

New-generation Holter

Innovative Technology



TeleAECG Series
Model: BI9900/BI9100

Highlights

Superb ECG Amplifier

Holter ECG waveform quality as good as Rest ECG's.

Waterproof

Protection against water splashes & dust.

Long-term Recording

Up to 30 days of continuous beat-to-beat recording.

Color Display

Color ECG display with 3 channels simultaneously.

3D Acceleration Sensor

Automatic detection of patients' position and movement status.

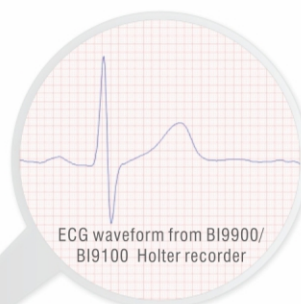
Holter ECG/ PC ECG */ Stress ECG*, 3-in-1

Holter recorder, PC ECG acquisition unit,
Stress ECG acquisition unit, 3-in-1.

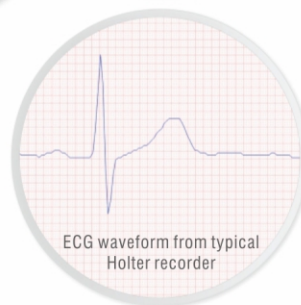
Real-time Analysis and Wireless Transmission*

Automatic arrhythmia detection and wireless ECG transmission.

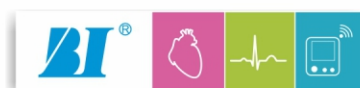
Items with*are optional



ECG waveform from BI9900/
BI9100 Holter recorder



ECG waveform from typical
Holter recorder



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Technical Specification

BI 9900 only BI 9100 only

General

Dimensions	80 x 59 x 18 mm(3.15 x 2.32 x 0.7 inch)
Weight	63g (battery included)
Battery	1 x AA Alkaline / Lithium / NiMH
Operating time	Up to 30 days of continuous Holter recording
Controls	3 keys
Display	OLED color display
Connector	Patient cable/USB cable
Available patient cable	4 leads, 3 bipolar channels 5 leads, 3 unipolar channels 7 leads, 3 independent bipolar channels 10 leads, Einthoven/Goldberger/Wilson leads

Remark: 3 leads available if necessary.

Parameters

Channels	12 or 3 channels(2-in-1) / 3 channels
Lower cut-off frequency	0.05 Hz
Upper cut-off frequency	240Hz
Input dynamic range	± 20mV
Offset voltage range	± 300mV
Time constant	>3.2s
Anti-defibrillation	Integrated into patient cable*
Pacemaker detection	Yes, pulse width 0.1~2 ms/pulse amplitude 2~200mV
Lead-off detection	Yes
Battery level detection	Yes

Special Features

Waterproof	IPX6 grade
3D acceleration sensor	Position and movement status detected
Wireless transmission	Optional

Storage

Storage type	Removable SD card
Sampling rate	Up to 32000 Hz / channel
Resolution	24 bit
Data storage	250~1000Hz (adjustable in recorder menu)
Memory capacity	≤32G
Data transfer	USB/SD card reader/Bluetooth

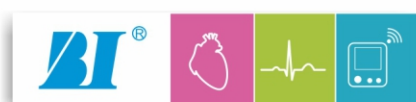
Classifications

Product classification	Ila in accordance with 93/42/EEC
Applied part	Type CF
UMDNS code	12388

Environmental

Operating temperature	5~45℃
Storage temperature	-20~60℃
Operating humidity	≤80%
Storage humidity	5-90%

Item with * is optional.



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