

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 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

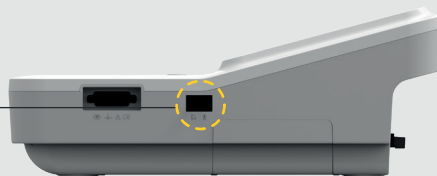


## Save user profiles & settings

Save & retrieve to other devices

## External USB data storage in

PDF, XML, MFER, BMP, JPG, DICOM



**LAN / Wireless LAN Connectivity with HIPAA Compliant transmission**

## 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.

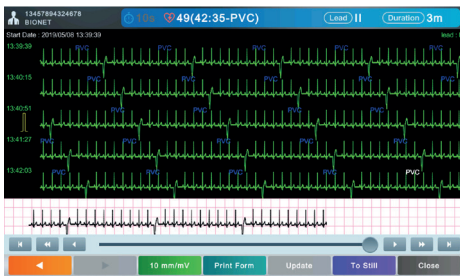


AUTO

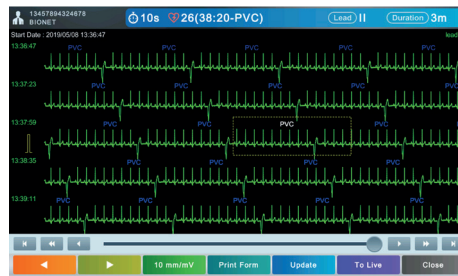


## Diagnosis & interpretation

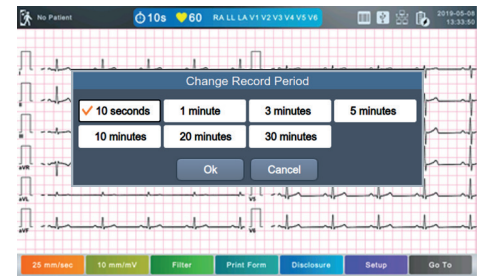
Cardio Q50 offers the advanced & various interpretation & diagnosis modes promptly & accurately, supporting the effective workflow for your better clinical decisions.



**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

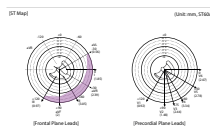


**Long-term recording up to 30 min**  
Run up to 30 min ECG acquisition  
to see HRV trend with one touch command

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

TEXT >

VECTOR >



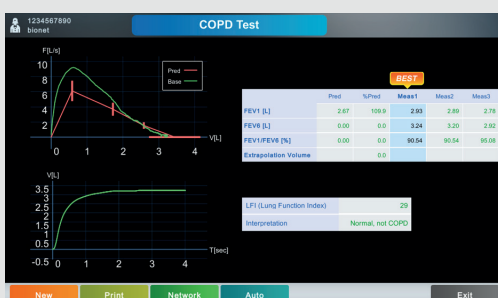
ST Map  
Bionet patented

>>

Clinical  
Decision

## 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.



Q File 1/43

ID	Name	Sex	Age	DateTime	Study
12345678912345	Bionet	M	45yr	2019-05-13 17:01:07	FVC+
123456789012345	bionet				
123456789012345	bionet				
123456789012345	bionet				
w24567806432	ljo				

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.

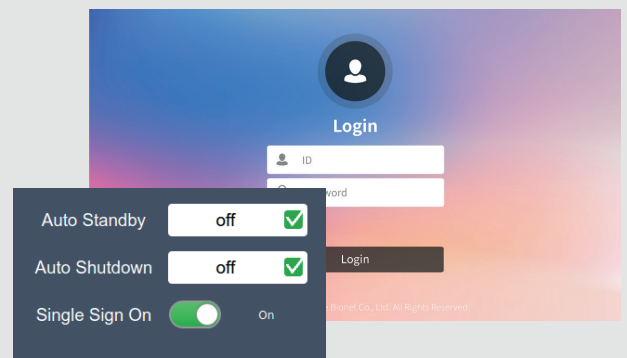
principally featured in :

- 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'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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