

# ECG 12 PISTES BIONICS BCM-1200



LAN



USB/RS232



Bluetooth



WiFi



SD Card



External Printer



Touch Screen



## Caractéristiques:

3 / 6 / 12 pistes

Calcul des paramètres et interprétation pour enfants/adultes

Choix de fonctionnement : manuel ou automatique

Ecran tactile LCD 7 pouces en couleur

Connexion à l'imprimante externe et au lecteur de code-barres ou carte magnétique

Mémoire interne : 4000 enregistrements. En option mémoire SD ou USB

Papier rouleau 216/210 mm ou optionnellement papier accordéon (z-fold)

Interface de transfert de données : USB, Ethernet, LAN, Bluetooth, WiFi

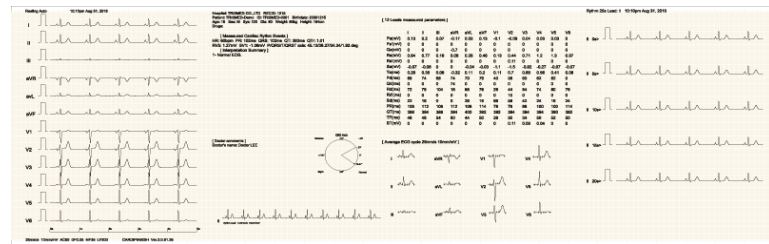
Mise à jour du logiciel via une clé USB

Une acquisition ECG très précise : 16 bi ADC

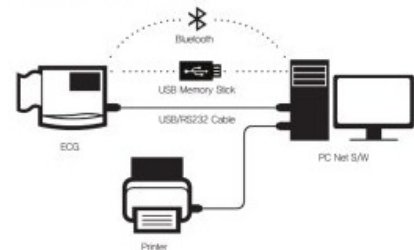
Formats standards HIS : DICOM, HL7, XML, SCP, PDF, PNG, JPG

Connectivité avec serveur PACS / BIONICS PCNet

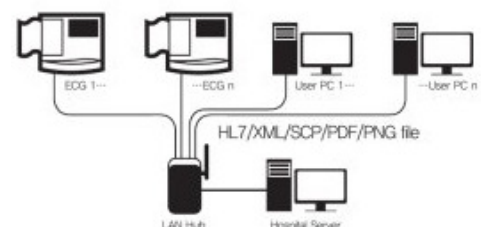
Support multilingue

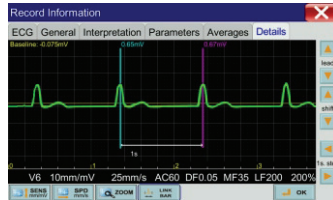
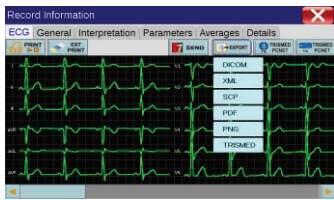


### · PC NET SYSTEM



### · HIS Net Work





# Technical Specifications

## Model No: BCM-1200

Recording Leads	12 standard leads : I, II, III, aVR, aVL, aVF, V1, V2, V3, V4, V5, V6			Digital Filter	Drift filter 0.5 Hz	Muscle Filter 25 / 35 Hz	AC filter 50 / 60 Hz	High frequency filter 75 / 100 / 150 / 200 Hz
Recording Channel	12-ch x 1, 6-ch x 2, 6-ch x 2+1R, 3-ch x 4, 3-ch x 4+1R, 3-ch x 4+3R (R: Rhythm)			Pace Maker Detection	Option			
Recording Lead Group	Standard / Cabrera / User pre-defined group			Arrhythmia Detection	Auto extend recording time to 20 ~ 60 sec by Ventricular Tachycardia and Bradycardia			
Recording Mode	Auto, Manual, Rhythm, Periodic, Auto Start, Elapsed, Calibration(1mV), Copy, TPH test			Data Management	Save / Delete/ Copy / Review / Transfer / Measure			
Full Disclosure Report	Min. 10 sec ~ Max. 10 min. by user set / Manual mode			Performance	AAMI standard requirements			
Recording Length	Min. 3 sec ~ Max. 85 sec. by user select ( Auto mode only )			Data Transfer I/F	USB memory stick / USB port / Ethernet LAN / Bluetooth (option)/Wifi (option)			
Recording system	Thermal printer head ( 8 dots/mm) / 203 (vertical) x 508 (horizontal) dpi			Data Save Memory (10 sec)	Internal memory: Standard 4,000 records / Optional SD card (12,000 records per 1GB) / Optional external USB memory stick (12,000 records per 1GB)			
Recording Thermal Paper	ECG Paper	216 (or 210) mm x 30 m, Roll type		BIONICS PCNet SW	Via Wire USB / Bluetooth / USB memory / LAN/Wifi			
	Fax Paper	Grid record		HIS Data I/F	HL7 / XML / SCP / PDF /JPG/ PNG / DICOM(PACS)			
Sensitivity (mm/mV)	2.5, 5, 10, 20, 40, Auto			External Device I/F(option)	Barcode Reader / Magnetic card reader / printer :HP psc1310 HP LeserJet Pro M201 M202 serial			
Interpretation (option)	Adult / Pediatric, Mean cardiac cycle with segment and measurement			Patient Leakage Current	Less than 10µA			
Stress ECG I/F (option)	Wire (RS232/USB) / Bluetooth, Treadmill/Ergometer and PC stress ECG S/W are required			Electrical Safety	Class I (Degree of protection against electrical shock) Defibrillation proof (5000VDC) based on type CF applied part Complied IEC60601-1 :2005( 3 <sup>rd</sup> edition), IEC60601-2-25:2011, IEC60601-1-2:2007			
Recording Speed (mm/sec)	Auto record 5, 10, 12.5, 25, 50, 100		Manual record 25, 50	Operation Power	AC	100 ~ 240VAC ±10 % ~50/60 Hz free voltage		
Display	Color TFT 7" LCD (Viewing area : 154.08mm x 85.92mm), Dots : 800 x 480				Battery	Built-in rechargeable battery. NiMH19.2V (2200mA) / 420 reports (150 min) per 12-ch x 1 (5 sec) auto record with fully charged battery		
Display Channel (Ch)	12 (6-ch x 2), 6 (3-ch x 2), 3 (3-ch x 1), 4 (2-ch x 2), 2 (2-ch x 1), 1 (1-ch x 1)			Dimension (mm)	333 (L) x 310 (W) x 105 (H)			
QRS Beat Display & Sound	30 ~ 240 bpm on real time.			Weight	3.3 Kg with battery			
Alarm Display and Sound	Lead-off detection for individual 10 lead, Battery level, Paper empty,HR			Temperature	Operating : +10 ~ +40 / Transport or Storage : -20 ~ +60			
Key Operation	Alphanumeric key by membrane and LCD touch screen			Relative Humidity	Operating : 30~75 % (non-condensing) / Transport or Storage: 10~90 % (non-condensing)			
Calibration Signal	Sensitivity and frequency response test by using internal 1 mV			Atmosphere	Operating : 70kPa ~ 106kPa / Transport or Storage: 50kPa ~ 106kPa			
Language	English / Spanish / Russian / Turkish / Mongolian / others by user request							
ECG Data Acquisition	Simultaneous 12-lead ECG							
Input Impedance	Greater than 100 MΩ per 10 Hz							
A/D Resolution	16 bits (0.17 µV/bit)							
A/D Sampling Rate	8,000 samples/8-lead/sec							
CMRR	Greater than 100 dB							
Frequency Response	0.05 ~ 200 Hz ( -3dB unfiltered )							
Time Constant	Greater than 3.2 sec.							

All specifications are subject to change without notice.