

UN 600A

User Guide

CE 1984

Please read this manual thoroughly before use the device.

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GLOSSARY OF SYMBOLS


CAUTION CONSULT ACCOMPANYING DOCUMENTS


CLASS II EQUIPMENT


CONFORMITE EUROPE


NOT MOVED WITH HOOK


DATE OF MANUFACTURE

IPX1 PROTECTION AGAINST VERTICALLY FALLING DROPS


THIS SIDE UP


SHOULD BE DISPOSED ACCORDING TO WEEE DIRECTIVES


MANUFACTURER


TYPE B


FRAGILE, HANDLE WITH CARE

SN SERIAL NUMBER


TYPE BF


KEEP DRY

1. GENERAL INFORMATION

NEBTIME is a device designed for the use of ultrasonic devices, liquids for aerosol and steam treatments.

In the transformation of liquids into steam form instead of heating method frequency is applied. Frequencies formed by microprocessors electronic system by means of piezo-ceramic crystal are transformed into mechanical vibrations. By means of those vibrations, liquid preserved in the pot is evaporated without heating. Moreover, a fan located in the device absorbs air from the external environment. That air being absorbed passing along a bacterial filter ispurifiedandpressed into the liquid reservoir. Continuously formed steam in the liquid reservoir is sent to outside via the formed air pressure and by the hose given to patient. That composed steam upon claim may be heated by a heater at the outlet.

NEBTIME ultrasonic nebulizator is manufactured enabling practical use for you with regard to its design composed of microprocessor detection

128*64 LCD
Control panel and key pad
Visual and audio warning systems
Adjustable steam power intensity, fan speed, timer, heater level
Liquid feeding unit
Plastic body
Bacterial filter
Low energy consumption
Piezo-ceramic crystalline practical replenishment
Outlet steam heater
Medicine containing implementation

At the same time single component foot system applied in the devices provide practical installation.

2. FIELDS OF USE

Moisturizing respiration and narcotic gases
Acute and chronic bronchitis
Bronchial asthma
Pneumonia
Specific and non-specific lung diseases
Pre-bronchoscopy local anesthesia
Drug and water pulverization
Ambient moisturizing

SIDE EFFECTS

If the device is not cleaned regularly, bacteria which may form in the water reservoir, may affect the patient.
In case of using ventolin derivative drugs with cold steam, these drugs may have side effects.

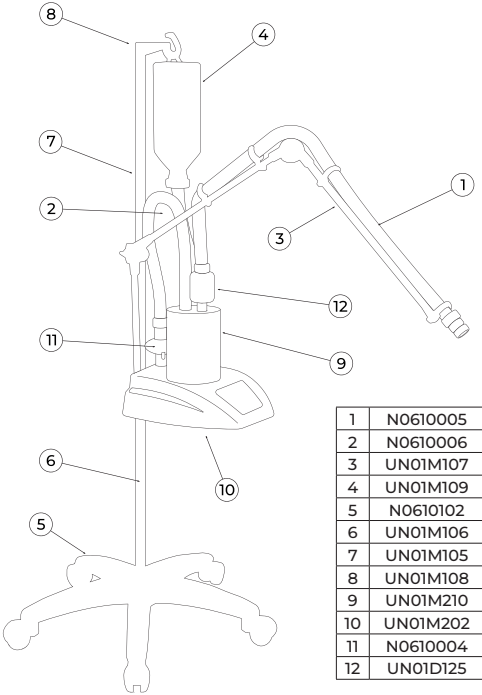
PATIENT POPULATION

Patients over 2 years of age and more than 10 kg with severe respiratory distress and treatment.

PATIENT POPULATION

This product should not be used in patients with unstable and high blood pressure, cardiac irritability, increased heart rate, unconsciousness, or unable to breathe spontaneously.

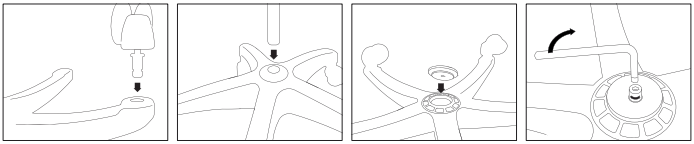
3. ASSEMBLING DRAWING



1	N0610005	REUSABLE HOSE Ø20x1200
2	N0610006	REUSABLE HOSE Ø20x450
3	UN01M107	STAND HANDLE SET
4	UN01M109	FEEDING UNIT
5	N0610102	STAND LEG
6	UN01M106	STAND IRON PIPE LOWER
7	UN01M105	STAND IRON PIPE UPPER
8	UN01M108	STAND HANGER
9	UN01M210	JAR SET
10	UN01M202	MAIN BODY
11	N0610004	BACTERIAL FILTER
12	UN01D125	HEATER

4. INSTALLATION

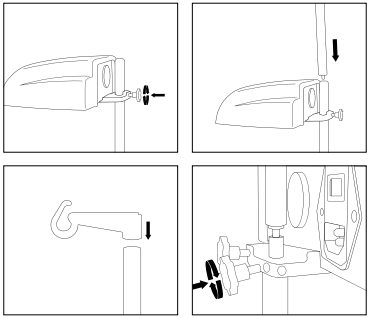
After taking out the NEBTIME nebulizator device from its packing, for installation following order depicted down will be applied. During installation, if you encounter any difficulty please contact with your authorized technical service personnel.



Install the stand sub-component (on the both section small perforated side of the component having turn screw bitch will correspond to lower side) into the stand foot.

Locate the flange component on the rear side of the stand foot.

Via key compress the M8 bolt holding the flange and stand sub pieces.



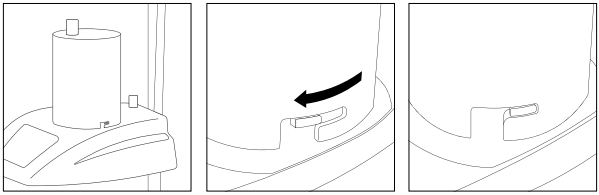
Replace the device to rear stand sub component from the rear side grip.

Following the height adjustment of the device fix by butterfly thread.

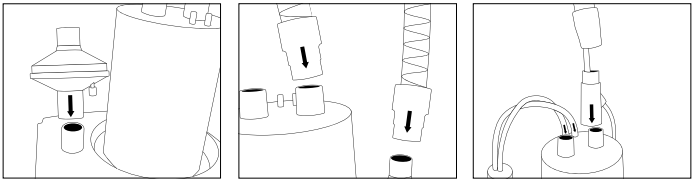
Fix the stand upper component on the sub component by threading.

Locate the stand hanger entering into the upper pipe.

Mould the stand arm on the rear grip of the device and fix by butterfly screw.



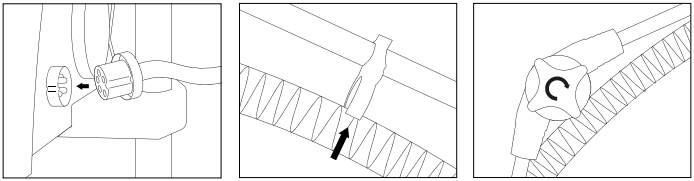
Fill the liquid jar up to the end of the bars on the upper lid (sterile water is added) and closing the lid firmly fixed replace on the device. Turning the jar in the clockwise lock on its place.



Attach the bacterial filter on the air outlet of the device.

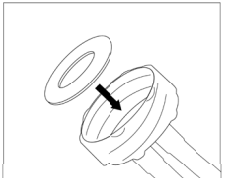
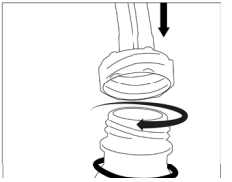
Attach the one tip of the short hose to the outlet of the bacterial filter and the other tip to the outlet of the jar.

If the heater is intended to be used heater will be mounted on the other outlet of the jar. Also, attach the long steam hose on the outlet of the heater. If the heater is not intended to be used directly attach the long hose to the outlet of the jar.

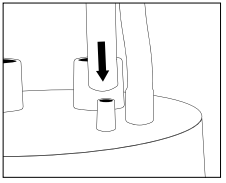
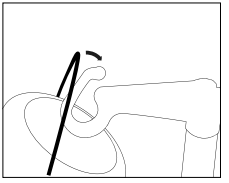
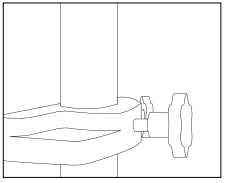


Fix the socket of the heater cable to the male socket of the device situated on the back side (if you experience difficulty while fixing turning the socket to the right and left side enable its location on place). Squeeze the bolt on the socket to the across side.

Fit the long hose on the cuffs over the stand column. Arrange position of the stand branch loosening the butterfly bolts on the joint components and squeeze again.

Fix the bottle straps on the feeding bottle as depicted in the drawing. Firmly fix the lid molded its bolt on the bottle. Fix the silicon hoses to the lid.

Firmly fix the bottle hoses into the small holes located on the jar lid. Fix the bottle sling into the stand sling shaping the bottle turned upside down. Water flowing out from the bottle if fills the jar until the highest level this refers to the fact that the bottle is not situated in resolution. Repeat the action emptying the water in the jar. Liquid in the bottle carries out automatic feeding as the liquid level in the bottle is lessened. Liquid level in the jar remains fixed.

Adjust the height of the device from the ground level by the butterfly thread on the rear grip.

You have completed the installation of the device and made it ready to operate.

5. SAFETY

• Carefully read the use guide book before use entirely.

• You are suggested to inspect the availability of the electrical voltage value of the fuse where the electricity cable going to be mounted compare to the voltage value of the device operation.

• During the transportation of the device definitely take out the electricity cable of the device from the fuse.

• Do not operate the device very close to heat source materials.

• Do not stick in any substance into the air filter holes of the device.

• Keep the device from reach of children.

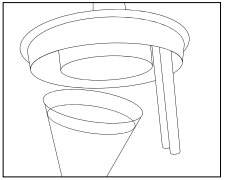
• Following the completion of the device use, turn off the on/off switch and take out the electricity cable from the fuse.

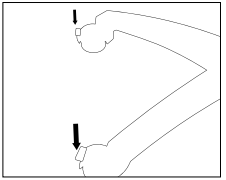
• Do not pour water on the device.

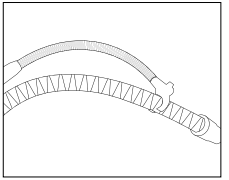
• In case of any breakdown read the TROUBLESHOOTING section of that guide.

• Except the liquid materials recommended by your doctor never use that device for evaporating any liquid.

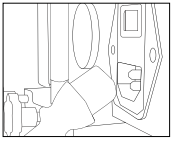
6. OPERATION

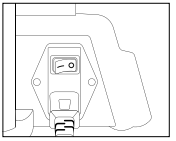






If you attempt to use medicines on your device. After you replace medicine into its pot, firmly attach into the jar lid. Later on, fix the jar lid on the jar. If you attempt steam application fix the lid on the jar without the medicine pot. Install the device into space where it is going to be used and lock compressing the wheel locks. Do not put the on table models on the ground. Adjust the spiral branch into the most optimum situation for use.





Attach the one end of the electricity fuse to the device and the other end to the on/off switch on the rear side of the device.

Turn off again when the device operation is over.



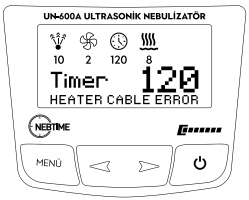
Upon the opening of the device NEBTIME logo will appear on the screen.



After the system is checked itself if no difficulty is emerged you will see "STAND BY PRESS BUTTON" on the screen. If a difficulty is emerged on the device it will give you a visual or acoustic warning.

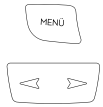


For the operation of the device press on the STANDBY button 1 second. The device will start to run and the adjacent screen will be seen.



If the heater cable is not fixed or even the cable is fixed if there is another matter as seen on the next screen "HEATER DISCONNECTED" warning will be seen. But that situation does not impact on the operation of the device the device will still keep on operating.

7. AIRFLOW DIAGRAM



Menu Button: It is used for connection to the arrangement menus of the functions. On each pressing it records the arrangement of the current function and pass to the arrangement menu.

Level Adjustment Buttons: Right side rises up the level and the left side reduces.



1. Adjustment Menu: For the alteration of the device adjustments when the device is in operation pressing once on the menu button you will enter to AEROSOL (steam power) adjustment menus. Via right and left buttons required level is arranged in 1-10 range. Again pressing on the menu button you will get of from that section and enter to 2. adjustment menu.



2. Adjustment Menu: AIRFLOW (air blowing intense). Via right and left buttons desired level is arranged in 1-10 range. Again pressing on the menu buttons you get out from there and enter to 3rd arrangement



3. Adjustment Menu: TIMER. In 5-10-15-20-30-40-50-60-90-120 minutes and in regular running mode range via right-left buttons desired level is adjusted. Again, pressing on the menu buttons you get out of there and enter to 4rd adjustment menu.



4. Adjustment Menu: HEATER (level of the heater). If the heater is attached and intended to use via right-left buttons desired level is adjusted in 1-10 range. Once more pressing on the menu buttons you get out of here. The device will be turned into the normal operation mode.





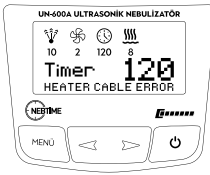
Arrangements are automatically recorded in to the memory and until you change remain fixed. In the normal operation mode, under the picture of the every function values and closing minute will appear.

For example on the next screen; steam 10, air 2, time length 120 minutes, heater 8 and remaining time are seen as 120 minutes.

At the end of the arranged time length the device will automatically turn off and come into STANDBY mode. For operating once more press 1 second on the STANDBY mode. System will work under the final adjustments. For making the operating device in pause form again press 1 second on the STANDBY mode.

WHEN THE DEVICE IS NOT USED CERTAINLY TURN OFF PRESSING ON THE ON/OFF BUTTON ON THE BACK SIDE.

8. WARNING SYSTEM

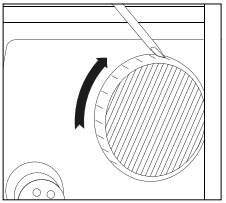
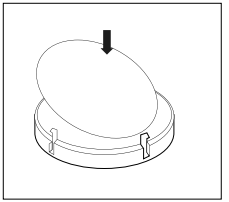
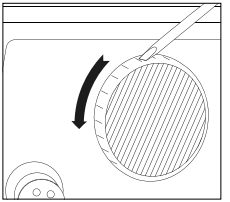


Heater Warning: If the heater is not used and if you have not fixed the heater cable to the socket located on the back the device in normal operation mode will give a visual warning such as HEATER DISCONNECTED. But no acoustic warning will emerge. The device will keep operating without any matter.



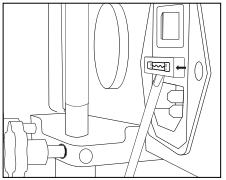
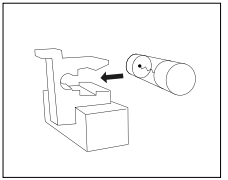
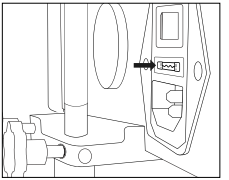
Liquid Level Warning: If the liquid jar is not firmly fixed on its place, liquid level in the jar if fallen on to the minimum level system will give visual warning on the next screen, acoustic alarm will ring and device will stop. Place the jar firmly fixed on its place and add liquid to the normal level.

9. CARE INSTRUCTIONS

General Care: The device should be checked at least once a year by authorized technical staff.

Alteration of the Air Filters: Turning the air filter on the clockwise open the lock and pulling toward yourself take it out. Change the filter in it with the new one. Once more putting in its place lock turning on the counter clockwise.

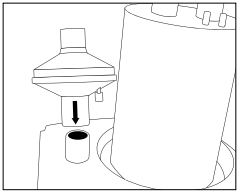
Replenishment of the Fuses: If your device in not working completely;

-Check whether the both end connections of the electricity cables are complete
-The turning on/off button of the device is open
-Electricity is running on the fuse connected to the device

If there is no problem in those equipments fuse of your device may be cut off.

Warning: Before the replenishment of the fuse absolutely electricity cable of the device must be taken out from the device. Fuse must be replenished by a technical staff.

Replenishment: On the plug inlet of the device at the rear side, fuse slot is situated. Open here by a screwdriver toward yourself. Renew the glass fuse in it with the new one (1,6A-250V). Putting the fuse socket into its place puss forward.



Replenishment of the Bacterial Filter: Bacterial filter is used in order to filter the air absorbed from the environment and given to the patient with the steam. Thus, after a specific time length it must be renew with the new one.

10. ELIMINATION AND DISINFECTION

Jar and its lid: We recommend that 20 minutes 121°C steam autoclave.

Air and steam hose: Air and patient hose must be changed after the patient therapy. We recommend that 20 minutes 121°C steam autoclave.

Device body and the stand spare parts: It is cleaned by a fabric dampened with soapy water and twisted firmly fixed.

11. TECHNICAL PROPERTIES

VOLTAGE	230 VAC ± %10, 50 Hz
POWER	40 W – 70 W (WITH HEATER)
ELECTRICAL CLASS	CLASS I, TYPE BF
CRYSTAL OPERATING FREQUENCY	1,68 MHz ± %5
PARTICLE SIZE	0,5 – 6 µm
AVERAGE NEBULIZATION RATE	0 – 5 ml / min ± %10
AEROSOL TANK	MAX. 650 ml
WEIGHT	2.75 kg
HEATER	MAX. +38°C
OPERATING TEMPERATURE RANGE	+10 ~ +30°C
OPERATION TYPE	CONTINUOUS

12. TROUBLESHOOTING

If the suggested solutions do not resolve your issue, please contact an authorized technical service.

If you encounter a malfunction not listed in this table, please contact an authorized technical service.

BREAKDOWN	SOLUTION
THERE IS "HEATER DISCONNECTED" ON THE SCREEN	SEE: WARNING SYSTEM PAGE 21
THERE IS "PLEASE ADD LIQUID IN TO THE CHAMBER" ON THE SCREEN	SEE: WARNING SYSTEM PAGE 21
THE DEVICE BY NO MEANS OPERATING	SEE: CARE-FUSE REPLENISHMENT, PAGE 23
EXCESS WATER IS FILLED IN THE JAR	CHECK THE FEEDING BOTTLE LID. SEE: INSTALLATION FEEDING BOTTLE ASSEMBLY, PAGE 13
NO AUTOMATIC WATER IS SUPPORTED TO THE JAR	HOSES BETWEEN THE FEEDING BOTTLE AND THE JAR MAY HAVE BROKEN PLEASE CHECK
THE DEVICE IS OPERATING WITHOUT GIVING ANY STEAM	WATER MAY BE ACCUMULATED IN THE HOSE CHECK. FAN IS NOT GIVING ANY AIR CHECK. HOSES MAY BE PRESSED OR BROKEN WATER LEVEL IN THE HOSES MAY BE TOO HIGH CHECK. WATER LEVEL MUST NOT EXCEED THE HALF OF THE JAR CHECK. PIEZO CERAMIC CRYSTAL MAY BE BROKEN RENEW WITH THE NEW ONE.

13. ACCESSORIES

- Medicine Cup
- Air Tubing
- Patient Tubing
- External Glass Bottle
- Bacterial Filter

14. WARRANTY

1. Warranty period commences form the date of deliver of the product to client and is 2 years.

2. If the product is broken under the warranty period fixation period is added to the warranty. Fixation period of the product longest 30 (thirty) business days.

3. If you have a complaint, please take the complete device to your specialist dealer or send it to us in the original packaging, postage paid and include the warranty certificate with the specialist dealer's stamp.

4. Damages arising from improper use of the device are not covered by this warranty.

5. This warranty will be invalidated if the unit is interfered with by unauthorised persons.

6. Breakdowns emerged subject to matters contrary to the user guide are excluded from the terms of warranty.

7. Warranty is conditioned on the acceptance of these terms and conditions.

8. Consumable parts are not covered under warranty.

15. ELECTROMAGNETIC COMPATIBILITY (EMC) DECLARATION

This equipment generates, uses and can radiate radio frequency (RF) energy. This equipment may cause electromagnetic interference if it is not installed and used in accordance with the manual.This device has been tested for Medical Products in accordance with EN-60601-1-2:2015 and has been determined to comply with acceptable limits. These limits indicate that the device provides an acceptab- le level of protection against electromagnetic interference (EMC) if the device is used as specified in the manual.This device may be affected by portable and mobile RF communication devices. This equipment must not be stored together with other equipment.See the following tables for more information about this device and EMC.

GUIDANCE AND MANUFACTURER'S DECLARATION – ELECTROMAGNETIC EMISSIONS

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 an environment.

Emission test	Compliance	Electromagnetic environment – guidance
Emissions RF CISPR 11	Group 1	The device 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.
Emissions RF CISPR 11	Class B	The device is suitable for use in all establishments including domestic and those directly connected to the public low-voltage power supply network that supplies buildings used for domestic purposes.
Harmonic emissions used fordomestic purposes. IEC 61000-3-2	Class A	
Voltage fluctuations/ flickeremissions IEC 61000-3-3	Complies	

KILAVUZ ve İMALATÇININ BİLDİRİMİ - ELEKTROMANYETİK BAĞIŞIKLIK

Bu cihaz aşağıda belirtilen elektromanyetik ortamda kullanılmak amacıyla tasarlanmıştır. Bu cihaz müşterisi ya da kullanıcısı bu gibi ortamlarda kullanıldığından emin olmalıdır.

Immunity test	IEC 60601 Testlevel	Compliancelevel	Electromagnetic environment – guidance
Electrostatic discharges IEC 61000-4-2	± 8 kV contact ±2 kV, ±4 kV, ±8 kV,±15 kV air	± 8 kV contact ±2 kV, ±4 kV, ±8 kV,±15 kV 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	Power supplylines: ±2 kV Input/output lines:±1 kV 100 kHz repetitionfrequency	Power supplylines: ±2 kV Input/output lines:±1 kV 100 kHz repetitionfrequency	Mains power quality should be that of a typical commercial or hospital environment.
Surges Line-to-line IEC 61000-4-5	± 0,5 kV, ± 1 kV	± 0,5 kV, ± 1 kV	Mains power quality should be that of a typical commercial or hospital environment.
Surges Line-to-ground IEC 61000-4-5	± 0,5 kV, ± 1 kV, ± 2 kV	± 0,5 kV, ± 1 kV, ± 2 kV	
Voltage dips IEC 61000-4-11	0% UT;0.5 cycle 0°, 45 °, 90 °, 135 °, 180 °,225 °, 270 ° and 315 °	0% UT;0.5 cycle 0°, 45 °, 90 °, 135 °, 180 °,225 °, 270 ° and 315 °	Mains power quality should be that of a typical commercial or hospital environment.
	0% UT; 1 cycle and 70% UT;25/30 cycle Single phase: 0°	0% UT; 1 cycle and 70% UT;25/30 cycle Single phase: 0°	
Voltage interruptions IEC 61000-4-11	0% UT;250/300 cycle	0% UT;250/300 cycle	
Power frequency (50/60Hz) magnetic field IEC 61000-4-8	30 A/m 50Hz/60Hz	30 A/m 50Hz/60Hz	Power frequency magnetic fields should be at levels characteristic of a typical location in a typical commercial or hospital environment.
Not: UT is the a.c. mains voltage prior to application of the test level.			
Conduced RF IEC 61000-4-6	150kHz to 80MHz: 3Vrms 6 Vrms (in ISM and amateur radio bands) 80% Am at 1kHz	150kHz to 80MHz: 3Vrms 6 Vrms (in ISM and amateur radio bands) 80% Am at 1kHz	Portable and mobile RF communications equipmentshould be used no closer to any part ofthe device including cables, than the recommendedseparation distance calculated from theequation applicable to the frequency the transmitter.Recommended separation distance: d= 0.35√ d= 1.2√ 80 MHz ile 800 MHz d= 1.2√ 800 MHz ile 2.7 GHz d= 2.3√ 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, asdetermined 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:
Radiated RF IEC 61000-4-3	10V/m 80% Am at 1kHz	10V/m 80% Am at 1kHz	

Note 1: 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. 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 which the device is used exceeds the applicable RF compliance level above, the device should be observed to verify normal operation. If abnormal performance is observed, additional measures may be necessary, such as re-orienting or relocating the device.

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

c. Calibration for current injection clamps shall be performed in a 150 Ω system.

d. If the frequency stepping skips over an ISM or amateur band, as applicable, an additional test frequency shall be used in the ISM or amateur radio band. This applies to each ISM and amateur radio band within the specified frequency range.

e. Applicable to ME EQUIPMENT and ME SYSTEMS with RATED input current less than or equal to 16 A / phase and ME EQUIPMENT and ME SYSTEMS with RATED input current greater than 16 A / phase.

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, 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)			
	150 kHz to 80 MHz (out ISM and amateur radio bands) d= 1.2 √ P	150 kHz to 80 MHz (out ISM and amateur radio bands) d= 0.6 √ P	80 MHz to 800 MHz d= 1.2 √ P	800 MHz to 2.7 GHz d= 2.3 √ P
0,01	0,12	0,06	0,12	0,23
0,1	0,38	0,19	0,38	0,73
1	1,2	0,6	1,2	2,3
10	3,8	1,9	3,8	7,3
100	12	6	12	23

For transmitters rated at a maximum output power not listed above, the recommended separation distance 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 manufacture

Note 1: At 80 MHz and 800 MHz, the separation distance for the higher frequency range applies.

Note 2: 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.

Note 3: These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures,objects and people.

Radiated RF	Test Frequency (MHz)	Band a) (MHz)	Service a)	Modulation b)	Modulation b) (W)	Distance (m)	Immunity Test Level(V/m)
IEC61000-4-3 (Test specifications for ENCLOSURE PORT IMMUNITY to RF wireless communications equipments	385	380-390	TETRA 400	Pulse modulation b) 18 Hz	1,8	0,3	27
	450	380-390	GMRS 460, FRS 460	FM c) ± 5 kHz deviation 1 kHz sine	2	0,3	28
	710 745 780	704-787	LTE BANDI 13, 17	Pulse modulation b) 217 Hz	0,2	0,3	9
	810 870 930	800-960	GSM 800/900, TETRA 800, İDEN 820, LTE Bant 5	Pulse modulation b) 18 Hz	2	0,3	28
	1720 1845 1970	1700-1990	GSM 1800, CDMA 1900, GSM 1900, DECT, LTE Bant1,3,4,25, UMTS	Pulse modulation b) 217 Hz	2	0,3	28
	2450	2400-2570	Bluetooth,WLAN 802.11b/g/n, RFID 2450,LTE Bant 7	Pulse modulation b) 217 Hz	2	0,3	28
	5240 5240 5785	5100-5800	WLAN 802.11a/n	Pulse modulation b) 217 Hz	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.

a. For some services, only the uplink frequencies are included.

b. The carrier shall be modulated using a 50 % duty cycle square wave signal.

c. As an alternative to FM modulation, 50 % pulse modulation at 18 Hz may be used because while it does not represent actual modulation, it would be worst case.

The MANUFACTURER should consider reducing the minimum separation distance, based on RISK MANAGEMENT, and using higher IMMUNITY TEST LEVELS that are appropriate for the reduced minimum separation distance. Minimum separation distances for higher IMMUNITY TEST LEVELS shall be calculated using the following equation:

E= 6 / d √ P

Where P is the maximum power in W, d is the minimum separation distance in m, and E is the IMMUNITY TEST LEVEL in V/m.

16. CERTIFICATES

CE 1984

ISO 9001:2015

ISO 13485:2016

Notified Body	Kiwa Belgelendirme Hizmetleri A.Ş. İTOSB 9. Cd. No:15 Tuzla / İstanbul / Türkiye

17. MANUFACTURER

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