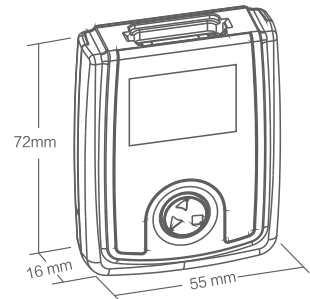


# BI<sup>®</sup> Smart Holter Recorder

## BI6812 / BI6803



### Highlight Features

Channels: 12-/3-channel

Compact size: 72 mm x 55 mm x 16 mm

Operating time: Up to 7 days

Sampling rate: Up to 1024 Hz/16 Bit

Display: LCD, 128 x 64 dot matrix

Storage medium: Removable SD card

Data transfer: USB or SD card reader\*

Pacemaker detection: Yes

*Item with\* is optional.*

### Features

- **Compact Size, Light Weight**  
72mm × 55mm × 16mm  
Approx. 48 grams (battery not included)
- **Fully Programmable, High Fidelity, Research Grade Performance**  
Sample rate up to 1024 samples per second  
No data compression  
8, 10, 12 or 16 bit resolution
- **Multifunction**  
12 or 3 channels, automatic selection via patient cables.
- **Lower Power Consumption**  
Powered by a single AAA battery  
24h, 48h or up to 7 days of full disclosure
- **Removable SD Card**  
8GB card supports up to 7 days of 3-channel recording
- **128x64 Dot Matrix LCD Display**  
Visual confirmation of patient hook up  
Provides on demand ECG review of all channels  
Confirms programming instructions before recording
- **Programmable Pacemaker Detection**  
Real-time detection and display of pacemaker pulse
- **Multi-languages Available**



# BI<sup>®</sup> Smart Holter Recorder

## BI6812 / BI6803



### Technical Data

■ BI6812    ■ BI6803

#### General

Dimensions	72 mm x 55 mm x 16 mm
Weight	48g (battery excluded)
Battery	1×AAA Alkaline/Lithium/NiMH
Operating time	■ 24 h~72 h    ■ 24 h~168 h
Controls	3 keys, multi-lingual
Display	LCD, 128 x 64 dot matrix
Connectors	Patient cable / USB cable

<b>Available patient cables</b>	■ 4 leads, 3 bipolar channels
	■ 5 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  
\* Complies with AHA/IEC Standard

#### Parameters

Channels	■ 12-/3-channel(2-in-1)    ■ 3-channel
Lower cut-off frequency	0.05 Hz
Upper cut-off frequency	60 Hz
Input dynamic range	± 5 mV
Offset voltage range	± 300 mV
Pacemaker detection	Yes, pulse width 0.1~2 ms/pulse amplitude 2~200mV
Lead-off detection	Yes

#### Memory

Storage type	Removable SD card
Sampling rate	Up to 1024 Hz
Resolution	8Bit / 10Bit / 12Bit* / 16Bit*
Data storage	Max. ■ 512 Hz    ■ 1024 Hz
Memory capacity	≤ 32G
Data transfer mode	USB 2.0

Item with\* is customizable.

#### 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 °C
Storage temperature	-20~60 °C
Operating humidity	10%~95% Non-condensing
Storage humidity	5%~95% Non-condensing

Specifications are subject to change without prior notice.



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