INSTRUCTION MANUAL

# Ultrasonic Mini Nebulizer Portable Nonventilatory Atomizer

MODEL NO .: MESH-S600B

Pictures are for reference only, take practicality as standard.



# Table of Contents

Introduction	2
Intended use	3
Safety precautions	4
Classification and explanation of symbols	5
Package contents	7
System overview	8
How to operate with battery	9
Cleaning and disinfection	.12
Troubleshooting	.14
Technical data	.15
Warranty	.22
Disposal	23
Contact information	.23

### Introduction

Thank you for choosing our Nebulizer. Our Nebulizer is a handheld device, designed to aerosolize medication for respiratory therapy purpose. which considers the difference of your needs between traveling and indoor use.

This device can operate on internal lithium titanate rechargeable battery. With battery and compact size, you are able to continue your treatment while you go on traveling. To save the planet.

As this device is a medical instrument, please read instruction Manual before use, and be sure to follow the instructions of a doctor and use the device correctly.

#### **Product Features**

- 1. Microporous structure (Mesh) and oscillator are combined in the atomization
- 2.USB cable charging, easy to obtain re-charge process
- 3. Compact body design, handy to carry around
- 4. Palm size device easy to carry
- 5. Easy to operate
- 6. Easy to clean & maintain

# Intended use

Medical purpose and Principle	The device adopts active ultrasonic vibrating mesh technology, which is designed to nebulize the solution into an aerosol for respiratory therapy purpose		
Intended user	Legally certified medical experts, such as doctors, nurses, therapists, or patients under the guidance of qualified medical experts.  The user should also be capable of understanding general operation of this device and the content of instruction manual		
Intended patients	This device is designed for all ages of patients, except for the patients who are unconscious and not able to breathe spontaneously or have pulmonary edema.  This device is intended for using in the medical facility, such as hospital, clinic and doctor's office, a room of general household and open-air environment with a roof.  Durable periods as follows. The product is used to nebulize 0.9% Saline 2 times a day, 10 minutes each time at room temperature (23°C). Durable period may vary depending on environment and solution.		
Recommended Operation Environment			
Durable period			
Burable period	Main unit	36 months	
	Medication cup	12 months	
Precautions for use	Warnings and cautions described in the manual should be observed.		

# Safety Precautions



READ ALL WARNINGS AND INSTRUCTIONS BEFORE YOU USE THIS DEVICE.

As with any medical device, this product may become unusable due to an electrical outage, battery depletion, or mechanical impaction. We recommend that you have a backup device available to you.

When you use electrical products, always follow basic safety precautions. As with any electrical device take particular care around children.

## NARNINGS

- · Only use this device for medications prescribed by your doctor.
- The nebulizer is only intended for respiratory therapy and any other application
  of this device is improper and dangerous. The manufacturer cannot be held
  liable for any damage caused by improper or incorrect use.
- Do not share your nebulizer with others. It is intended to be used by a single user. If more than one person uses it, there is a risk of spreading Infectious illness
- Clean all parts of your nebulizer before and after each use and after extended storage.
- Adult supervision is required when this device is used by children and individuals who require special assistance.
- Never operate this device if any of the parts are not working properly or have been damaged.
- Be sure the device has been properly cleaned before use to avoid possible contamination.
- Do not plug in or unplug the adapter from the electrical outlet with wet hands.
- Do not drop medication on the main unit or USB port, if it happens by mistake, immediately wipe it off with gauze. If you use the device while it is still wet, it may cause trouble or injury.
- Do not leave the device in the car if it is subjected to significant heat or cold.
   The battery is not replace,do not attempt to replace battery youself, as you may damge or overheat it, causing injury. NEVER incinerate the battery, and NEVER immerse the battery in water, otherwise, it may cause the battery to rupture damage

- All batteries deteriorate over time if they are not used or charged, do not store the device for a long period of time without charging it periodically.
   If the device is not used or charged for long time, the battery may create a dangerous conditions.
- · Never use the device while it is charging.
- If you are not use the device for long period of time, disconnect the USB charger.
- The device contains sensitive components, including a stainless steel disk with carefully measured, 3~5 micron holes, do not drop, crush, puncture, bend, heat, incinerate, or put heavy weights on the device or its parts
- Do not wash the medication cup and mesh under running water or any other liquid.

# **!** CAUTIONS

- Do not attempt to clean mesh with any foreign objects, it may damage the mesh.
- Avoid dropping the device otherwise it may not function normally.
- Keep the device away from direct sunlight, excessive heat or cold to avoid damaging the battery
- · Do not attempt to open, repair or modify this device.
- Do not drop any liquids on the main unit or on the adapter, if you drop liquids on them, wipe it off immediately.
- Follow local laws and recycling plans regarding disposal or recycling of components, batteries and packaging.
- If the USB wall charger and USB port do not fit easily, they probably do not match,make sure that you are using the USB wall charger provided and that you have positioned it correct!

# Classification and Explanation of Symbols

<u> </u>	Warning / Caution / Note			
	Class II equipment per IEC 60601-1			
<b>↑</b>	Type BF equipment per IEC 60601-1			
IP22	Protected against foreign objects equal to or greater than 12.5mm in diameter and against drops of water falling at up to 15' from vertical			
[]i	Consult instructions for use			
<b>@</b>	ON / OFF Button			
<del>*</del>	Keep dry			
10°C	Operating temperature limits : 10°C to 40°C			
-20°C 60°C	Storage and delivery temperature limits : -20°C to 60°C			
30%	Operating humidity limits: 30 to 85% R.H			
20%	Storage and delivery humidity limits: 20 to 75% R.H			
***	Manufacturer			
~~	Date of manufacture			
SN	Serial number			
LOT	Batch code			
X	Disposal of Electrical & Electronic Equipment (WEEE): Do not treat this product as household waste.			
<b>C</b> €	CE marking, This device compiles with the requirements of the Medical Devices Directive (93/42/EEC)			
EC REP	Authorized representative in the European Community			

# Package Contents

#### Check before use

The following items are contained in the package. Please check all parts for visible damage. Replace any damaged parts before you use this device. In the case of missing parts, malfunction or damage, please contact the store where you purchased from or the nearest dealer.



1. Controller



2. Medication cup



3. Instruction Manual



4. Mouth piece



5. Mask(Adult and Children)

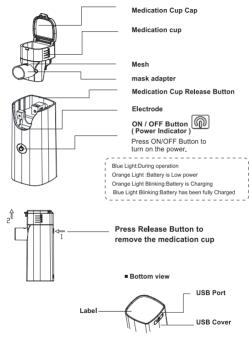


6.Nosepiece(Optional)



7.USB charger(Optional)

# System Overview



# How to operate with Battery

#### About the battery:

The device has an internal lithium rechargeable battery that you cannot replace, also NEVER use the device when it is charging.

The device is charged through a USB port, just as many cellular phones and portable electronic media devices are charged.

You can only charge the battery by connecting to a wall outlet using the USB wall charger provided.

NOTE: the USB charger is an optional accessory, only Only use external charger that is in accordance with the requirement of IEC60601-1:2012, output: 5V Max 2A.

#### To charge the battery with a wall outlet:

- 1.Open the USB cover to reveal the USB port.
- 2.Gently insert the USB cable's Cord into the USB port.
- 3.Gently insert the USB cable's Cord into the USB wall charger port.
- 4.Insert the USB wall charger into a wall outlet.



#### Understanding battery states:

When the device is not connected to a power source, the ON-OFF indicator light has three possible states:

NO Light: OFF

Blue Light: During operation

Orange Light :Battery is Low power

When the device is connected to a power source, the ON-OFF indicator light has two possible states:

Orange Light Blinking:Battery is Charging

Blue Light Blinking:Battery has been fully is charged

NOTE:rechargeable batteries do not have unlimited life,Battery life and number of charge cycles vary by use.

 $\triangle$ 

Clean all parts of your portable nebulizer before use, after each use and after Long-term storage.

#### 1. Set up the medication cup

Step 1: take out the medication cup and main unit.

Step 2: plug in the medication cup to the main unit.

Step 3: make sure the medication cup is in contact with main unit properly.







#### 2 Fill the medication

Make sure that indicator light is off before adding the medication.

- Open the medication cup cap.
- Fill the medication cup with medication DO NOT EXCEED THE LIMIT.
   (Max . 12ml ).
- Close the medication cup cap properly.



3. Install the mask or mouthpiece into the mask adapter









The device is now ready for use.

Refer to the next section how to inhale

A

Caution:For type,dose,and regime of medication,follow the instructions of your doctor or pharmacist.

#### 1. Tilt the unit slightly, as illustrated in the figure

In this position, the vibrating element is immersed in the medication and nebulization will start after power on.

After the vibrating element has been immersed in the medication, the unit can be used under any angle,

Note:In some positions (e.g. upright), nebulization may stop after a short while. In that case, briefly tilt the unit again in order to re-immerse the vibrating element in the medication.

Place the mouthpiece into your mouth or place the mask to cover your mouth and nose.





 If you push the ON/OFF( ( ) ) button, nebulization starts. If you push the ON/OFF( ( ) ) button again, nebulization stops The blue power indicator lights up during nebulization.



Always be calm and relaxed when you inhale. Breathe in slowly and deeply so that the medication can reach deep into the lungs. Hold your breath briefly, then breathe out slowly while removing the mouthpiece from your mouth. Do not breathe too quickly. Pause it when you feel like having a rest.

#### 4. After inhalation always switch off the nebulizer

#### 5 Clean the unit after each inhalation



- Tilt the device slightly. When the solution is almost exhausted to make sure that the residual solution contact the mesh and is sprayed completely.
- If high-viscosity solution is used, the nebulization may be reduced.
- If excessive solution is accumulated on the mesh, nebulization may stop. In this case, turn off the power and absorb the solution by gauze or lint-free towal.
- 4. The device is automatically power-off 10 minutes
- Do not drop medication on the main unit or into its USB port ,if you use the device when it is still wet,it may cause trouble or injury.

# Cleaning and disinfection

If the device is not cleaned and disinfected correctly and frequently as

indicated, microorganisms may remain in the unit and cause risk of infection

#### After every use:

Clean the medication cup with distilled water after each inhalation.

- Pour out the residual solutions in the medication cup.
- Pour some distilled water into the medication cup.
- Turn on the device to nebulize the distilled water for 2 to 3 minutes to clean the mesh.
- 4 disconnect the adapter from the main unit
- Remove the medication cup from the main unit.
- Wash and rinse the medication cup with distilled water.
- 7. Shake off excess water and allow parts to be fully air dried on a clean, dry towel.
- 8. Use gauze or clean towel to wipe off stains on the main unit if necessary.
- 9. Make sure that all cleaned parts are completely dry before you store them or use them next time.

### 2. After use the medication cup for 9 times

Clean the medication cup with the Approx.60% Edible white vinegar After use it for 9 times.

## 1. Pour out the residual medication in the medication cun-

- 2 Fill some distilled water into the medication cun
- 3 Pour out the distilled water in the medication cup.
- Fill the 3ml of the Approx.60% Edible white vinegar into the medication cup.
- 5. Turn on the device to nebulizer the 60% Edible white vinegar for 5 to 10 minutes to clean the
- 6. Disconnect the adapter and remove the medication cup form the main unit.
- 7 Wash and rinse the medication cup with distilled water.
- Shake off excess water and allow parts to be fully air dried on a clean place.
- Use gauze or clean towel to wipe off the main unit if necessary.
- 10. Make sure that medication cup and other cleaned parts are completely dry before you store them or use them next time
- 1 Keep the battery compartment dry all the time 1. Keep the battery comparament or, or any objects.
   2. Do NOT poke the mesh with finger, cotton swab or any objects.
  - 3. Do NOT clean parts in a dishwasher.
  - 4. Do NOT use microwave to dry any parts.
  - 5. Do NOT wash the medication cup and mesh under running water or any other liquids

#### Daily disinfections

It is important to disinfect the medication cup on a daily basis.

#### 1. Disinfection by boiled water

- Rinse the medication cup with distilled water. - Bring a saucepan of DISTILLED water to the boil.

- NOTE: Do NOT boiled medication cup directly
- Carefully immerse the medication cup in the boiled water for a maximum 15 minutes. - Carefully to remove the medication cup from the boiled water and shake off excess water.
- Allow parts cooling down and fully air dry on a clean.dry towel.and out of reach of children.
- Make sure that all cleaned parts are completely dry before you store them or use them next time.

#### 2. Disinfection by alcohol - Rinse the medication cup with distilled water.

- Immerse the medication cup with in 75% ethyl alcohol for 1 minute.
- Rinse the medication cup with distilled water again, shake off excess water and allow
- parts to be fully air dried on a clean, dry towel. - Make sure that all cleaned parts are completely dry before you store them or use them next time.

#### 3. Cleaning

Cleaning & Disinfection for the Nebulizer's Accessories (including:madication cup,mouthpiece,etc.) After Use the Nebulizer Accessories.

- Clean the Nebulizer's Accessories with the distilled water.
- Completely immersed the Nebulizer's Accessories into approx 75% medicinal alcohol.
- Soaking for approx 30 minutes.
- Wash and rinse the Nebulizer's Accessories with about 50 ℃ warm distilled water.
- Shake out water dry them with a clean soft towel or leave them air-dry in a clean place.
- Make sure that the Nebulizer's Accessories and other cleaned parts are completely dry then put all
  these parts in a dry sealed container.



 Alcohol is highly flammable. Do Not use alcohol in close vicinity of open fie or smoke.

#### The following item is able to be disinfected by boiled water or alcohol



Medication cup

#### The below parts are NOT able to be disinfected by boiled water or alcohol





USB cable



Do NOT rinse or immerse the main unit in any liquid.

#### Carrying and Storing

Close the mouthpiece's cover, store the device and medication cup in a dry and dean environment.



- Do NOT leave or carry the device containing residual liquid in the medication
- Do NOT leave the device under direct sunlight,in high humidity,extreme heat or cold environment.
- Keep this device away from fire, high electromagnetic fields and out of the reach of children.

# Troubleshooting

If any trouble occurs while you are using the device, please check the following list first.

Problem	Possible Cause	Action	
	Batteries are low(orange light)	Please charge the battery	
	The stains on the electrode cause a fault connection	Use rubbing alcohol to clean electrodes	
Low atomization	The mesh holes has been clogged or stained	Refer to Cleaning and Disinfection procedure to clean the medication cup's page	
	The mesh is broken	Replace the medication cup's page.	
After turning on the power,	Batteries are too low	Please charge the battery	
power indicator is not on and no mist comes out.	Fault connection between adapter and main unit	Check and reconnect the USB charger to main unit.	
After turning on the power,	The medication cup is not installed properly	Refer to Set up the medication cup procedure to re-install the medication cup	
the power indicator is on but no atomization	The mesh holles are clogged or stained	Refer to Cleaning and Disinfection procedure to clean the medication cup's page.	
	The mesh is broken	Replace the medication cup	
Power indicator turns into orange light	Low battery power	Please charge the battery	



1. If the device does not nebulize normally after taking the above-mentioned procedure, please contact the store where you purchased the device or the nearest dealer.

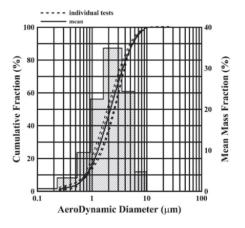
Never operate this device if any of the parts are not working properly or have been damaged.

Model	MESH-S600B		
Product	Portable Ultrasonic Nebulizer		
Method of operation	Active Ultrasonic Vibrating Mesh Technology		
Power supply	10mins Auto off, Internal power supply, Lithium battery only		
Power consumption	Approx. 2.0W		
Mode of operation	10mins Auto off (with rechargable battery)		
Light indications	Blue Light: During operation Orange Light: Battery is Low power Orange Light Blinking: Battery is charging Blue Light Blinking: Battery has been fully Charged		
Vibrating frequency	Approx. 107 kHz ±10%		
Capacity of medication cup	Max. 12ml		
Nebulization rate	≥0.25 ml/min		
Particle size	Approx. 88.08 ± 1.91% within 0.5~5µm		
MMAD	2.25 ±0.35µm		
Battery charging Voltage and current	DC 5.0V,Max.2A		
Battery charging Time	Approx. 180 mins		
Battery Non-stop usage time	Approx. 60 mins		
Lithium Battery Cycle life	The cycle times is not less than 300 times.		
Durable Period	Durable Period as follows: The product is used to nebulizer 0.9% saline 2 times a day, 10 minutes each time at room temperature(23°C),Durable Period may vary depending on environment and solution		
	Main unit: 36months		
	Medication cup: 12months		
Noise level	≤50dBA (acc.to DIN EN13544-1)		
Operating temperature and humidity	10 ~40°C, 30 ~ 85 % RH, 800~1060hPa		
Storage temperature and humidity	-20~ 60°C, 20 ~ 75 % RH, 800~1060hPa		
Dimension	Approx. L39 X W55 X H101 mm		
Weight	Approx. 105g		

202201211 V1.0

According to the Standard EN 13544-1:2007+A1:2009 "Respiratory therapy equipments - Part 1:Nebulizing systems and their components", Annex CC.3 using the multistage cascade impactor method to measure the particle size.

Particle Size	MMAD 2.25 ±0.35µm (MMAD=Mass Median Aerodynamic Diameter		
Medication Cup Capacity	12 ml max		
Noise	Less than 50dB (acc.to DIN EN13544-1)		



#### 1 FMC Information

This product needs special precautions regarding EMC and needs to be installed and put into service according to the EMC information provided, and this unit can be affected by portable and mobile RF communications equipment.

- The device is intended to used in hospital and family room except for near active HF SURGICAL EQUIPMENT and the RF shielded room of an ME SYSTEM for magnetic resonance imaging, where the intensity of EM DISTURBANCES is high.
- Do not use a mobile phone or other devices that emit electromagnetic fields, near the unit. This may result in incorrect operation of the unit.
- 3) Caution: This unit has been thoroughly tested and inspected to assure proper performance and operation!
- 4) Caution: Use of this equipment adjacent to or stacked with other equipment should be avoided because it could result in improper operation, If such use is necessary, this equipment and the other equipment should be observed to verify that they are operating normally.
- 5) Use of accessories other than those specified or provided by the manufacturer of this nebulizer could result in increased electromagnetic emissions or decreased electromagnetic immunity of this equipment and result in improper operation.

Table 1							
Guidance and manufacture's declaration - electromagnetic emissions							
The device is inter to assure that it is			-	environment	specified below. The customer or the user has		
Emissions test		Compli	ance	Electromag	netic environment - guidance		
RF Emissions CIS	PR11	Group	1	The device uses RF energy only for its internal function.  Therefore, its RF emissions are very low and are not lot cause any interference in nearby electronic equipm.			
RF Emissions CISPR11 Class B The device is suitable for use in all establishments				is suitable for use in all establishments			
Harmonic emission IEC61000-3-2	ns	Not app	plicable	power supply network that supplies to buildings power			
Voltage fluctuation Ficker emissions [I		Not app	plicable				
Table 2							
Guidance and mar	nufacture's declar	ation —	electrom	agnetic immu	nity		
The device is intended for use in the electromagnetic environment specified below. The customer or the user of the device should assure that it is used in such environment.							
Immunity test IEC 60601 Test level Compliance level environment-auidance							

Electrostatic	±8kV direct &	±8kV direct &	Floors should be wood, concrete or ceramic			
discharge (ESD)	indirect contact;	indirect contact;	tile. If floors are covered with			
IEC61000-4-2	±2,±4,±8,±15kV air	±2,±4,±8,1±5kV air	synthetic material, the relative humidity			
	discharge	discharge	should be at least 30%			
Electrical fast	±2 kV for power supply lines	not applicable	not applicable			
transient/burst	±1 kV for		(for INTERNALLY POWERED ME			
IEC 61000-4-4	input/output lines		EQUIPMENT)			
Surge	± 0.5kV, ± 1 kV line(s) to lines	not applicable	not applicable			
IEC 61000-4-5	± 0.5kV, ± 1 kV,±		(for INTERNALLY POWERED ME			
	2kV line(s) to earth		EQUIPMENT)			
Voltage dips,	(>95% Voltage	not applicable	not applicable			
short	Dips %U <sub>T</sub> )		(For INTERNALLY POWERED ME			
interruptions and	for 0.5 cycle		EQUIPMENT			
voltage						
variations on	(>95% Voltage					
power supply	Dips %U <sub>T</sub> )					
input lines	for 1 cycle					
IEC 61000-4-11						
	(30% Voltage					
	Dips %U₁)					
	for 25/30 cycles					
	(>95% Voltage					
	Interruption %U <sub>T</sub> )					
	for 250/300 cycles					
Power	30 (A/m)	30 (A/m)	Power frequency magnetic fields should be at			
frequency	SS (14111)	SS (PSIII)	level characteristic of a typical location in a			
(50Hz/60Hz)			typical commercial or hospital environment.			
magnetic field						
IEC 61000-4-8						

NOTE  $U_T$  is the a.c. mains voltage prior to application of the test level.

#### Table 3

Guidance and manufacture's declaration - electromagnetic immunity

The device is intended for use in the ejectromagnetic environment specified below. The customer or the user of device should assure that it is used in such an environment.

Immunity test Radiated RF IEC 61000- 4-3	IEC 60601 test level 10V/lm 80 MHz to 2700 MHz	Compliance level 101/lim 80 MHz to 2700 MHz	Electromagnetic environment - guidance Portable and mobile RF communications equipment should be used not closer to any part of the device, including cables, than the recommended separation distance calculated from the equation applicable to the frequency of the transmitter. Recommended separation distance $a_{\rm sf} = 1.2\sqrt{P}$ 80 MHz to 800 MHz
Conduce RF IEC61000- 4-6	150NHz to 80MHz: 3 V RMS outside V RMS in the 15M 4 RMS in the 15M and amateur radio bands	150kHz to 80MHz: 3 V RMS outside the ISM band, 6 V RMS in the ISM and emaleur radio bands	d= $d=2.3\sqrt{F}$ 800 MHz to 2.7 GHz 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 meters (m). Field strengths from fixed RF transmitters, as determined by an electromagnetic site survey, "should be less than the compliance level in each frequency range," Interference may occur in the vicinity of equipment marked with the following symbol: $\frac{1}{2}\frac{1}{2}\frac{1}{2}$

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.

\* Field strengths from fixed transmitters, such as base stations for radio (cellularicordiess) 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 FR transmitters, an electromagnetic site survey should be considered. If the measured field strength in the location in which the device is used exceeds the applicable FR compliance level above, the device should be observed to verify normal operation. If abnormal performance is observed, additional measures may be necessary, such as reorienting or relocating the device.

\*\*Over the frequency range 150 kHz to 80 MHz. field strengths should be less than [VI] V/m.

#### Table 4

Guidance and manufacture's declaration - electromagnetic immunity

The device is intended for use in the electromagnetic environment specified below. The customer or the user of

device should assure that it is used in such an environment.

Test specifications for ENCLOSURE PORT IMMUNITY to RF wireless communications equipment (Radiated RF

IEC61000-4-3)						
Test frequency (MHz)	Band <sup>a)</sup> (MHz)	Service a)	Modulation <sup>b)</sup>	Maximum power (W)	Distance (m)	Immunity Test Level (V/m)
385	380-390	TETRA 400	Pulse modulation b) 18Hz	1.8	0.3	27
450	430-470	GMRS 460, FRS 460	FM <sup>c)</sup> +5kHz deviation 1kHz sinee	2	0.3	28
710 745 780	704-787	LTE Band 13, 17	Pulse modulation b) 217Hz	0.2	0.3	9
810 870 930	800-960	GSM800/900, TETRA 800, IDEN 820, CDMA 850, LTE Band 5	Pulse modulation b) 18Hz	2	0.3	28
1720 1845 1970	1700- 1990	GSM1800; CDMA 1900; GSM 1900; DECT; LTE Band 1,3, 4,25; UMTS	Pulse modulation <sup>b)</sup> 217Hz	2	0.3	28
2450	2400- 2570	Bluetooth, WLAN, 802.11 b/g/n, RFID 2450, LTE Band 7	Pulse modulation b) 217Hz	2	0.3	28
5240 5500	5100- 5800	WLAN 802-11 a/n	Pulse modulation b) 217Hz	0.2	0.3	9

NOTE: If necessary to achieve the IMMUNITY TEST LEVEL, the distance between the transmitting antenna and the ME EQUIPMENT or ME SYSTEM may be reduced to 1 m. The 1 m test distance is permitted by IEC 61000-4-3.

#### Table 5

5785

Guidance and manufacture's declaration - electromagnetic emissions

The device is intended for use in the electromagnetic environment specified below. The customer or the user has to assure that it is used in such environment.

Recommended separation distances between portable and mobile RF communications equipment and the device

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 portable and mobile RF communications equipment (transmitters) and the device, as

recommended below, a	according to the maximum of	utput power of the commu	nications equipment,			
Rated maximum						
output		m				
power of transmitter	0.15 MHz to 80 MHz	80 MHz to 800 MHz	80 MHz to 2.7 GHz			
W	$d = 1.2\sqrt{P}$	$d = 1.2\sqrt{P}$	$d = 2.3\sqrt{P}$			
0.01	0.12	0.12	0.23			
0.1	0.38	0.38	0.73			
1	1.2	1.2	2.3			
10	3,8	3,8	7,3			
100	12	12	23			

For transmitters rated at a maximum output power not listed above, the recommended separation distance d in meters (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 wats (W) according to the transmitter manufacturer NOTE 1 At 80 MHz, the nighter 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.

# Warranty

Thank you for buying our product. This product is made of hight quality materials and great care has been taken in its manufacturing. It is designed to give you a high level of comfort, provided that it is properly operated and maintained as described in the instruction manual.

This products is guaranteed by manufactureridistributor for a period of 1 year after the date of purchase. The proper construction, workmanship and materials of this products is guaranteed by manufacturer During this period of warranty manufacturer or distributor will repair or replace the defect product or any defective parts.

The warranty covers only products purchased.

The warranty does not cover any of the following:

- 1. Transportation costs & risks of transport.
- 2. Cost for repairs and/or defects resulting from repairs carried out by unauthorized persons.
- Periodic check-ups, maintenance & repair.
- 4. Breakage of Medicine Cup and damage of delicate parts ( Such as accidental dropping of the device heavy object falling on the device.)
- 5.Any exposure of device with any dempness/water/spillage of solutions and excessive heating (including direct sunlight) causes damage to the device body, electronic and mechanical parts whether intentional or otherwise.
- 6. Alteration/removal/defacement of the Serial Number of the device.
- 7. Failure or wear-and-tear of accessories other than the main device itself.

8.Damages of any kind including personal caused accidentally or from misuse.

9 Battery Replacement is not covered under warranty,

10. Costs arising due to non-acceptance of a claim (those will be charged).

Should warranty service be required please apply to the dealer whom the product was purchased from or an authorised distributor. For the address refer to the product packaging / literature or to your specialized retailer. If you have difficulties in finding customer services visit our website for contact information.

Repair or replacement under the warranty does not give rise to any extension or nenewal of the warranty period. The warranty will be granted only if the complete product is returned together with the original invoice / cash ticket issued to the consumer by the retailer. Manufacturer or distributor reserves the right to refuse the warranty service if any unclear information has been given.

# Disposal



WEEE ( Directive on Wasted Electrical and Electronic Equipment )

This marking shown on the product indicates that it should not be disposed of with other household wastles at the end of its working life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate.this from other types of wastles and recycle it responsibly to promote the sustainable reuse of material resources,

Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take this equipment for safe recycling.



Home Aide Diagnostics, Inc. 1072 S. Powerline Rd. Deerfield Beach, FL. 33442 (800) 915 – 0116