

# New-generation Holter Innovative Technology



TeleAECG Series  
Model:BI9900 / BI9100

## Highlights

### Long-term Recording

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

### 3D Acceleration Sensor

Automatic detection of patients' position and movement status.

### Waterproof

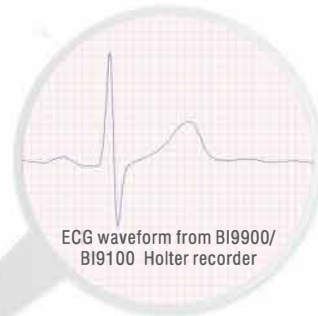
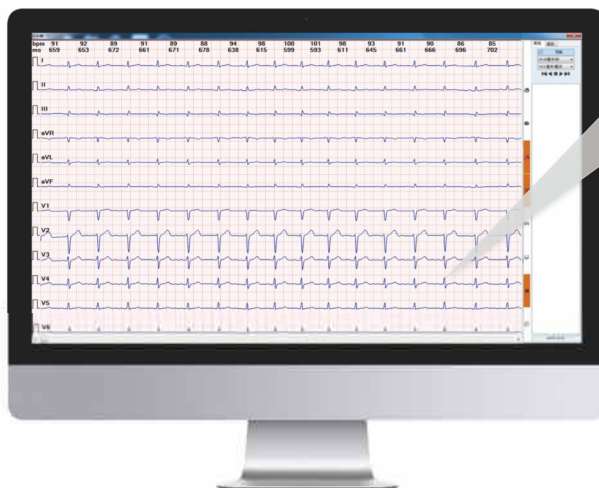
Protection against water splashes.

### Color Display

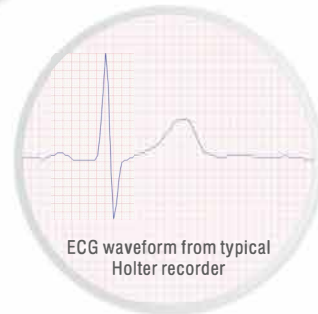
Color ECG display with 3 channels simultaneously.

### Superb ECG Amplifier

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



ECG waveform from BI9900/  
BI9100 Holter recorder



ECG waveform from typical  
Holter recorder



## Technical Specification

■ BI9900    ■ BI9100

### General

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

Remark: 3 leads available if necessary  
\*Complies with AHA/IEC Standard

### Parameters

Channels	■ 12-/3-channel(2-in-1)    ■ 3-channel
Lower cut-off frequency	0.05Hz
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

### 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 (EU) 2017/745
Applied part	Type CF
UMDNS code	12388
EMDN code	Z120504
Safety standards	IEC 60601-1 / IEC 60601-1-2 / IEC 60601-2-47

### Environmental

Operating temperature	5~45℃
Storage temperature	-20~60℃
Operating humidity	10%~95% Non-condensing
Storage humidity	5%~95% Non-condensing

Item with \* is optional.

Specifications are subject to change without prior notice.



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