



## Mini Holter Recorder 9800

- Dimensioni compatte
- Peso di soli 42 gr
- Completamente programmabile
- No compressione segnale
- Rilevatore di Pace Maker
- 12 derivazioni o 3 canali selez. cambiando cavo paziente
- Display LCD grafico
- Bassi consumi
- Trasferimento dati tramite USB veloce o Card estraibile
- Compact size 68x53x16 mm
- Light weight (approx 42 gr)
- Fully programmable
- No data compression
- Pace Maker detection
- 12 leads or 3 channels switchable by patient cable
- Dot matrix LCD display
- Lower power consumption
- Data transfer by Hi speed USB or Card reader

# SPECIFICATIONS

## BI 9800 series

■ BI9800TL+12 only 
 ■ BI9800TL+3 only 
 ■ BI9800TL+7D only

### General

Dimensions	68 mm x 53 mm x 16 mm
Weight (w/o battery)	42g
Battery	1 x 1.5V Alkaline (LR03 /AAA)
	1 x 1.2V NiMH (AAA)
	1 x 1.5V Lithium (LR03/AAA)
Operating time	<span style="color: blue;">■</span> 48 h <span style="color: red;">■</span> 96 h <span style="color: green;">■</span> 168 h
Controls	3 keys, multi-lingual
Display	LCD, 128 x 64 dot matrix
Connectors	Patient cable
	USB data transfer
Available patient cables	3 channels (7/5/4/3 electrodes)
	12 leads (10 electrodes)

### Parameters

ECG channels	<span style="color: blue;">■</span> 12-lead or 3-channel, automatic selection via patient cable (Wilson leads)
	<span style="color: red;">■</span> <span style="color: green;">■</span> 3 independent, bipolar channels or unipolar channels (Wilson leads), or 3 Einthoven leads, automatic selection via patient cable
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	Unipolar, bipolar and biventricular systems
Pulse width	0.1 ~ 2 ms
Pulse amplitude	2 ~ 250 mV
Lead-off detection	Yes

### Memory

Storage type	Removable SD card
Sampling rate	1024 Hz
Resolution	8Bit / 10Bit / 12Bit / 16Bit
Data storage	Max. <span style="color: green;">■</span> 512 Hz <span style="color: blue;">■</span> <span style="color: red;">■</span> 1024 Hz
Memory capacity	> 1 GB
Data transfer mode	Hi-Speed USB 2.0 & Card reader
Data transfer time	< 30 s (for 24h, 12-channel ECG)

### Classifications

Product classification	Ila in accordance with 93 / 42 / EEC
Classification of applied part	Type CF (Cardiac Floating)
UMDNS code	12-388

### Operating conditions

Temperature	5 °C ~ 45 °C
Relative humidity	10 ~ 95 %, non-condensing

### Storage and transport conditions

Temperature	-20 ~ 65 °C
Relative humidity	5 ~ 95 %, non-condensing



ISO9001:2007  
ISO13485:2003

