User's Manual

ECG recorder



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1. The basics

This manual contains the instructions necessary to operate the product safely and in accordance with its function and intended use. Observance of this manual is a prerequisite for proper product performance and correct operation and ensures patient and operator safety.

1.1 Safety



Marnings and Cautionary Advices

- Before using this equipment, please read this manual carefully and fully understand the warnings and risks.
- This device is not intended to replace the medical diagnosis of a professional doctor.
- The measurement results of this device are for reference only and cannot be directly used as a basis for clinical treatment.
- We do not recommend the use of this device if you have a pacemaker or other implantable device in your body. Please follow the doctor's advice if necessary.
- This device cannot be used with a defibrillator.
- This device cannot be used during ct or nuclear magnetic resonance (MRI) procedures.
- This equipment must not be used in a flammable environment (eg oxygen-rich environment).
- This device is not intended for use by infants weighing less than 10 kg.
- Do not swim or submerge the device in the water. Do not immerse the device in water or other liquids.
- Do not use acetone or other volatile solutions to clean the

- device.
- Do not strongly collide or crush the device. If the casing is broken, stop using it.
- This device cannot be placed in a pressure vessel or gas sterilization equipment.
- Do not disassemble the device at will, otherwise it may cause machine malfunction or affect the normal operation of the device.
- Keep this device out of the reach of children or pets, pests.
- This device should not be used on people with sensitive skin or allergies.
- This equipment cannot be placed in the following environments: direct sunlight, high temperature, high humidity, close to water or fire sources, and high electromagnetic influence.
- Users should try to avoid sweating. The sweat will affect the contact between the electrodes and the skin, affecting the quality of the measurement.
- Users should inspect loosened electrodes, that can degrade performance or cause other problems
- Do not participate in violent or extensive physical activity in order to make appropriate measurements.
- The measurement results of this device cannot distinguish all diseases. If your body feels unwell, you should consult your doctor immediately, in addition to the measurement results of this device.
- Do not self-diagnose and take medication based on the measurements of this device without consulting your doctor.In particular, do not take new medications without prior permission.
- This device is not a substitute for professional heart or

other organ function measurement equipment. Medical ECG measurement requires more professional and complete measurements.

- This device cannot be used to diagnose a disease directly. Please consult your doctor.
- We recommend that you record your ECG curve and the results of the measurements and provide them to your doctor if necessary.
- Waste (including the equipment itself is scrapped) is disposed of in accordance with relevant laws and regulations.
- When the ambient temperature is 20 $^{\circ}$ C, the minimum and maximum storage temperature from the product to ready for use is 2H (the time required) .
- The patient is the expected user.
- Do not pile up the long tubing at the head of the bed, as it may wrap around the head or neck of the patient during sleep.
- Li batteries capacity will decrease after charge discharge for 300 times.
- The electrodes (Applied parts) should not contact other conductive parts including earth

2. Introduction

2.1 Name and Model

Product Name: ECG recorder

Product Model:

EM-A,EM-B,EM-C,EMobile-A,EMobil e-B,EMobile-C

No.	Model	Enclosure Color	A single data record time
1	EM-A	Gray	5min
2	EM-B	Gray	10min
3	EM-C	Gray	15min
4	EMobile-A	White	5min
5	EMobile-B	White	10min
6	EMobile-C	White	15min

2.2 Intended Use

The product is intended to measure, review and store adults' ECG data at home or in healthcare environment, does not contain an auto-analysis function.

2.2.1 Contraindications:

The product is not intended for use in patients with cardiac pacemakers or other implantable devices.

2.3 About ECG recorder

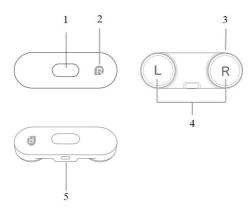


Figure 1

- Display screen
 It can display time, power, waveform and heart rate when measuring.
- Logo on the right
 When measuring, the R mark is located on the right side of the user.
- 3. LED indicator

Off: The device is not activation or battery is run out.

Green: When the battery is fully charged.

Green and flash(According to patient heart rate rhythm):

The device is working normally.

Green and flash(5 seconds apart): measurement completed and the device is in normal standby mode.

Yellow: The device is charging, the yellow light turns off and the green light turns on when fully charged.

Yellow and flash(5 seconds apart): the battery is low(Standby mode).

Blue: The device is in Bluetooth connection.

Indicator	Status	Description
/	Off	Not activatedOut of battery
Green	Flashing with the rhythm of the heartbeat	Recording your EKG
light	Flashing every 5 seconds	Fully chargedIn standby mode
Orange	On	Charging
light	Flashing every 5 seconds	Low Battery
Blue light	On	Connected to the App and ready to start recording
	Flashing with the rhythm of the heartbeat	Connected to the App and recording your EKG

4. ECG electrode

It is used to connect the body surface and receive the human body ECG signal.

5. Charging interface Used to connect the charging cable.

2.4 Symbols

Symbol	Significance		
•	Type CF-Applied Part		
***	Manufacturer		
\triangle	Caution , Incorrect use may cause personal injury and damages of goods. Refer to instruction manual.		
IP22	Protected against spraying water and against access to hazardous parts with a tool, per IEC 60529.		
(3)	Follow Instructions for Use.		
$((\overset{\bullet}{(}\overset{\bullet}{\Delta})))$	Non-ionizing radiation		
SN	Serial number		
X	Indicate separate collection for electrical and electronic equipment (WEEE).		

2.5 Product structure and composition

This product is mainly composed of ECG recorder main unit, charging cable.

2.6 Software information

Software name: ECG recorder software

Release version: V1

3. Using Instructions

3.1 Before use

⚠Warnings and Cautionary Advice

Before taking measurements, please pay attention to the following points to ensure the accuracy of the measurement data.

- Use only the cables and accessories specified in this manual.
- This device has no alarm function and therefore does not generate an audible alarm for the result of the measurement.
- Ungrounded equipment next to the patient and interference from electrosurgery can cause waveform instability.

3.2 Open box to check

Please check the box carefully before unpacking. If you find any damage, please contact the carrier or the company immediately If the package is complete, unpack the package in the correct way and carefully remove the device and other components from the box. Check the device for any mechanical damage and complete items.

If you have any questions, please contact us immediately.

riangle Warnings and Cautionary Advices

- Please save the box and packing materials for future transportation or storage.
- When handling packaging materials, you must follow local

regulations or the hospital's waste disposal system and place the packaging materials out of reach of children.

- The device may be contaminated by microorganisms during storage, transportation and use. Please confirm that the packaging is in good condition before use.
- The date of manufacture and the date of use of the product are listed on the label.

3.3 Boot

When the device is shipped from the factory, it is completely inactive by default. The device should be charged to activate the device before it is used for the first time.

3.4 Measuring process

3.4.1 Measurement methods

1) Finger measurement method:

Directly touch the ECG electrode with the thumb of both hands (R on the silk screen indicates the right hand side, and L indicates the left hand side), as shown in the following figure:

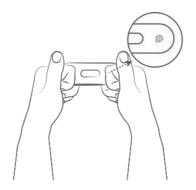


Figure 2

Wrong way of operation:

- a. Shake your hands at will
- b. Loose fingers during measurement

3.4.2 Measuring step

- 1) After selecting a measurement method, the device detects that the ECG signal is automatically turned on, the signal light changes to the green and flash, the device starts to measure, and the device will emit a "drop" heartbeat sound.
- 2) When the measurement is over 30 seconds, the device will emit a short beep, at which point the measurement can be ended and the device will complete a 30 second-15 minutes data save(The data storage time varies according to the model).
- 3) When the potient continuous contact exceed 15 minutes, the device measurement time is up, the device automatically turns off, and the signal light changes to Green and flash(5 seconds apart). The device will complete a 15 minute data save (The data storage time varies according to the model).

3.5 Installation the App

3.5.1 Download the App

App name: ViHealth Mobile

App Version: V1.0.0 iOS: App Store

Android: Google Play





3.5.2 Install the App

Install the app on an Apple product or Android-powered device, including smart phones and tablets.

3.6 Using the App

3.6.1 Preparing to Start

- 1. Make sure that Bluetooth is enabled on your smart device and run ViHealth.
- 2.Follow the screen guide to sign in or sign up. You can also choose the guest mode.
 - 3. Tap the detected monitor icon "DuoEK" in the ViHealth app.
- 4.Click the device icon Tap the detected monitor icon "DuoEK" in the ViHealth app, then hold and touch the

electrodes on the monitor to start pairing.

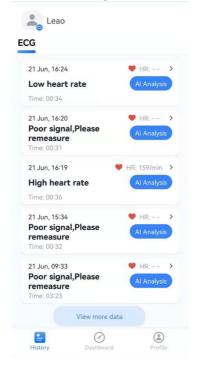
Caution: DO NOT pair the device in your smart device's settings.



3.7 Data view

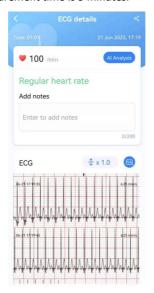
The monitor will automatically transmit the most recent measurement data to the ViHealth app after successfully pairing.

You can review history measurement results on the History screen. Tap the desired recording to view detailed information.



3.7.1 ECG Recording

The recording data will be displayed in rows of ten seconds. The maximum measurement time is 5 minutes.



Adding Note

Input notes about a recording.

Sharing ECG Record

Displaying Full Screen Waveform

Tap to view the ECG waveform in full screen.

Adjusting Waveform Amplitudes

Tap to adjust the amplitude for the ECG waveform. Options: 0.5mV/1mV/2mV

3.7.2 Deleting Records

To delete a record:

- 1. Long press recording.
- 2. Choose "Delete" to delete the selected recording.



3.7.3 Real-time Monitoring

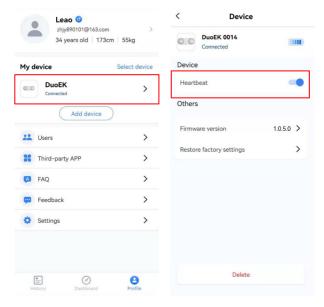
The ViHealth app allows you to monitor heart rate and EKG waveforms in real-time on the Dashboard screen.

The recorded data will be synced from the monitor to the app when the measurement is complete, then you can review them on History screen.



3.7.4 Setting the Heartbeat Sound

You can turn on/off the heartbeat sound on the monitor by choosing the [Heartbeat Sound] switch on the settings screen.



3.7.5 Factory Reset

You can restore the device to factory settings on the monitor via the App.

Caution: All user-defined settings and measurement data will be deleted on the monitor after factory settings have been restored.

- 3.7.6 Disconnect the phone Bluetooth or close the APP, the Bluetooth connection will be disconnected.
- 3.7.7 If the user has connected the APP with Bluetooth before use, the data can be transmitted in real time.

Note:

- The Bluetooth technology is based on a radio link that offers fast and reliable data transmissions. The Bluetooth uses a license-free, globally available frequency range in the ISM band-intended to ensure communication compatibility worldwide.
- The pairing and transmitting distance of wireless function is
 1.5 meters in the normal. If the wireless communication is delay or failure between the phone and the product, you will try to narrow the distance between the phone and the product.
- The product can pair and transmit with the phone under the wireless coexistence environment (e.g. microwaves, cell phones, routers, radios, electromagnetic anti-theft systems, and metal detectors), but other wireless product may still interface with pairing and transmission between the phone and the product under uncertain environment. If the phone and the product display inconsistent, you may need to change the environment.

- Considering the security of app data, certain appropriate
 antivirus software and firewalls are recommended to be
 installed for Android system such as AVG, Avast, McAfee, etc.
 For IOS system, the App can run without antivirus software and firewalls because the closed system and access control of the system.
- There will be pop up to remind users to install the updates when the App has updated version.

Precautions:

The device can store up to 10 part measurement data and up to 20 minutes of measurement data. In order to ensure that every data you collect is able to be viewed smoothly, please export the data in time after each measurement is completed.

3.8 Charging

This device uses a rechargeable lithium battery.charged by connecting a laptop or a power adapter with charging cable. Charging specific steps:

- 1. Place the main unit on the charging base and connect the charging base through the charging cable. As shown below.
- 2. Connect the charging cable to the usb port with 5v output voltage for charging. After entering the charging state, the indicator light will turn yellow and steady; when the charging is completed, the indicator Flashing every 5 seconds.



Figure 4

⚠ Warnings and Cautionary Advices

- The device cannot be used during charging, and if choosing a third party charging adaptor (Class II), select one that complies with IEC60950 or IEC60601-1.
- Keep out of reach when charging.
- When the long-term storage is not in use, it is necessary to periodically charge the device to maintain battery performance.

4. Maintenance

⚠ Warnings and Cautionary Advices Have the device repaired by authorized service centers only, otherwise its warranty is invalid

4.1 Warranty

The product is warranted to be free from defects in materials and workmanship within warranty period when used in accordance with the provided instructions.

4.2 Battery

When the remaining battery power is low, the indicator light will turn yellow and flash, and the device needs to be charged.

riangle Warnings and Cautionary Advice

- The built-in rechargeable lithium-ion battery cannot be replaced.Non-professionals cannot open the enclosure and modify or replace the battery.
- Do not expose the main unit to high temperatures such as ovens, water heaters and microwave ovens. Overheat ing of the battery may explode.
- Do not contaminate or modify the battery. Doing so may cause the battery to leak, overheat, ignite or explode.
- If the battery leaks, keep your skin and eyes free from leaking liquids. If skin or eyes come into contact with leaking liquid, rinse your skin or eyes immediately and go to hospital for treatment.
- Do not throw the battery into a fire. Doing so may cause an explosion.
- When the battery exceeds the service life or no longer holds the power, you should contact the manufacturer for disposal. To dispose of the battery, follow local laws for proper disposal.

4.3 Cleaning

ECG recorder and straps need to be cleaned regularly; clean the device per week. carefully swabbing the device with a clean, soft cloth or cotton ball with medical alcohol or water.

4.4 Recycling

Disposal of waste, residues, etc., as well as device and accessories at the end of their useful life shall not be disposed of at random and shall be in accordance with local regulations. When it is intended to discard this device, it must be sent to the appropriate facility for recycling and recycling.

4.5 Problem solving

Problem	Possible Cause	Recommended Action
The device cannot perform normal acquisition	The battery is low Equipment damage	Please charge the device Please contact your local agent
ECG waveform is disordered, and the clutter is large	Measurement method is incorrect Poor contact of ECG electrode	1. Please re-measure according to the recommendations of the manual 2. Please clean the ECG electrode according to the method described in the manual.

5. accessories

Serial number	Accessory name	Quantity
1	Charging cable	1

⚠Warnings and Cautionary Advices

• Use only the accessories specified in this manual, and using other accessories may damage the device.

7 Specifications

Classification			
	EU 2017/745 (MDR)		
EC Directive	RED, 2014/53/EU		
	ROHS 2.0, 2011/65	/EU	
Degree protection against	Type CF		
electrical shock	Туре Сі		
Environmental			
Item	Operating	Storage	
Temperature	5 ~ 45°C	-25 ~ 70°C	
Relative humidity (non-condensing)	10% ~ 95%	10% ~ 95%	
Atmospheric pressure	700 ~ 1060 hPa	700 ~ 1060 hPa	
Degree of dust&water resistance	IP22		
Drop test	1.0 m		
Power supply			
Type of battery	Rechargeable lithium polymer battery		
Battery specification	3.7Vdc, 90mAh		
Battery run time	No less than 24 hours (full state)		
Charging input voltage range	4.5 ~ 5.5v DC voltage		
Charging time	2 hours (to 90% po	wer)	
ECG			
Lead type	Integrated ECG ele	ctrodes	
Lead	Lead I		
Input impendence	≥10MΩ, 10Hz		
Linearity and dynamic range	10mV (peak-to-valley)		
range			
Common mode rejection	≥60dB		

Gain error	Maximum error ±10%	
Physical		
Size	94×34×12 mm	
Packing size	172×113×59mm	
weight	<28 g (with battery)	
Wireless connectivity	Bluetooth connection support	
	Built-in Bluetooth 4.0 BLE	
EXPECTED SERVICE LIFE	5 year	

8 FCC Warnning:

FCC ID:A49FMOBILE-C

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
- -Reorient or relocate the receiving antenna.
- -Increase the separation between the equipment and receiver.
- -Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- -Consult the dealer or an experienced radio/TV technician for help.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

9 Electromagnetic compatibility

The device meets the requirements of IEC 60601-1-2.

- This device should not be used in the vicinity or on the top of other electronic equipment such as cell phone, transceiver or radio control products. If you have to do so, the device should be observed to verify normal operation.
- The use of accessories and power cord other than those specified, with the exception of cables sold by the manufacturer of the equipment or system as replacement parts for internal components, may result in increased emissions or decreased immunity of the equipment or system.

Guidance and manufacturer's declaration – electromagnetic emissions

The model ECG recorder is intended for use in the electromagnetic environment specified below. The customer or the user of the model ECG recorder should assure that it is used in such an environment.

Emissions test	Compliance	Electromagnetic environment – guidance
RF emissions CISPR 11	Group 1	The model ECG recorder uses RF energy only for its internal function. Therefore, its RF emissions are very low and are not likely to cause any interference in nearby electronic equipment.
RF emissions CISPR 11	Class B	The model ECG recorder is suitable for use in all establishments, including domestic establishments and those directly connected

Harmonic emissions IEC 61000-3-2	n.a.	to the public low-voltage power supply network that supplies buildings used for
Voltage fluctuations/		domestic purposes.
flicker emissions IEC		
61000-3-3		

Recommended separation distances between portable and mobile RF communications equipment and the A&D unit

The model ECG recorder is intended for use in an electromagnetic environment in which radiated RF disturbances are controlled. The customer or the user of The model ECG recorder can help prevent electromagnetic interference by maintaining a minimum distance between portable and mobile RF communications equipment (transmitters) and The model ECG recorder as recommended below, according to the maximum output power of the communications equipment.

Rated maximum output power of transmitter (W)	Separation distance according to frequency of transmitter (m)			
transmitter (w)	150kHz to 80MHz	80MHz to 800MHz	800MHz to 2.7GHz	
	$d = \left[\frac{3.5}{V_1}\right] \sqrt{P}$	$d = \left[\frac{3.5}{E_1}\right] \sqrt{P}$	$d = \left[\frac{7}{E_1}\right]\sqrt{P}$	
0.01	0.01 0.12		0.07	
0.1 0.37		0.12	0.23	
1	1 1.17		0.70	
10 3.70		1.11	2.22	
100	11.70	3.50	7.00	

For transmitters rated at a maximum output power not listed above, the recommended separation distance d in metres (m) can be estimated using the equation applicable to the frequency of the transmitter, where p is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer.

- NOTE 1 At 80 MHz and 800 MHz, the separation distance for the higher frequency range applies.
- NOTE 2 These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.

Recommended separation distances between RF wireless communications equipment

The device is intended for use in an electromagnetic environment in which radiated RF disturbances are controlled. The customer or the user of the device can help prevent electromagnetic interference by maintaining a minimum distance between RF wireless communications equipment and the device as recommended below, according to the maximum output power of the communications equipment.

Freque ncy MHz	Maxim um Power W	Distan ce	IEC 60601 Test Level	Compl iance Level	Electromagnetic Environment - Guidance	
385	1.8	0.3	27	27	RF wireless communications equipment	
450	2	0.3	28	28	should be used no closer to any part of the device, including cables, than the recommended separation distance calculated from the	
710						
745	0.2	0.3	9	9	equation applicable to the frequency of the transmitter.	

780					Recommended separation
810					Where P is the maximum
870	2	0.3	28	28	output power rating of the ransmitter in watts (W)
930					according to the transmitter manufacturer and d is the
1720					recommended separation distance in meters (m). $E = \frac{6}{d} \sqrt{P}$
1845	2	0.3	28	28	Field strengths from fixed
1970					determined by an electromagnetic site survey,
2450	2	0.3	28	28	should be less than the compliance level in each
5240					frequency range. Interference may occur in
5500	0.2	0.3	9	9	the vicinity of equipment marked with the following
5785					symbol:

Note 1: These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.

Guidance and manufacturer's declaration – electromagnetic immunity

The model ECG recorder is intended for use in the electromagnetic environment specified below. The customer or the user of The model ECG recorder should assure that it is used in such an environment.

Immunity test	IEC 60601 test level	Compli ance level	Electromagnetic environment – guidance
Conducted RF	3V _{rms}		Portable and mobile RF communications
IEC61000-4-6	150kHz to	N/A	equipment should be used no closer to
	80MHz		any part of The model ECG recorder,

Radiated RF IEC61000-4-3	10V/m 80MHz to		including cables, than the recommended separation distance calculated from the
	2.7GHz	10V/m	equation applicable to the frequency of the transmitter.
			Recommended separation distance
			[3.5] —

$$d = \left[\frac{3.5}{E_1}\right] \sqrt{P}$$
 80MHz to 800MHz

$$d = \left[\frac{7}{E}\right]\sqrt{P}$$
 800MHz to 2.7GHz

where P is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer and d is the recommended separation distance in metres(m). Field strengths from fixed RF transmitters, as determined by an electromagnetic site survey.

^a should be less than the compliance level in each frequency range ^b

Interference may occur in the vicinity of equipment marked with the following symbol:



NOTE 1 At 80 MHz and 800 MHz, the higher frequency range applies.

NOTE 2 These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.

^a The ISM (industrial, scientific and medical) bands between 0,15 MHz and 80 MHz are 6,765 MHz to 6,795 MHz; 13,553 MHz to 13,567 MHz; 26,957 MHz to 27,283 MHz; and 40,66 MHz to 40,70 MHz. The amateur radio bands between 0,15 MHz and 80 MHz are

- 1,8 MHz to 2,0 MHz, 3,5 MHz to 4,0 MHz, 5,3 MHz to 5,4 MHz, 7 MHz to 7,3 MHz, 10,1 MHz to 10,15 MHz, 14 MHz to 14,2 MHz, 18,07 MHz to 18,17 MHz, 21,0 MHz to 21,4 MHz, 24,89 MHz to 24,99 MHz, 28,0 MHz to 29,7 MHz and 50,0 MHz to 54,0 MHz.
- b The compliance levels in the ISM frequency bands between 150 kHz and 80 MHz and in the frequency range 80 MHz to 2,7 GHz are intended to decrease the likelihood that mobile/portable communications equipment could cause interference if it is inadvertently brought into patient areas. For this reason, an additional factor of 10/3 has been incorporated into the formulae used in calculating the recommended separation distance for transmitters in these frequency ranges.
- c Field strengths from fixed transmitters, such as base stations for radio (cellular/cordless) telephones and land mobile radios, amateur radio, AM and FM radio broadcast and TV broadcast cannot be predicted theoretically with accuracy. To assess the electromagnetic environment due to fixed RF transmitters, an electromagnetic site survey should be considered. If the measured field strength in the location in whichThe model ECG recorder is used exceeds the applicable RF compliance level above, The model ECG recordershould be observed to verify normal operation. If abnormal performance is observed, additional measures may be necessary, such as re-orienting or relocating The model ECG recorder

d Over the frequency range 150 kHz to 80 MHz, field strengths should be less than 3 V/m.

Guidance and manufacturer's declaration – electromagnetic immunity

The model ECG recorder is intended for use in the electromagnetic environment specified below. The customer or the user of The model ECG recorder should assure that it is used in such an environment.

Immunity test	IEC 60601 test	Compliance	Electromagnetic
	level	level	environment – guidance
Electrostatic discharge (ESD) IEC 61000-4-2	± 8 kV contact ± 2 kV, ± 4 kV, ± 8 kV, ± 15kV air	± 8 kV contact ± 2 kV, ± 4 kV, ± 8 kV, ± 15kV air	Floors should be wood, concrete or ceramic tile. If floors are covered with synthetic material, the relative humidity should be at least 30%.
Electrical fast transient/ burst IEC 61000-4-4	± 2 kV for power supply lines ± 1 kV for input/ output lines	n.a.	n.a.
Surge IEC61000-4-5	± 1 kV line to line ±2 kV line to earth	n.a.	n.a.

Voltage dips, short interruptions and voltage variations on power supply input lines IEC 61000-4-11	0% U _T 0,5 cycle At 0°,45°,90°,135°,18 0°,225°,270° and 315°, 0% U _T 1 cycle and 70% U _T 25/30 cycles Single phase:at 0°	n.a.	n.a.	
Power frequency (50/60 Hz) magnetic field IEC 61000-4-8	30A/m, 50/60Hz	30A/m,50/60H z	Power frequency magnetic fields should be at levels characteristic of a typical location in a typical commercial or hospital environment.	
NOTE : U_T is the AC mains voltage prior to application of the test level.				

ECG recorder



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Contents of this manual are subject to changes without prior notice.

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