

CARDIO 7: 12 CHANNEL RESTING ECG WITH TOUCH SCREEN

SOFTWARE EKG VIEW PLUS
for data storage on PC

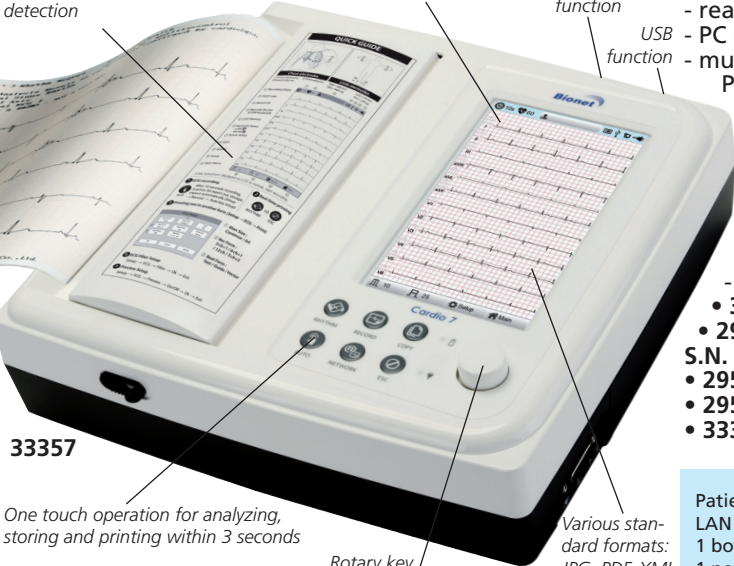


Long term ECG recording and automatic arrhythmia detection

Touch screen operation full alphanumeric keyboard support

Optional spirometer function

USB function



33357

One touch operation for analyzing, storing and printing within 3 seconds

Rotary key access to all menus

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

- **33357 ECG CARDIO 7: 12 CHANNEL ECG WITH TOUCH SCREEN**
- 12 channel interpretive ECG for adult, pediatric and neonatal use
- over 130 kinds of interpretation results based on advanced Minnesota code, HRV (Heart Rate Variability analysis)
- memory for up to 200 patients
- real-time preview monitor
- PC compatible through LAN or Wi-Fi
- multi-language selectable software (GB, RU, FR, DE, IT, CN, ES, TU, PL, RU, PT)
- lead fault message
- pace maker detection
- automatic arrhythmia detection
- 3, 5, 10 minutes long term recording
- grid function allows you to use low cost plain fax 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 up to S.N. T7xxxxxxx - optional**
- **29536 RECHARGEABLE Li-Ion BATTERY since S.N. T8xxxxxxx - optional**
- **29519 TROLLEY**
- **33328 ECG CABLE**

STANDARD ACCESSORIES

- Patient cable - 10 leads
- LAN cable
- 1 bottle of ECG cream (70 g)
- 1 power cable
- manual (GB, IT)

- 1 paper roll
- 4 limb electrodes
- 6 chest limb electrodes
- EKG View Plus (GB, IT)

TECHNICAL SPECIFICATIONS

ECG leads : 10 lead, 12 channel simultaneous ECG and acquisition
 Dimension: 300(W) x 299(H) x 123(D)mm, approx. 3.5 kg
 Recording channel: 3 channels + 1 rhythm, 3 channels + 3 rhythm, 6 channels + 1 rhythm, 12 channels, 60 seconds
 1 channel, 3, 5, 10 minutes 1 channel and beat report
 2.5, 5, 10, 20, auto (I~aVF: 10, V1~V6: 5) mm/mV
 Sensitivity: 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, -3dB or better)
 Low pass filter: off, 40 Hz, 100 Hz, 150 Hz
 Display: 7" color TFT LCD display (800x480), 12 channels preview ECG wave
 Monitor display: ID, date, sensitivity, speed, filter, form, rhythm lead
 User interface: Touch screen (alphanumeric and symbol available), Keyboard, rotary push-knob (pop-up menu)
 Patient data: ID, name, age, sex, height, weight, smoke, race
 Basic measurement: Heart rate, PR int, QRS dur, QT/QTc, P-R-T axis
 Recorder: Thermal print head, roll paper
 A4 report paper: 210x300 mm (8.5"x11")

Resolution: Vertical: 8 dot/mm
 Horizontal: 16 dot/mm
 Electrical: Internal noise: 20 µV (p-p) max
 Input circuit: floating input
 Input impedance: ≥50 MΩ
 Input voltage range: ≥ ±5 mV
 Common mode rejection: > 105 dB
 DC offset voltage: ≥ ±400 mV
 Time constant: 3.2 sec
 Patient leakage current: < 10 µA
 Frequency response: 0.05 ~150 Hz
 Isolated and defibrillation protected
 Signal quality control: Disconnected lead detection
 Pacemaker pulse detection
 ECG data storage: storage for 200 ECGs (Internal on flash memory)
 Power: AC 100~240 VAC, 50/60 Hz or battery (option)
 2.0~1.0 A, 60 VA max
 Battery (Li-Ion): 4 hours of normal use (approx.200 ECG printouts)
 Communication: PC connection with LAN D2 Wi-Fi
 Safety conformity: Class I, Type CF, CE, CSA, FDA, KFDA, CFDA, CCC

SPIROMETER MODULE FOR CARDIO 7

• **33356 SPIROMETER MODULE - for code 33357**

It transforms CARDIOGIMA 7 in a 2 in 1 system: ECG-SPIROMETER.

Spirometry measuring values:

FVC: FEV 1.0, FEV 1/FVC, FEV 0.2-1.2L, FIVC, FEV 25-75, FEV 75-85%, PEF, FEF 200-1200 ml, FEF 25%, FEF 50%, FEF 75%, PIF, FET 100%, FIVC.

SVC: SVC, ERV, IRV, TV, EC, IC,

MVV: TV, MVV, FB

Pre and post bronchodilator comparison.

Presentation: flow volume loop, flow time plot, measurement values table. Complies with ATS standard.

• **33362 DISPOSABLE MOUTHPIECES - box of 100 pcs.**

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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

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, 1,200G

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.

