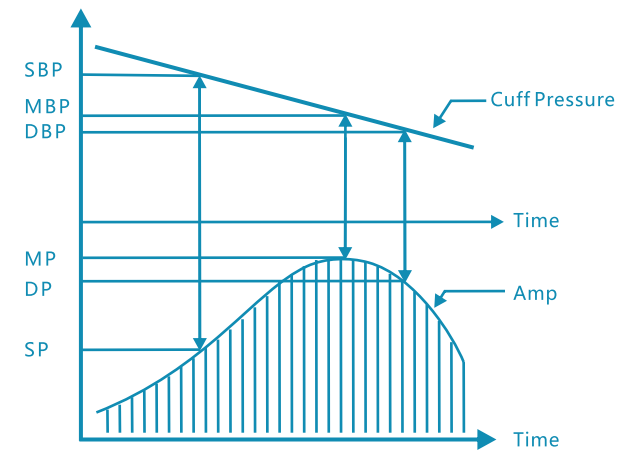


Masimo SpO₂

Performance Claim	MasimoSET Pulse Oximeter
SpO₂ Accuracy (70-100%)	
Adult/Pediatric (No Motion)	±2 digits
Adult/Pediatric (Motion)	±3 digits
Perfusion Index Range	0.02% - 20%
Accuracy in Low Perfusion	Adult ±2 Neo ±3 digits
Forehead Sensor	TF-I ±2 digits
Ear Sensor	TC-I ±3.5 digits
Fragile Skin non-adhesive (No Motion)	SoftTouch ±3 digits
Fragile Skin non-adhesive (Motion)	SoftTouch ±3 digits
SpO₂ Accuracy (60-80%)	
Adult/Pediatric (No Motion)	Not Currently Claimed [†]
Forehead Sensor	Not Available
Pulse Rate Accuracy (70%-100%)	
Pulse Rate (No Motion)	25 - 240 bpm ±3 digits
Pulse Rate (Motion)	25 - 240 bpm ±5 digits
Pulse Rate - Low Perfusion	25 - 240 bpm ±3 digits

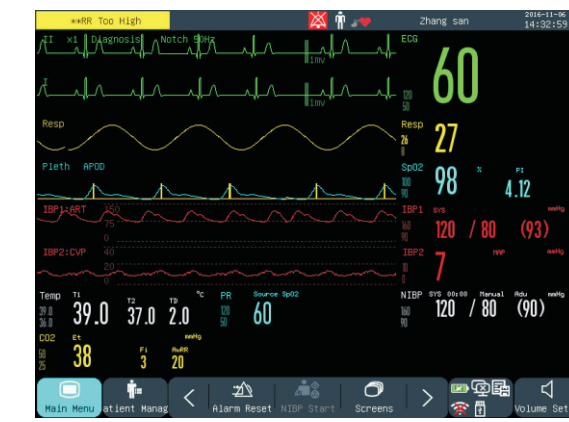
NIBP

- AcuTec™ NIBP technology, high accuracy for hypertension monitoring. The initial inflatable pressure can be selected to improve the accuracy of measurement and the comfort of patients



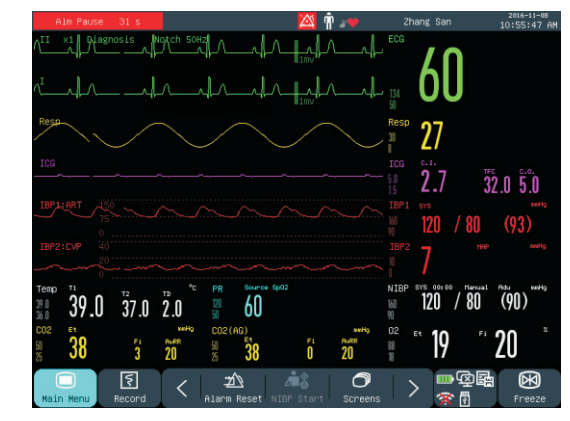
IBP

- 2-channel IBP with SIMILAC accessories optional, Monitoring ABP, PAP, CVP, LAP, RAP, ICP etc



EtCO₂

- Collaborates with US RESPIRONICS, MASIMO, Plug and Play EtCO₂ monitoring.
- Use CAPNOSTAT 5 / IRMA mainstream sensor for optimal performance in monitoring intubated patient.
- Small, durable and lightweight mainstream sensor provides accurate and reliable monitoring for all intubated patients from neonates to adults.
- No calibration required.
- Use LoFlo / ISA sidestream sensor for monitoring non-intubated patient.
- Flexible, compact CO₂ sensor provides consistent and reliable monitoring of adult, pediatric and neonatal patients.
- Sample rate ≤ 50ml/min(micro-stream).



Anesthetic Gas

- Collaborate with MASIMO for the advanced anesthetic gas module of monitoring 8 types of gas (O₂, Co₂, N₂O, ENF, ISO, DES, SEV, HAL). Automatic identification of the anesthetic gas, short time warming up, long service life with MAC value (minimum alveolar concentration).

Critical time

Seize every second to save life

C.O. (invasive cardiac output) module

- C80 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 measured with floating catheter led from vein to pulmonary artery followed by injecting a certain amount of ice water 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 injected in accordance with the principle of heat balance.

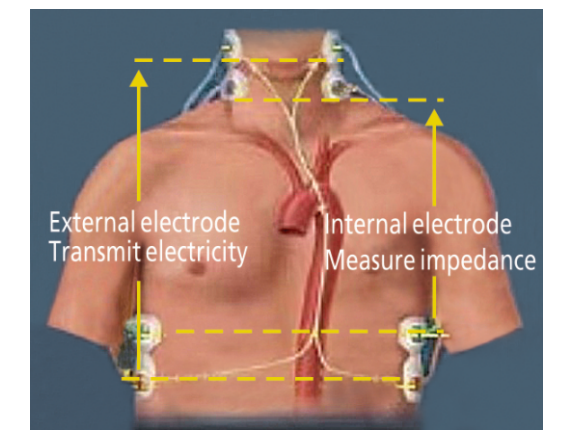
Intelligent Alarm

- I-KLOK™ intelligent alarm management, auto-identification of alarm level. Self-adjust proper alarm time to reduce false alarms.



BIS (Depth of Anesthesia) module

- The BIS module has been designed to be used in the monitoring of the level of consciousness of a person 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.



Non-invasive Hemodynamic

- Collaborates with MEDIS, impedance cardiography for non-invasive continuous hemodynamic monitoring.
- Micro-signal transmit through disposable electrode.
- Blood volume and Blood Flow Velocity varies with heartbeat, DISQ® technology processes impedance signal variation.
- Variation of impedance applies to non-invasive Z-MARC™ algorithm for acquiring SV, CO, SVR, Contractility and TFC etc.



- Support wire & wireless central monitoring system.