

RENCARE Holter Recorder

i12Plus/i12/i3Plus/i3



i12Plus i12

Highlight Features

- Recording: 3/12-channel ECG
- Sampling rate: up to 1024Hz/16Bit
- Display: 1.3 inches OLED screen, 128*64 dot matrix
- Recording time: up to 7 days
- Storage medium: removable micro SD Card, ≥4GB
- Data transfer: Hi-Speed USB 2.0, SD card-reader
- Pacemaker detection: Yes
- sleep management: Yes

Features

- **Compact/Lightweight**
75 * 55 * 16mm
50g (battery not included)
- **Sampling rate: 1024 HZ/16 Bit**
Sampling rate is up to 1024 samples/channel/second
16 bit resolution
- **Data storage and transfer**
Data storage: removable micro SD Card, ≥4GB
Data transfer: Hi-Speed USB 2.0, SD card-reader
- **3/12-channel digital recording, automatic selection via patient cable**
- **Real-time waveforms display**
128*64 dot matrix OLED display
Provide real-time OLED display of ECG waveforms of all channels
- **Real-time detection and display of pacemaker pulse**
- **Powered by 1 AAA alkaline batteries, up to 96 hours 12-channel ECG recording or 7 days 3-Channel ECG recording**
- **Support multi-languages, easy and friendly to operate**



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RENCARE Holter Recorder

i12Plus/i12/i3Plus/i3



Technical Specifications

General	
Weight	50g ±5g (battery not included)
Dimensions	70 * 55 * 16 mm (±2mm)
Battery	one AAA alkaline battery
Recording time	1~7 days optional
Storage medium	removable micro SD Card, ≥4GB
Data transfer	Hi-Speed USB 2.0, SD card-reader
Display	1.3 inches OLED screen, 128*64 dot matrix
Regulatory compliance	CE Marked, ISO 13485 Certified ISO14001 Certified

Parameters	
Number of ECG channels	3 or 12 channels
A/D Resolution	16 bit
Sampling rate	1024 samples/channel/second
Input dynamic range	±5mV
Input impedance	≥10MΩ
CMRR	≥80dB
Offset voltage range	±300mV
Frequency Response	+0.4dB -3.0dB (0.05~60Hz)
Pacemaker pulse detection	Yes
Pulse width	0.1~2ms
Pulse amplitude	2~200mV
Event mark	Yes

Classifications	
Product classification	II a in accordance with 93/42/EEC
Protection against electric shock type	Internally powered equipment
Protection against electric shock degree	Type CF
Suitability for use in an OXYGEN RICH ENVIRONMENT	Not Category AP / APG equipment
Mode of operation	Continuous operation
UMDNS code	12-388

Accessories

Accessory	Quantity	Note
10 Lead Patient Cable(IEC)	1 piece	Standard i12 plus/ i12 applied
5 Lead Patient Cable(IEC)	1 piece	Standard i3 plus/ i3 applied
7 Lead Patient Cable(IEC)	1 piece	Optional
Micro SD Card(4GB)	1 piece	Standard
AAA Battery	1 piece	Standard
Cross-screwdriver	1 piece	Standard
Disposable Electrode	10 piece	Standard
Carrying bag & Strap	1 piece	Standard
Recorder Operation Manual	1 piece	Standard

Product Model

Product Model	Number of ECG channels	Screen Size
i3 Plus	3 channels	1.3 inches
i12 Plus	3 channels and 12 channels	1.3 inches
i3	3 channels	No
i12	3 channels and 12 channels	No



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