

Pursuing New Standard of ECG

Cardio Q50

12CH Resting ECG



Explore

A New Generation of Healthcare Solution

Operator in mind design

Cardio Q50 is designed for optimized workflow for maximizing the effective procedures and accuracy with an alphanumeric keyboard as well as information security measurement applied.

High-capacity built-in memory for data convenience

- 30 min full disclosure
- 500 ECG data

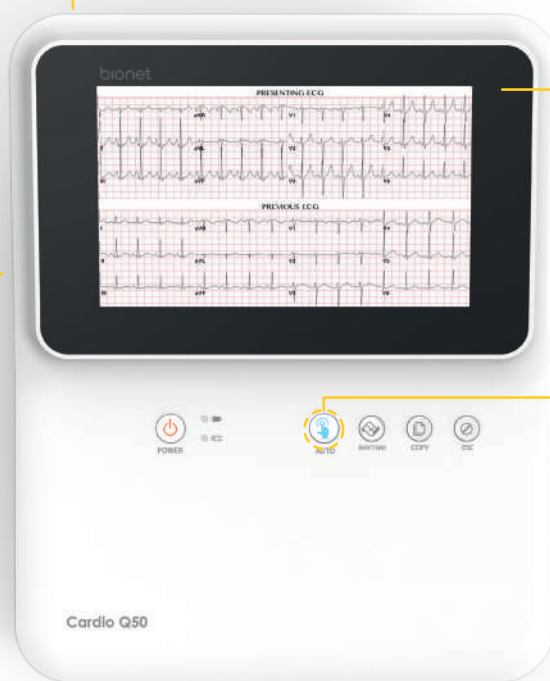
Go paperless

Optional thermal printer
Optimized design for paperless & cost-effective printer option with A4/Letter sized report format

Maximized built-in battery operation

Rechargeable Li-ion battery supports
10 hrs / 350 ECG data printout capability*

* Battery hour can be varied by temperature & humidity environment.



8" wide capacitive touchscreen
1,024 X 600

Color wide display with clear contrast resolution



Optimized AUTO button

AUTO button offers "Simple Workflow" from acquisition to documentation in 3 sec



Barcode scanner

for easy patient registration

More connectivity, more values

Cardio Q50 offers the wide range of connectivity of HDMI output, 3-USB ports for spirometer connection, external memory capacity and LAN port for data transmission with HIPAA compliant security measures applied.



Spirometer (Option)

External USB connection with various test modes :
COPD, FVC, SVC, MVV



LAN / Wireless LAN Connectivity with HIPAA Compliant transmission



Save user profiles & settings

Save & retrieve to other devices

External USB data storage in

PDF, XML, MFER, BMP, JPG, DICOM



HDMI output for a larger screen

Make a use of convenient large screen display



Smart "AUTO" workflow

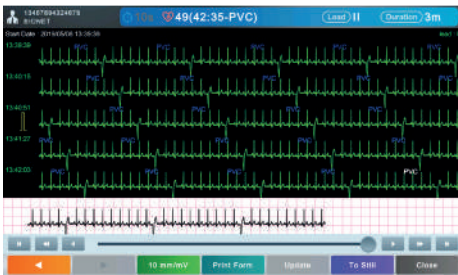
One touch of "AUTO" triggers 5 steps of workflows in 3 seconds.



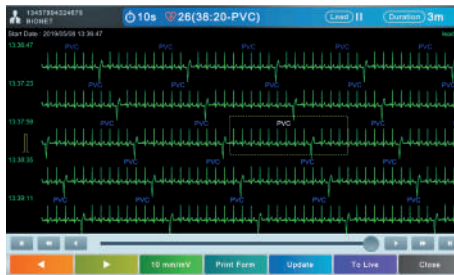
- ➔ Acquisition ➔ Analysis ➔ Documentation
- ✓ Store
- ✓ Printout
- ✓ Export (Server or USB)

Diagnosis & interpretation

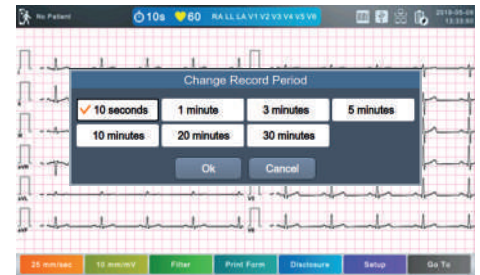
Cardio Q50 offers the advanced & various interpretation & diagnosis modes promptly & accurately, supporting the effective workflow for your better clinical decisions.



30 min full disclosure
with live data comparison mode
with single screen display



Real-time interpretation
Acquire & interpret ECG data
in real-time without delay
for better informed decisions of arrhythmia
with 120 kinds of diagnosis



Long-term recording up to 30 min
Run up to 30 min ECG acquisition
to see HRV trend with one touch command

Various report formats for easier patient status understanding and better clinical decisions.

Advanced spirometry test mode

Cardio Q50 supports optional spirometry with combined patient data storage of ECG & spirometry test result, boosting the effective workflow for multiple tests at one site.



ID	Name	Sex	Age	Date/Time	Study
123456789012345	Bionet	M	45yr	2019-05-13 17:01:07	FVC+
123456789012345	bionet	M	32yr	2019-05-10 18:53:49	ECG
123456789012345	bionet	M	32yr	2019-05-10 18:52:09	ECG
123456789012345	bionet	M	32yr	2019-05-10 13:49:15	ECG
w24567890432	ljo	F	45yr	2019-04-30 18:50:35	FVC

Combined patient data of ECG, spirometry per patient for effective data management

The Glasgow ECG algorithm*

The Glasgow ECG interpretation algorithm provides reliable and accurate diagnosis accounting for age, gender and race.

principally featured in :

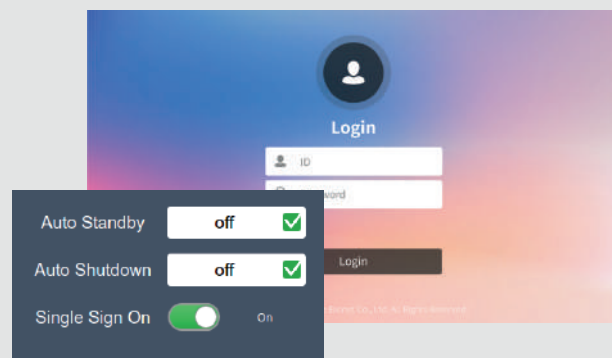
- AHA / ACCF / HRS recommendations
- Helping in QTc measurements facilitating assessment of cardiac risk
- Highly effective in STEMI interpretation (ST segment Elevation Myocardial Infarction)
- Meets all requirements of IEC 60601-2-25

* Bionet has a license agreement with Glasgow University to use Glasgow ECG algorithm for Cardio Q70 / 50 series.

Bionet's HIPAA*

compliant measures

- All data encrypted & protected for cyber security
- Different ID, PW, roles & authentication management per user
- Auto Standby & Shutdown mode ready
- Hide patient name & hospital information
- Event log



* HIPAA : Health Insurance Portability and Accountability Act.

ECG Line-up with new design

ECG Cart



Cardio P1 PC ECG



Cardio Q70



Cardio Q with printer



Cardio Q without printer



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