

# CMS-100G



## CONTEC SINGLECHANNEL ECG MACHINE

### SPECIFICATION

- Safety Type: Class I, type CF applied part, which has defibrillation-proof applied part
- Lead Standard 10 leads
- Input way: Floating and defibrillation protection
- Patient leak current:  $<10\mu\text{A}$
- Sampling rate: 1000Hz
- A/D conversion: 12bit
- Frequency response 0.05Hz~150Hz (-3dB, +0.4dB)
- Time constant:  $>3.2\text{s}$  • CMRR:  $>60\text{dB}$ ,  $>100\text{dB}$ (Add filter) • Enduring polarization: voltage  $\pm 500\text{mV}$
- Noise level:  $<15\mu\text{Vp-p}$  Dispose Wave Data
- EMG interference filter 35Hz (-3dB)
- Recording paper: 50mm(W) $\times$ 20m(L)
- Sensitivity: 5, 10, 20mm/mV
- 2 pcs  $f_5 \times 20\text{mm}$  AC time lag;  
T250mA/250V(Power Supply:22
- Net Weight 2.25 kg

### FEATURES

- Large LCD display waveform and data
- The high-resolution thermal printing array system
- Frequency response is as high as 150 Hz
- Capable of printing continuously on channel trace and annotations including lead mark and parameter such as sensitivity, paper speed and filter operation status
- High-resolution digital filter inhibits baseline drift without affecting ECG waveform
- Floating input circuit meets IEC safety standard
- Rechargeable battery supporting more than 50 patient examinations
- Internal software: GB, FR, IT, ES, DE, TR
- Manual: GB, IT (ES on request)



# CMS-300G



## CONTEC THREECHANNEL ECG MACHINE

### SPECIFICATION

- Safety: Type Class I, Type CF applied part, which has defibrillation-proof
- Applied part
- Lead Standard 12 leads
- Input way: Floating and defibrillation protection
- Patient leak current  $<10\mu\text{A}$
- Sampling rate 1000Hz
- Frequency response 0.05Hz~150Hz (-3dB, +0.4dB)
- CMRR  $>60\text{dB}$ ,  $>100\text{dB}$  (Add filter)
- Enduring polarization voltage  $\pm 300\text{mV}$
- Noise level  $\leq 15\mu\text{Vp-p}$
- EMG interference filter 25/35Hz (-3dB)
- AC filter 50/60Hz ( $\geq 20\text{dB}$ )
- Recording paper 80mm(W)  $\times$  20m(L)
- Sensitivity 5mm/mV 10mm/mV 20mm/mV 40mm/mV Auto
- Auto-record: 25mm/s, 50mm/s

### FEATURES

- Accurate and clear ECG waveform
- Working state display
- Economical to save recording paper. Display of 3/6/12-lead ECG, print mode, sensitivity, paper speed and filter state, etc. on one screen, convenient for contrastively diagnosing.
- Multiple printing modes and formats, including manual, auto 4 $\times$ 3, auto 3 $\times$ 4+1, auto 3 $\times$ 4, auto 2 $\times$ 6+1, auto 2 $\times$ 6, auto 3-2+1, auto 3-2, auto 1 $\times$ 12+1, auto 1 $\times$ 12, rhythm 4, rhythm 3 and rhythm 2, etc. Waveform length printed can be adjusted, and with time print function, which meets different requirements.
- Built-in memory stores up to 1000 cases, convenient for case review and statistics.

# SSHL-903



## SSHL

### THREECHANNEL ECG MACHINE

#### FEATURE

- 7 inch (ECG-903A), 8 inch (ECG-903B) touch screen & keypad input ways
- 3 channel ECG machine with automatic interpretation
- 80 mm thermal recorder
- Simultaneous 12 leads acquisition and 3-channel recording
- Manual/Auto working modes
- TFT display 12 lead ECG wave & friendly menu setting.
- 100 patient information storage, SD card storage.
- 120 seconds ECG wave freeze and replay function.
- Lead-off detection and alert
- Digital filtering, resisting baseline drift, AC and EMG interference
- Built in rechargeable Li-ion battery, more than 3 hours continuously work
- AC power supply at 90-240V, 50/60Hz
- Built in USB/RS232 interface (ECG working station optional)

#### SPECIFICATIONS

- Lead: standard 12 leads
- Lead acquisition: 16bit/24bit 1000Hz (synchronously 12 leads)
- Printer: 80mm thermal printer, Print speed: 5,10,12.5,25mm/s (+3%)
- Work modes: MANUAL, AUTO modes
- Filter: AC Filter :50Hz / 60Hz;  
EMG Filter :35Hz / 45Hz;  
Anti-Drift Filter : 0.15Hz (Adaptive)
- CMMR: >100dB (with AC filter)
- Input circuit: floating; protection circuit against defibrillator effect
- Input Impedance: >50M
- Input circuit current: <0.35uA
- Input dynamic range: +5mVpp
- Patient current leakage: <10uA
- Calibrating voltage: 1mV+2%
- Voltage tolerance: +600mV
- Time constant: >3.2s
- Frequency response: 0.05~150Hz(-3db)
- Noise level: <15uVp-p
- Sensitivity valve: <20uV
- Sensitivity: 2.5,5,10,20mm/mV

# SSHL

## SSHL-301G



## THREE CHANNEL ECG MACHINE

### SPECIFICATION

- 7 inch high resolution color touch screen.
- 12-Lead simultaneous acquisition and display.
- ECG Automatic measurement and interpretation function.
- Complete digital filters, resisting baseline drift, AC and EMG interference.
- Compact and lightweight design
- Support USB flash disk and micro SD card to extend memory.
- Software upgrade via USB/SD card
- Built-in rechargeable Li-ion battery.

### POWER SUPPLY

AC:100-240V, 50/60Hz, 30VA-100VA  
DC:14.8V/2200mAh, built-in lithium battery  
Normal:1000sps/channel

### FILTER

EMG Filter: 25 Hz / 30 Hz / 40Hz Low Pass  
Filter: 75 Hz / 100 Hz / 150Hz  
DFT Filter: 0.05 Hz / 0.15 Hz / 0.25 Hz / 0.32 Hz /  
0.5 Hz / 0.67Hz / ADS  
AC Filter: 50 Hz / 60Hz  
CMRR: 100dB;

### RECORDING MODES

Automatic: 3CH×4+1R, 3CH×4,  
Manual: 3CH, 2CH, 1CH  
Rhythm: Any lead selectable  
Recording System: Thermal matrix printing;  
Recording Paper: Roll 80mm×20M;  
Paper Speed: 6.25 mm/s, 12.5 mm/s, 25 mm/s,  
50 mm/s;  
Interface: Network interface, USB  
Master/Slave, SD card;  
Safety Standard: IEC I/CF;

# CMS-600G



Touch Screen



## **CONTEC** **SIXCHANNEL ECG MACHINE**

ECG-600G is an Electrocardiograph which can collect 12-lead ECG single and print waveform by the thermal printing system. It features in, recording and displaying ECG waveform in AUTO/Manual mode, measuring and diagnosing ECG waveform parameters automatically, prompting for "Lead off", multi-language interface, case database management.

### **Performance**

input mode: floating and defibrillation protection.

Frequency response: 0.05 Hz~ 150 Hz(-3dB~+0.4dB)

CMRR: >60dB, >100dB(add filter)

Time constant: > 3.2s

Patient leak current: <10uA

Calibration voltage: 1mV

Sensitivity: 2.5, 5, 10, 20, 40mm/mV+5%.

standard sensitivity: 10mm/mV+2%

Noise level: <15uVp-p

Input circuit current: <50nA

Input impedance: >50MΩ

Sampling accuracy: 12-bit

Power frequency filter: AC

50Hz/60Hz(-20dB)

Auto: 5, 6.25, 10, 12.5, 25, 50, 100mm/s,+5%

Rhythm: 5, 6.25, 10, 12.5, 25, 50, 100mm/s,+5%

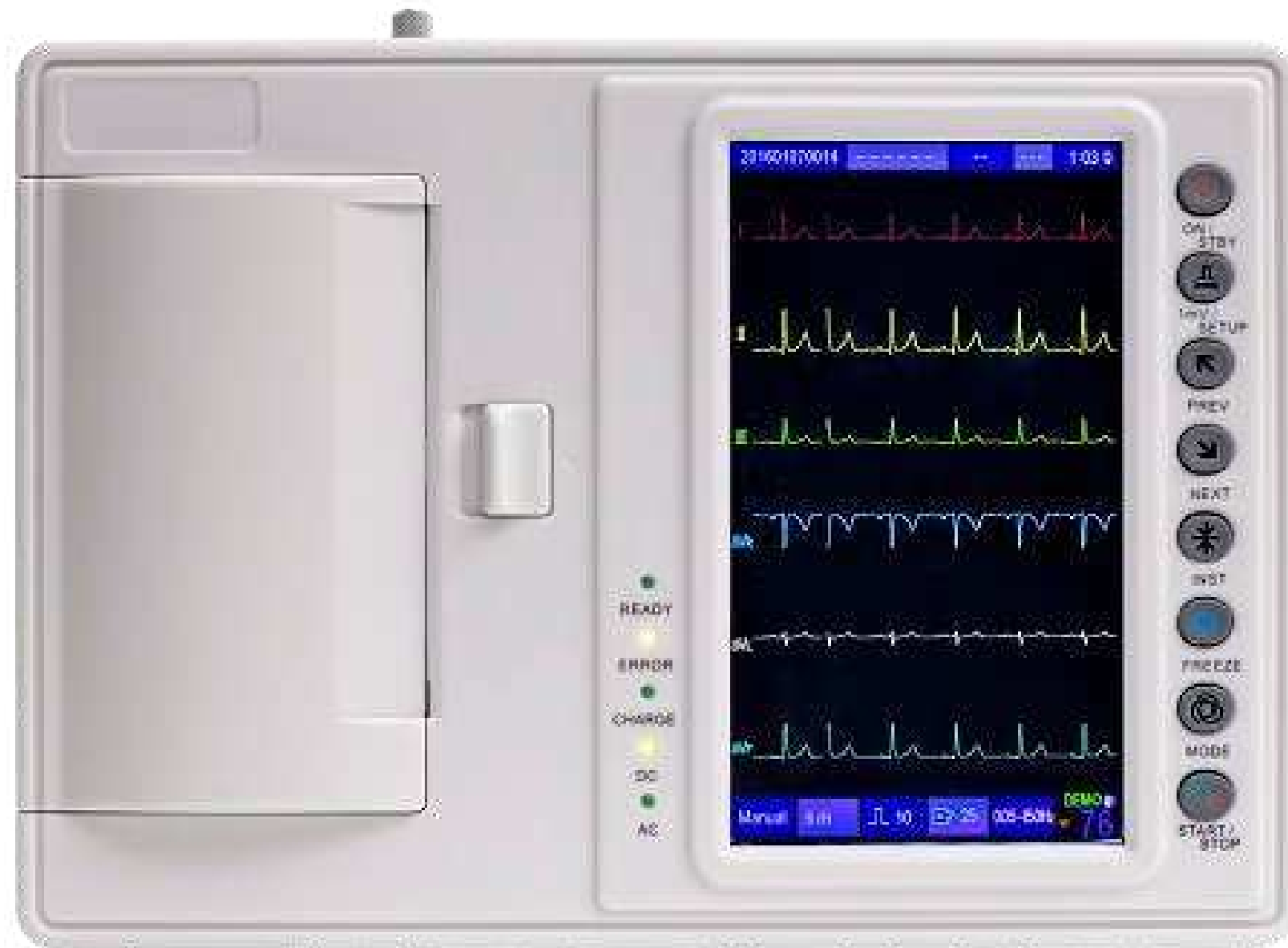
Manual: 5, 6.25, 10, 12.5, 25, 50, 100mm/s,5%

### **Dimension**

315mm(L) x 215mm(W) x 92mm(H)

Weight: 1.7Kg

# SSHL- 601G



## SSHL SIXCHANNEL ECG MACHINE

- TOUCH SCREEN
- COLOR & LARGE DISPLAY
- External USB card store 1000 reports
- Keyboard (Name. Age. Weight. Tall)
- AUTO INTERPRITATION
- SPEED UP TO 50mm/S
- BUILT IN RECHARGABLE BATTERY
- AC/DC POWER SUPPLY
- PC Built in USN/RS232interface
- Software upgrade automatically via USB

### **FILTER**

- EMG Filter:  
(25Hz/35Hz/45Hz/75Hz/100Hz,-3dB)
- DRIFT Filter: (0.5Hz,-3dB)
- AC: (50Hz or 60Hz, -20dB)
- Dimension: 285(W)\*200(D)\*55mm(H)
- Machine weight: 2.25 kg (machine only)

### **POWER SUPPLY**

- 11.1V 1800mA Li-poly rechargeable battery pack (DC)
- 220V±10%, 50Hz±2%, 75VA (AC)

### **SPECIFICATION**

- Lead: 12 leads, Standard or Cabrera, 12 leads simultaneously acquisition
- CMRR: >100dB (with AC filter)
- Input circuit current:  $\leq 1\text{A } \mu$
- Input Impedance:  $\geq 50\text{Mohm}$
- Time Constant:  $\geq 3.2\text{s}$ ;
- Frequency Response: 0.05Hz~150Hz (-3dB);
- Sensitivity: 1.25; 2.5; 5; 10; 20; 40mm/mV±2%
- Input Impedance  $\geq 50\text{M}\Omega$ ;
- Input Circuit Current  $< 0.05\mu\text{A}$ ;
- Noise Level  $< 15\mu\text{Vp-p}$ ;
- Patient Current Leakage  $< 10\mu\text{A}$  (220V-240V);
- Paper size: 110mm\*20m roll type
- LCD display: 800\*480 7 inch touchscreen LCD display ECG waveform, operation conditions, Time, Heart-rate, etc, support patient name, Age, Sex and Hospital name input

# SSHL-906



Touch Screen



## SSHL

### SIXCHANNEL ECG MACHINE

#### FEATURE

- 7inch(ECG-906A) 8inch(ECG-906B), touch screen, keypad input ways
- 6 channels ECG machine with automatic interpretation
- 112mm thermal recorder
- Simultaneous 12 leads acquisition and 6-channels recording.
- Manual/Auto working Modes
- TFT display 12 lead ECG wave & friendly menu setting.
- 100 patient information storage. SD card storage.
- 120 seconds ECG wave freeze and replay function.
- Lead-off detection and alert
- Digital filtering, resisting baseline drift, AC and EMG interference
- Built in rechargeable Li-ion battery, more than 3 hours continuously work, AC power supply at 90-240V, 50/60Hz
- Built in USB/RS232 interface (ECG working station software optional)

#### SPECIFICATIONS

- Lead: standard 12 leads
- Lead acquisition: 16bit/24bit 1000Hz (synchronously 12 leads)
- Printer: 112mm thermal recorder
- Work modes: MANUAL, AUTO modes
- Filter: AC Filter :50Hz / 60Hz;
- Anti-Drift Filter : 0.15Hz (Adaptive)
- CMMR: >100dB (with AC filter)
- Input circuit: floating; protection circuit against defibrillator effect
- Input impedance: >50M  $\Omega$
- Input circuit current: <0.05uA
- Input dynamic range: +5mVpp
- Patient current leakage: <10uA
- Calibrating voltage: 1mV+2%
- Voltage tolerance: +600mV
- Time constant: >3.2s
- Frequency response: 0.05-150Hz(-3db)
- Noise level: <20uV
- Sensitivity: 2.5, 5, 10, 20mm/mV
- Inter-channel interference: <0.5mm
- package: 32x25x17cm
- Package size: 54x33x75cm(8 unit per carton)

# SSHL-912



Touch Screen



## SSHL

### TWELVECHANNEL ECG MACHINE

- 7inch high resolution color touch screen.
- Full alphanumeric keyboard with shortcut keys, efficient in operation
- Simultaneous 12 leads ECG acquisition and display.
- Automatic ECG measurement and interpretation.
- Internal storage up to 1000 cases.
- Convenient for case review and statistic.
- Built-in rechargeable Lithium high capacity battery.
- ECG data can be transmitted to PC via USB.
- ECG reports can be saved and opened in PC via ECG playback software.

# CMS-1200G



Touch Screen



## CONTEC TWELVECHANNEL ECG MACHINE

ECG-1200G is an electrocardiograph which can collect 12-lead ECG signal simultaneously and print ECG waveform with thermal printing system. It features in, recording and displaying ECG waveform in AUTO/Manual mode, measuring and diagnosing ECG waveform parameters automatically (realize through PC software), prompting for “Lead off” and “Lack of paper”, multi language interface, AC/DC, selecting rhythm lead, printing the trend and histogram of P-R interval, case database management.

### Physical characteristic

Working environment

Temperature: 5 C ~ 40 C

Relative humidity: 25%~95%(non-condensing)

Atmospheric pressure: 700hPa~1060hPa

Transport and storage environment

Temperature: -40 C~+55 C

Relative humidity: <95%

Atmospheric pressure: 500hPa~1060hpa

Dimension: 240mm(L) x 320mm(W) x 85 mm(H)

Weight: 3.2Kg

# SSHL- 1201G SSHL



Touch Screen



## **TWELVE CHANNEL ECG MACHINE**

Lead: Standard 12 leads

Acquisition Mode: Simultaneous 12 leads acquisition

Measurement Range:  $\pm 5\text{mVpp}$

Input circuit: Floating; Protection circuit against Defibrillator effect

Input circuit current:  $< 0.05\mu\text{A}$

CMRR:  $> 100\text{dB}$

Patient leak current:  $< 10\mu\text{A}$  (220V-240V)

Frequency Response: 0.05Hz~150Hz (-3dB)

Sensitivity: 2.5mm/mV, 5 mm/mV, 10 mm/mV, 20 mm/mV (error:  $\pm 5\%$ )

Anti-baseline Drift: Automatic

Time constant:  $\geq 3.2\text{s}$

Noise level:  $< 15\mu\text{Vp-p}$

Paper speed: 12.5 mm/s, 25 mm/s, 50 mm/s

Recording mode: Thermal printing system

Paper specification: Roll 200mmx20M

Safety Standard: IEC I/CF

Sample Rate: Normal: 1000sps/channel

Power supply: AC: 100~240V, 50/60Hz, 30VA-100VA DC: 14.8V/2200mAh, built-in lithium battery

## **Physical characteristic**

7 inch high resolution color touch screen

12-lead simultaneous acquisition and display

ECG Automatic measurement and interpretation function

Complete digital filters, resisting baseline drift, AC and EMG interference

Compact and lightweight design

Support USB flash disk and micro SD card to extend memory

Software upgrade via USB/SD card

Built-in rechargeable Li-ion battery



# Thank You

For Your Attention



+91-9170019111, 9170018111



surgisourcehealthcare@gmail.com



www.surgisourcehealthcare.com



J-1312, Goldstar homes, Vrindavan  
Yojana, Lucknow

## WE ARE AVAILABLE ON GEM

**SURGISOURCE**  
— HEALTHCARE LLP —