

NEW CARDIO 7: 12 CHANNEL RESTING ECG WITH TOUCH SCREEN

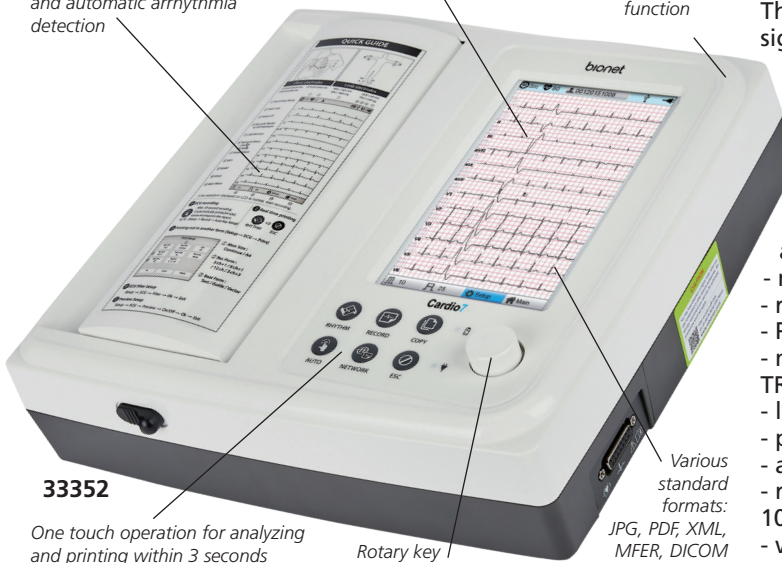
SOFTWARE BMS PLUS
for data storage on PC



Long term ECG recording and automatic arrhythmia detection

Touch screen operation full alphanumeric keyboard support

USB function



33352

One touch operation for analyzing and printing within 3 seconds

Rotary key access to all menus

Various standard formats: JPG, PDF, XML, MFER, DICOM

• 33352 NEW ECG CARDIO 7: 12 CHANNEL ECG WITH TOUCH SCREEN

The new Cardio 7 is an electrocardiogram (ECG) device capable of measuring and recording 12 channels of cardiac signals in adult and pediatric patients.

The device enables operators to record and print cardiac signals, review them using various viewing modes, perform automatic detection of cardiac conditions.

It is also possible to manage the digital files by transferring the stored data to a networked PC. This equipment is protected against the effects of cardiac defibrillator discharge.

- over 120 kinds of interpretation results based on advanced Minnesota code, HRV (Hearth Rate Variability analysis)
- memory for up to 200 patients
- real-time preview monitor
- PC compatible through LAN or USB flash drive
- multilingual selectable software (GB, FR, IT, ES, DE, PT, PL, RO, TR, RU, KR)
- lead fault message
- pace maker detection
- automatic arrhythmia detection
- record rhythm from 1 channel for an extended time (1, 5 and 10 minutes) then print it on A4 or letter size printing paper
- wide and clear colour 7" TFT LCD (800x480)
- touch screen for easy operation
- full disclosure function

- **32950 THERMAL PAPER A4 - box of 5 rolls**
- **29534 RECHARGEABLE Ni-MH 12 V BATTERY** for old model **33357 (up to S.N. T7xxxxxxx) - optional**
- **29536 RECHARGEABLE Li-Ion BATTERY** for **33357 (since S.N. T8xxxxxxx) and 33352 - spare**
- **29519 TROLLEY**
- **33328 ECG CABLE**

STANDARD ACCESSORIES

- Patient cable - 10 leads
- LAN cable
- 1 bottle of ECG gel (70 g)
- 1 power cord
- manual (GB, IT)
- 1 paper roll
- 4 limb electrodes
- 6 chest limb electrodes
- BMS Plus (GB, IT)
- Rechargeable Li-ion battery



TECHNICAL SPECIFICATIONS

ECG leads:	10 lead, 12 channel simultaneous ECG and acquisition	length:	A4 297 mm (11.7") letter 279 mm (11")
Dimension:	300x200xh 97.5 mm, approx. 3.5 kg	A4 report paper:	210x300 mm (8.5"x11")
Recording channel:	3 channels + 1 rhythm, 3 channels + 3 rhythm, 6 channels + 1 rhythm, 12 channels, 6 channels + st map 1 channel	Vertical:	8 dot/mm (0.125 mm pitch)
Gain:	2.5, 5, 10, 20, auto (I-aVF: 10, V1-V6: 5) mm/mV	Internal noise:	20 µV (p-p) max
Printing speed:	5, 12.5, 25, 50, 100 mm/s	Input impedance:	≥50 MΩ
Sampling rate:	Analysis - 500 s Digital - 8,000 s	Input voltage range:	≥ ±5 mV
Filters:	AC (50/60 Hz, -20 dB or better) Muscle (25-35 Hz, -3dB or better) Base line drift (0.05, 0.1, 0.2 Hz, -3 dB or better) Low pass filter: off, 40 Hz, 100 Hz, 150 Hz	Common mode rejection:	> 105 dB
Display:	7" color TFT LCD display (800x480), 12 channels preview ID, HR, gain, speed, power status	DC offset voltage:	≥ ±400 mV
Monitor display:	ID, date, sensitivity, speed, filter, form, rhythm lead	Patient leakage current:	< 10 µA
User interface:	Touch screen (alphanumeric and symbol available), Keyboard, rotary push-knob (pop-up menu)	Frequency response:	0.05-200 Hz in 3 dB
Patient data:	ID, name, age, sex, height, weight, smoke, race, department, room number, study...etc.	Isolated defibrillation and ESU protected	
Basic measurement:	Heart rate (30-300 bpm, ± 3 bpm), PR/RR int., QRS dur., QT/QTc int., P-R-T axis, SV1/RV5/R+5 amp.	Signal quality control:	Lead fault detection, signal saturation detection Pacemaker pulse detection
Recorder:	Thermal print head, roll paper width: A4/Letter 215 mm (8.5")	ECG data storage:	storage for 200 ECGs, built-in memory
		Power:	input: 100-240 V, 1.5-0.75 A, 50-60 Hz output: 15 V, 4.2 A
		Battery (Li-ion):	Replaceable and rechargeable, lithium ion, 10.8V, 3250mA 6 hours of normal use or print 200 ECG pages (12 channel format at 25 mm/s and 10 mm/mV) Battery complete charge in 3 hours with power off
		Communication:	PC connection with LAN, WiFi (option), USB flash drive, USB barcode scanner (option)
		Safety conformity:	Class I, Type CF, CE, CSA, FDA, KFDA, CFDA, CCC

ECG CABLE COMPATIBLE WITH MOST ECG BRANDS

• 33328 ECG cable - 10 leads

Long lasting, individually tested cable compatible with the following ECG machines:

BIONET: Cardiocare, Cardiotouch, Cardio 7
CARDIOLINE: E1, E1R, E3, Delta 300, Delta 360, C3.

CARDIETTE (Elettronica Trentina):

Autoruler 12/1, Autoruler 12/3, Excel 103, Excel 106, Astron Comp 1, Astron Comp 3, Astron Comp 6, Start 100 P, Start 100 H, Start 200, Start 200HV, AR600, AR 600 ADV, AR1200, AR1200ADV.

CARDIORAPID CAMINA: K111, K112, K33, K36, K300 M, K300 P, K600 P, K600 D, K130 B, K 130 D.

CONTEC: 100G, 300G, 600G, 1200G

EDAN: Smart SE-1, SE-3

ESAOTE: P80, P8000

GIMA: CARDIOGIMA 1M, 3M, 6M, 12, 12M

HP: Pagewriter 1513, 154B/C, 1514D, 1515A/B, 1517A.

KONTRON EKG P80

MACQUAIRE CT100, CT200.

M4 MEDICAL: M traces

NIHON - KOHDEN Cardiofax 651, 6581, 8110.

PROGETTI all models: EPG junior, EPG view, EPG6 view, EPG6 view plus

SCHILLER AT/1, AT/2, AT/3, AT/4, AT/5, AT/6,

AT/10, CS6, CS12, CS100, CV6, P80.

