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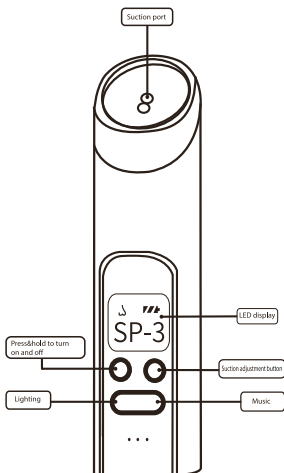
Growthsy · EAN
5905156102552

Suggested manual identification distance: 30 cm
(illumination approx.: 100 lux-1500 lux)

Electric nasal aspirator

User manual

(for over-the-counter use)



Model BC023

Thank you for purchasing our product. Before using the product, please read the user manual carefully and familiarize yourself with the warnings. Please keep this user manual in a safe place for future reference.

File number: MH002
Version V1.0
Software version: V1.0

BC023-A-G

Heartfelt thanks

We sincerely thank you for shopping at our store and for the trust placed in GROWNSY.

GROWNSY – the best helper for parents. GROWNSY creates modern and thoughtful products for parents. Starting from smart feeding accessories, GROWNSY offers a wide range of products for all situations related to parents and children. Our goal is to create a comprehensive brand of products for mothers and children. Guided by the core concept of "creating ideal products that express love and care," GROWNSY strives to solve the toughest problems during production and to offer users the most convenient products. GROWNSY products are characterized by modern design, creative construction, and intelligent application.

If you have any problems with the product, please contact us.

service@grownsy.com

**or send a text message with the word GROWNSY to
(833)524-0498**

We will do our best to resolve any customer issue within 24 hours.

Sincerely,
Randell
Founder of GROWNSY



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Product description

The electric nasal aspirator is a handheld device designed for suctioning nasal mucus from children aged 0 to 12 years. Its motorized pump creates a vacuum that effectively removes mucus from the nose.

Product components

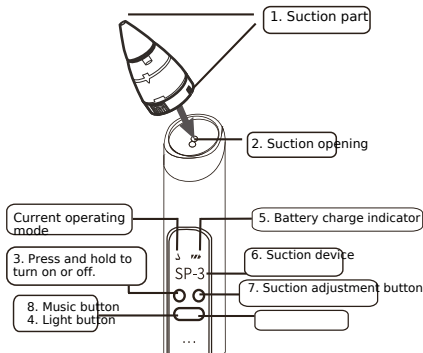


Fig. 1 Electric nasal aspirator

No.	Item	Description
1	Suction part	Auxiliary suction accessories
2	Suction port	Connects to the suction part
3	Power on/off button	Hold for 3 seconds to turn the device on/off
4	Light button	A short press turns the light on/off
5	Battery indicator	Displays the current charge level
6	Suction coupling	Displays the current suction coupling
7	Suction adjustment button	Suction level adjustment
8	Music button	A short press turns the music on/off and adjusts the volume

Accessory description



Small conical nozzle
for newborns



for children over 4
months old



nasal mucus



suction



Suction handle
for suctioning
nasal mucus



Suction chamber base
Storage box



Sealing rubber
ring

Fig. 2 Suction part

WARNING:

The above recommendations for nozzle selection are for informational purposes only. Please choose the appropriate nozzle according to the size of the child's nostrils to ensure a proper seal without gaps and achieve the best suction effect. If the nozzle is too small (e.g., mucus is stuck in the nozzle tunnel or suction is weak), try using a nozzle with a larger opening. If the nozzle is too large (e.g., it cannot seal the child's nose), replace it with a nozzle with a smaller opening. If the mucus is very deep, try using a funnel-shaped nozzle.

3. Brief user instructions

3.1.1 Assembly of the electric nasal aspirator

Ensure that the suction parts have been cleaned and disinfected.

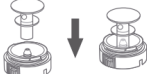


Caution

- Before touching any parts of the electric nasal aspirator, wash your hands thoroughly with soap and water to prevent contamination.

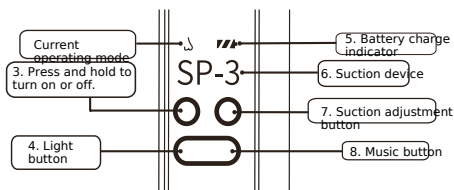
Notes:

- Proper placement and tightening of the connection between the funnel nozzle, collection chamber, suction handle, sealing ring, suction base, etc. is essential for the proper creation of vacuum by the electric nasal aspirator.
- Before each use, visually inspect the individual components for cracks, chips, tears, discoloration, or wear. If you notice any damage, stop using the device until the damaged parts are replaced. Before use, check that the suction handle components are not worn or damaged, and replace them if necessary. Wash your hands thoroughly with soap and water. Then assemble the device according to the instructions below.

	
1. Place the sealing ring on the suction base. (The sealing ring is usually pre-installed).	2. Align the suction handle with the center of the base and firmly push it in.
	
3. Rotate the collection chamber cap onto the suction base.	4. Install the appropriate nozzle according to requirements.
 5. Connect the suction part to the main device: Insert the assembled suction part into the suction port of the main device, then turn it to the right until it is tightened. Note: Before turning the suction part, ensure that the sealing ring at the base of the suction part has not shifted. If the sealing ring is removed, it may affect the suction function.	

The electric nasal aspirator is now ready for use.

3.1.2 How to operate the device



3.1.3 Button operation instructions

1) Press and hold the power on/off button for 3 seconds to turn the device on. 2) The device has three suction power levels, increasing from SP-1 to SP-3. A short press of the button switches between levels. 3) Light: a short press turns the light on/off, which can help distract the child. 4) Music: a short press of the music button turns the music on, the next short press increases the volume, and the third short press turns the music off. Music can help soothe the child. 5) The battery indicator flashes when the charge level is low.

3.1.4 Pumping instructions

1) Hold the child in an upright position (Fig. 3). 2) Insert a clean, dry nozzle into the child's nostril, ensuring that the collection chamber is below the nostril (Fig. 3).

Warning:

Ensure that the nasal tip is not inserted too deeply into the nasal cavity and does not scratch its interior.



Fig. 3 Correct position



Fig. 4 Incorrect position

3) Press the power button for 3 seconds to turn the device on, and suction will begin. 4) Press the suction adjustment button step by step to adjust the suction level. Suction adjustment: There are three suction power levels, increasing from SP-1 to SP-3. 5) Selection of additional functions (music and light), optional. -- Music is off by default; it can be turned on/off and adjusted by pressing the music button. Press the music button to turn on the music (volume: volume 1), press the music button again to switch to volume 2, press it a third time to turn off the music. Note: Turning on the music can help distract the child and soothe them, making the suction process easier. -- The light is off by default; press the light button to turn it on, press again to turn it off.

Note: Turning on the light (which will flash cycling through blue, purple, and red colors) can help distract the child and soothe them, making the suction process easier. 6) Gently move the device to reach all areas of the nostril. This should be done carefully and gently to avoid damaging the child's nasal cavity lining. TIP: The recommended suction time is 10 seconds per nostril. TIP: Dry, very thick mucus can be dissolved with a mild saline solution. After using the solution, wait a few minutes, wipe away the excess solution with a tissue, and then use the nasal aspirator again if necessary. TIP: When using the device, keep the suction nozzle close to the nasal cavity, leaving no gaps to create a low-pressure state that ensures effective suction of mucus from the nose. TIP: Continuously monitor the collection chamber during use. Before the collection chamber is full, it should be cleared of nasal mucus according to the method described in section 7.3. 7) Suction will remove mucus from the nose. If necessary, repeat the procedure on the other nostril. 8) Turn off the device. Press the power button for 3 seconds. TIP: The nasal aspirator can be used several times a day. Your main goal should be to ensure the child can breathe freely. It is recommended to clear the child's airways after waking up, before sleeping, and before feeding.



Caution

- Always turn off the electric nasal aspirator before removing the tip from the nostril to release the vacuum.
- If the child experiences significant discomfort, press the power button at any time to stop suction.

4. Charging and cleaning

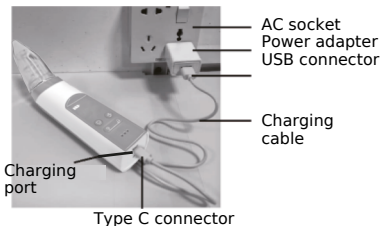
4.1 Charging the battery

Before the first use of the product, it must be charged. The electric nasal aspirator is powered by a rechargeable lithium battery. Our products come with a charging cable (USB 2.0/

Type C cable), but do not include a power adapter. You must purchase a power adapter separately. You should buy an adapter compatible with the USB 2.0 interface and ensure that the input voltage of the adapter is 100-240 V AC 50/60 Hz, and the output voltage is 5 V DC 1 A. When the battery symbol “ ” is flashing, it indicates that the battery charge level is low. The device should be charged in a timely manner; otherwise, it will stop functioning after about 1 minute.

Charge the battery as follows:

a. Connect the USB end of the charging cable to the USB interface of the power adapter; b. Plug the power adapter into a wall outlet; c. Connect the Type C end of the charging cable to the charging port.



Fully charging the device will take about 1.5 hours. During charging, the battery symbol will flash, indicating this state. After fully charging, the battery symbol will display a steady white light without flashing. After charging is complete, disconnect the power adapter from the outlet and unplug the charging cable from both the adapter and the main device.



WARNING

- Do not use the electric nasal aspirator while charging! The charging cable is intended solely for connecting the power adapter to the electric pump for charging. Do not connect it to other devices, as this may cause electric shock! If the power adapter becomes loose, disconnects, or frays, stop using it immediately and contact the manufacturer of the adapter.

- If the charging cable is damaged, frayed, or cracked, stop using it immediately and contact the manufacturer for a replacement (contact details are on the last page of this manual). You should stop using the device immediately if you notice smoke or a burning smell coming from the pump or power adapter.



WARNING

Using the wrong type of power adapter or purchasing a low-quality adapter may compromise the safety of the device and potentially cause property damage and health risks. Ensure that the purchased adapter is intended for medical use, meets IEC 60601-1 and IEC 60601-1-2 standards, comes from a professional medical market, and has a DC output of 5V 1A.

Notes:

- The battery can typically be charged about 300 times. After a full charge, the battery typically provides 70–80 minutes of operation.
- If after a full charge the battery life is shorter than before and you want to replace it, do not attempt to replace the battery yourself. Contact the manufacturer for replacement, as self-disassembly and battery replacement may cause damage to the controller and battery. When the product is not used for an extended period, the battery slowly discharges. To avoid battery damage caused by prolonged low voltage, charge the device every three months.

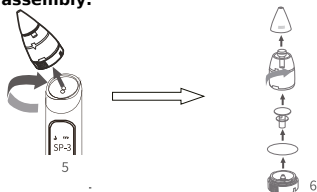
4.2 Cleaning and Disinfection After each use, the device should be cleaned and/or disinfected immediately.

- Before first use of the electric nasal aspirator and after each use, all parts of the suction unit (i.e. funnel nozzle, collection chamber, suction handle, sealing ring, suction base) must be cleaned and disinfected. The main unit should be cleaned after each use.

4.2.1 Clean and disinfect the suction part. Before cleaning and/or disinfecting:

Wash your hands thoroughly with soap and water for 20 seconds.

Step 1: Disconnect the suction part from the main device (fig. 5), then disassemble all parts of the suction part (fig. 6). Disassemble in the reverse order of assembly.



Step 2: Cleaning

The device must be cleaned by hand! The safety of using a dishwasher to clean and disinfect this product has not been confirmed. 1. Prepare the following items: - Soap and hot tap water - Drinking water - Clean sink - Clean brush and cotton swab - Unused dishcloth or paper towel 2. Rinsing: Rinse the suction part accessories under running water to remove any nasal mucus or dirt residues. 3. Wash the suction part accessories: Place the suction part accessories in a clean sink with hot water and add soap, scrub the parts with a clean brush (the interior can be cleaned with a cotton swab) until no dirt is visible. 4. Rinse again: Rinse the parts under running hot tap water for 3 minutes. 5. Thoroughly air dry: Place the suction part accessories on a clean, unused kitchen towel or paper towel in a location protected from dirt and dust.

Step 3: Disinfection

Before disinfecting, ensure that you have cleaned the suction part accessories using the methods above. Disinfect all parts of the suction unit using the method below. 1. Prepare the following items: - Home pot - Drinking water - Clean tongs 2. Place the disassembled suction part in the pot and fill it with water so,

that it covers all items intended for disinfection. Boil the water for 5 minutes, ensuring that the items do not touch the sides of the pot. 3. Remove the items using clean tongs. 4. Thoroughly air dry.

Step 4 SAFE STORAGE

Dry items should be stored in storage containers until needed. Before storage, ensure that the clean parts are thoroughly air dried. Dry items should be stored in a clean, protected place to prevent contamination. 1) Wash your hands: Wash your hands thoroughly with soap and water. 2) Reassemble: Reassemble the clean, dry suction parts. 3) Store in a safe place: Place the reassembled suction part in a clean, protected location, such as a closed kitchen cabinet used solely for storing clean dishes.

4.2.2 Clean the main device.

Prepare the following items: - Disinfectant - Wipes soaked in 70% isopropyl alcohol - Clean soft cloth and clean cotton swab
1) Before cleaning, wash your hands with disinfectant. 2) Remove any residues of foreign substances from the surface of the main device using a clean soft cloth. Wipe the suction port of the main device with a cotton swab. 3) Take a wipe soaked in 70% isopropyl alcohol and wipe the surface of the device until no visible contaminants remain, then take a cotton swab soaked in 70% isopropyl alcohol and wipe the suction port of the main device until no visible contaminants remain. 4) Dry the device by leaving it at room temperature for 10 minutes to allow any remaining cleaning solution to evaporate from the product.

WARNING

Never immerse the main device in water or a dishwasher, as this will cause permanent damage to these parts. Do not use antibacterial or abrasive cleaners to clean the electric nasal aspirator parts, as this may cause damage.

5. Storage Conditions

Do not expose the electric nasal aspirator to direct sunlight. Store the electric nasal aspirator and its accessories in a safe, clean, and dry place, following the transportation and storage recommendations outlined in section 9.

If the device has been stored in a hot or cold environment, it should be placed in an environment at 20°C for 30 minutes before use to reach a temperature suitable for operation (from 5°C to 40°C).

Specification

Model number	BC023
Name	Electric nasal aspirator
Charging input	DC 5 V 1.0 A (charging with the supplied USB 2.0/Type-C cable and a separately purchased power adapter)
Power	Lithium-ion battery DC 3.7 V/700 mAh
Rated power	2.2W
Vacuum range	52 to 60 kPa (error: +2 kPa)
Noise level	<80dBA
Tip dimensions (ψ)	OD4.3/ID2.4
Device dimensions	195MM*41MM*35MM
Weight (with all accessories)	306±5g
Motor type	DC 3.7V
Material	ABS + food-grade PP
Certification	FCC, CE, ROHS, REACH, WEEE, LFGB Made in China
Lifespan after power on (i.e. product usage period, including the battery and all accessories)	2 years (The lifespan of this device of 2 years has been calculated as follows: one suction session lasts 20 seconds (10 seconds for each nostril), and the user uses the device 24 times a day).

Type of protection against electric shock	Devices with internal power supply class II
Degree of protection against electric shock	BF type applied part (suction part)
Operating mode	Continuous operation
Operating conditions	Temperature: from 5°C to 40°C; Humidity: from 15% to 93%, Atmospheric pressure: from 70 kPa to 106 kPa
Transport and storage conditions	Temperature: from -10°C to 70°C; Humidity: from 10% to 95%, Atmospheric pressure: from 70 kPa to 106 kPa

7. Warning instructions and precautions

Warning signs and graphic symbols included in the instructions aim to enable safe and proper use of the product and to prevent injury to the user and others. Warning signs and graphic symbols are described below:

Warning symbols/precautions	
 Warning	A warning informs the reader of a situation that, if not avoided, could result in death or serious injury. It may also describe potential serious side effects and safety hazards.
 Precautions	Indicates a warning of a hazard that informs the reader of a potentially dangerous situation that, if not avoided, may result in minor or moderate injury to the user or patient or damage to equipment or other property. It may also be used to warn against dangerous practices. This includes specific precautions necessary for the safe and effective use of the device and precautions necessary to avoid damage to the device that may occur as a result of use or misuse.

Contraindications	Contraindications are conditions under which the device should not be used because the risks associated with its use clearly outweigh any potential benefits. There may be individuals for whom the device should not be used due to their health condition.
Notes	Indicate the need for caution, as lack of caution may lead to improper use of the product or damage to the device.

Description of symbols

	The product should be positioned upright.
	BF type applied part
	Batch code
	Manufacturer information: Name and address of the manufacturer
	Keep in a dry place
IP22	First number 2: Protection against solid bodies with a diameter of 12.5 mm and larger. Second number 2: Protection against vertical drops of water with the enclosure tilted up to 150° (water droplets may enter the product, this will not affect basic safety and operation, but may affect the functionality of the product).
	Disposal according to Directive 2002/96/EC (WEEE)
	This device has not been tested for use in an MR environment and should not be used in an MR environment when patients are wearing it. It should be kept away from the room where the MRI scanner is located.

	Stack limit 5 layers
	Type of protection against electric shock: Class II
	Refer to the user manual.
	Date of manufacture

8. Indications for use/purpose

[Indications for use/purpose]

The electronic nasal aspirator is intended for periodic removal of nasal discharge and mucus in children (aged 0 to 12 years). This device is intended for home use.

[Target users]

The intended user is an adult who has at least 8 years of experience in intensive reading and is able to read and understand the user manual.

9. Contraindications

DO NOT use the nasal aspirator if the child has the following contraindications:

- Nosebleeds
- Acute head, face, or neck injuries
- Coagulopathy or blood clotting disorders
-

10. Safety information

When using electrical products, especially in the presence of children, always follow the basic safety rules below.



Warning

1) Avoid the following improper actions, as they may cause mechanical injuries, irritation/nosebleeds, mucosal bleeding, discomfort, and pain:

- Never insert the aspirator too deeply into the nostril;
- Never press the tip firmly against the inner wall of the nostril;
- Do not use the machine for a long time; Do not force the aspirator tip into the nasal cavity, insert it gently.

NEVER use in the ears, mouth, or eyes. 2) This nasal aspirator is intended solely for the removal of nasal discharge. This device should not be used for any purpose other than intended. 3) If the child feels unwell while using the device, discontinue use and consult a doctor immediately. 4) The device is intended for home use only. In case of nasal diseases, consult a doctor. 5) The suction part should be cleaned after each use. 6) Do not use the aspirator if it is damaged, as using a damaged device may cause bodily injury or serious danger. 7) This electric nasal aspirator is not intended for use by persons (including children) with reduced physical, sensory, or mental capabilities, or lack of experience and knowledge. 8) Danger: To reduce the risk of electric shock: Always disconnect devices from power after charging. Do not use while bathing, showering, driving, or swimming. Do not reach for an electric product that has fallen into water. Immediately disconnect the power adapter from the wall outlet.

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9) The electric nasal aspirator is a personal hygiene product and for hygiene reasons should not be used by more than one child. 10) Close supervision is necessary when using the product near children. Do not allow children or pets to play with the device, packaging, or accessories. 11) Do not use any other nozzles or components (such as suction part or charging cable) other than those recommended by the manufacturer. 12) Before charging, check the power adapter, never use a damaged power adapter. 13) Keep the product and all nozzles away from hot surfaces. 14) Never use while sleeping or drowsy. 15) Do not use the device near explosive or flammable materials, in an MRI environment, in a hyperbaric chamber, or near a fireplace or heat lamp. 16) Users cannot repair the product themselves. If self-repair is attempted, the warranty is void. For repairs, the product should be sent to the manufacturer or designated authorized distributor. 17) Always stop suction before removing the device from the nostril to release the vacuum.

18) In case of irritation or discomfort, discontinue use and consult a doctor. 19) Do not position the device in a way that obstructs the operation of the disconnecting device. 20) Product lifespan (i.e. usage period) The device has no expiration date, and the product lifespan is 2 years. Before use, check that the product is functioning properly. Using the product after the expiration period may lead to deterioration in its performance. For example, if the product does not properly control the vacuum, excessive vacuum may cause injury.



Precautions:

- If the child develops redness of the skin on the nose, consult a doctor who will advise you when and how often to clean the child's nose. Do not place or drop the product into water or other liquid. Do not immerse the device in any liquid or expose it to strong shocks, such as dropping. While using the product, the child should not hold their breath, close their mouth, or swallow saliva to avoid disrupting the balance of the eardrum caused by the vacuum. If the product's operation changes, discontinue use and check and follow section 11 "Troubleshooting" in this manual. If the problem is not resolved, contact the manufacturer. Contact information is on the last page of this manual.

Notes:

Avoid direct sunlight on the main device.

11. Maintenance and spare parts

The device does not contain any parts that can be repaired by the user: Opening or tampering with this device will void the warranty. In case of a need for repair, the device should be returned directly to the medical equipment manufacturer or the seller. Any modifications are prohibited. The MANUFACTURER will provide, upon request, circuit diagrams, parts lists, descriptions, calibration instructions, or other information that will assist the SERVICE PERSONNEL in repairing those parts of the device that have been indicated by the MANUFACTURER as repairable by SERVICE PERSONNEL.

When the product is not used for an extended period, the battery slowly discharges. To avoid battery damage caused by prolonged low voltage, the device should be charged every three months.



Warning: Replacing lithium batteries by inadequately trained personnel may pose a hazard. Do not clean/disinfect or maintain the device while it is in use.

12. Troubleshooting

Problems Causes and solutions	
1. The device does not respond when the button is pressed.	The battery level is low; it needs to be charged.
2. The product is not suctioning or the suction intensity is too low.	1) Parts are not properly installed, which may cause leaks. 2) The suction nozzle may not be positioned close enough to the nasal cavity, leaving a gap that prevents proper vacuum formation. Reinstall the suction nozzle to ensure it is correctly positioned in the nasal cavity. 3) Parts are not tightly assembled. Ensure that the suction part is securely connected to the main unit and that all suction part accessories are tightly assembled.
3. The suction power of the electric nasal aspirator is too high.	1) When using the device for the first time, start with the lowest suction level (three levels are available) and gradually increase it to find the most suitable level for you. 2) Only use suction accessories provided with this electric nasal aspirator.

If the above methods do not resolve the issue with the device, contact the manufacturer. Contact information can be found on the last page.

13. Disposal



At the end of the product's life cycle, do not dispose of it with normal household waste, but deliver it to an electronic equipment and battery collection point designated for recycling. Used electrical and electronic equipment (WEEE) may have a potentially harmful impact on the environment. Improper disposal may lead to the accumulation of harmful toxins in the air, water, and soil, which is detrimental to human health. The user is obligated to dispose of the device properly. Information on disposal can be obtained from local authorities.

14. Packing List

No.	Name	Quantity
1	Main unit	1
2	Suction part	Small conical nozzle for newborns
3		Large conical opening nozzle for children over 4 months old
4		Funnel nozzle for children over 4 months old, for deep suction of nasal secretions
5		Collection chamber
6		Suction handle
7		Sealing ring
8		Suction base
9	Storage box (store suction part accessories)	
10	Charging line	
11	User manual	

15. WARRANTY

In case of a warranty claim, please contact the distributor. If it is necessary to send the device, please include a copy of the receipt along with a detailed description of the defect.

1. The warranty period for the device is one year from the date of purchase. In the case of a warranty claim, the date of purchase must be confirmed by a receipt or invoice.
2. Warranty repairs do not extend the warranty period for either the device or spare parts.
3. The following cases are excluded from the warranty: All damages resulting from improper use, e.g., failure to follow the user manual. All damages resulting from improper use, e.g., failure to follow the user manual. Damages resulting from repairs or tampering done by the customer or unauthorized third parties. Damages occurring during transport from the manufacturer or to the service center. Accessories subject to normal wear and tear. Damage to the device resulting from disassembly by the consumer.
4. Liability for direct or indirect consequential losses caused by the device is excluded, even if the damage to the device is deemed to be covered by the warranty.

16. EMC Information

Statement:

The device is intended for use in a home healthcare environment and has been designed to meet the following BASIC PERFORMANCE REQUIREMENTS.

Basic performance:

Conducting EMC tests based on the following basic performance requirements:

Device-specific function	Criteria for positive/negative results for individual devices	Detection/testing method
Vacuum range 52 to 60 kPa (error: +2 kPa)		Observation of the vacuum gauge

If the necessary performance is lost or degraded due to electromagnetic interference, it may result in loss of product function or injury to patients. To avoid potential electromagnetic interference, please review the important information below before use.

 Note

- Using a mobile phone or microwave oven, operating high-frequency (HF) surgical equipment, magnetic resonance imaging (MRI) machines, or other equipment emitting radio waves (RF) near this product may cause it to malfunction. Avoid using this equipment near or in
- conjunction with other equipment, as it may cause malfunction. If such use is necessary, monitor both this equipment and other equipment to ensure they are functioning correctly. Portable RF communication equipment (including peripheral devices such as antenna cables and
- external antennas) should not be used within 30 cm (12 inches) of any part of the electric nasal aspirator, including cables specified by the manufacturer. Otherwise, the performance of this equipment may deteriorate. Using accessories, transducers, and cables other than those specified or provided by the manufacturer of this device may
- increase electromagnetic emissions or decrease the electromagnetic immunity of this device and lead to malfunction.

 Note

1) Security, anti-theft, and identification devices using radio frequencies (RFID). Some electromagnetic anti-theft systems and metal detectors, such as those used at entrances or exits of department stores, libraries, and other public places, as well as security control devices at airports, may affect the operation of the electric nasal aspirator. Do not use the electric nasal aspirator near these locations. Additionally, RFID devices, which are often used to read identifiers, and some tag deactivation devices, such as those used at checkout counters in stores and libraries, may also affect the operation of the electric nasal aspirator. Do not use the electric nasal aspirator near these locations. If you must pass through one of these devices, turn off the electric nasal aspirator. Before each use, check the condition of the electric nasal aspirator to ensure it is functioning correctly.

2) Using shortwave diathermy, microwave diathermy, or therapeutic ultrasound diathermy (all currently referred to as diathermy) and electrocoagulation devices near this product may cause malfunction or loss of performance; therefore, do not use the electric nasal aspirator near these devices.

Below is a list of cables along with their maximum length:

Cable name	Cable length Is it shielded?	
Charging cable	500±30mm	No

Manufacturer's guidelines and declaration - emission electromagnetic		
The electric nasal aspirator is intended for use in a specified electromagnetic environment. The customer using the electric nasal aspirator should ensure that it is used in an appropriate environment.		
Electromagnetic environment - guidelines	Emission test	Compliance
Conducted and radiated emissions RF CISPR 11	Group 1 Class B	The electric nasal aspirator uses RF energy solely for its internal functions. Therefore, its RF emission is very low.
Radiated emissions CISPR 11	Group 1 Class B	and is unlikely to cause interference with the operation of nearby electronic equipment.
Radio frequency CISPR 11	Group 1 Class B	The electric nasal aspirator is suitable for use in all conditions, including homes and buildings connected to the public low-voltage power supply intended for domestic use, except in the immediate vicinity of active HF surgical equipment or in rooms shielded from RF radiation intended for magnetic resonance imaging.
Harmonic emissions IEC 61000-3-2	Class A	
Voltage fluctuations and flicker emissions IEC 61000-3-3	Applicable	

Manufacturer's guidelines and declaration - immunity electromagnetic

The electric nasal aspirator is intended for use in a specified electromagnetic environment. The customer or user of the electric nasal aspirator should ensure that it is used in an appropriate environment.

Immunity test	Test level IEC 60601-1-2	Compliance level	Electromagnetic environment - guidelines
Electrostatic discharge IEC 61000-4-2	±8kV (contact) ±2kV, ±4kV, ±8kV, ±15 kV (air)	±8kV (contact) ±2kV, ±4kV, ±8kV, ±15kV (air)	Floors should be made of wood, concrete, or ceramic tiles. If the floor is covered with synthetic material, the relative humidity should be maintained at a level of at least 30%.
Radiated electromagnetic fields at radio frequency IEC 61000-4-3	3 V/m (professional healthcare facilities); 10 V/m (home healthcare facilities), 80 MHz – 2.7 GHz 80% AM at 1 kHz	10 V/m (home healthcare environment) 80 MHz – 2.7 GHz 80% AM at 1 kHz	
Fast transients/electrical bursts IEC 61000-4-4	Power lines +2 kV AC; signal lines +1 kV DC. Repetition frequency 100 kHz.	AC power lines at +2 kV;	The quality of the mains power supply should be equivalent to the quality occurring in a HOME HEALTHCARE ENVIRONMENT or a professional healthcare facility.
Voltage surges IEC 61000-4-5 line to line	IEC 61000 ±0.5kV, ±1kV ±0.5kV, ±1kV, ±2kV line to ground	±0.5kV, ±1kV line to line	The quality of the mains power supply should be equivalent to the quality occurring in a HOME HEALTHCARE ENVIRONMENT or a professional healthcare facility.

Conducted disturbances caused by RF fields IEC 61000-4-6	3 V 0.15 MHz – 80 MHz, 6 V in ISM bands between 0.15 MHz and 80 MHz (professional healthcare environment), 6 V in ISM bands and amateur radio bands between 0.15 MHz and 80 MHz (home healthcare environment) 80% AM at 1 kHz	Applicable	
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Note: ISM bands (Industrial, Scientific, and Medical) between 0.15 MHz and 80 MHz range from 6.765 MHz to 6.795 MHz; from 13.553 MHz to 13.567 MHz; from 26.957 MHz to 27.283 MHz; and from 40.66 MHz to 40.70 MHz. Amateur radio bands between 0.15 MHz and 80 MHz are from 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.

Magnetic fields at power frequency IEC 61000-4-8	30 A/m 50 Hz or 60 Hz	30 A/m 50 Hz	Magnetic fields at power frequency should have levels characteristic of a HOME HEALTHCARE ENVIRONMENT or a professional healthcare facility.
Voltage dips IEC 61000-4-11		Applicable	The quality of the mains power supply should correspond to the environment of home healthcare or a professional healthcare facility...
Applicable Interruptions IEC 61000-4-11	Interruptions in voltage cycle 250/300		

NOTE: UT is the AC mains voltage before applying the test level. E.g.: 25/30 means 25 cycles at 50 Hz or 30 cycles at 60 Hz.

Manufacturer's guidelines and declaration – electromagnetic immunity

The electric nasal aspirator is intended for use in a specified electromagnetic environment. The customer or user of the electric nasal aspirator should ensure that it is used in an appropriate environment.

Immunity test	Test level IEC 60601-1-2	Compliance level	Electromagnetic environment - guidelines
Proximity fields from wireless communication devices RF IEC 61000-4-3	See the table below	Applicable	

Test specifications regarding the immunity of the housing port to disturbances caused by wireless communication devices RF

	Band (MHz)	Service Modulation	Max. power (W)		Distance	Immunity test level (V/m)
385	380 – 390	TETRA 400	Pulse modulation b) 18 Hz FM c) +5 kHz deviation 1 kHz sinusoidal	1,8	0,3	27
450	430 – 470	GMRS 460, FRS 460		2	0,3	28
710	704 – 787	LTE Band 13, 17	Pulse modulation b) 217 Hz	0,2	0,3	9
745						
780						
810	800 – 960	GSM 800/900, TETRA 800, iDEN 820, CDMA 850, LTE Band 5	Pulse modulation b) 18 Hz	2	0,3	28
870						
930						
1 720 1 845 1 970	1700 – 1990	GSM 1800; CDMA 1900; GSM 1900; DECT; LTE Band 1, 3, 4, 25; UMTS	Pulse modulation b) 217 Hz	2	0,3	28

17. Reporting adverse events

MedWatch is a program of the Food and Drug Administration (FDA) for reporting serious reactions, product quality issues, therapeutic ineffectiveness, and errors in the use of medical products intended for humans, including drugs, biological products, medical devices, dietary supplements, infant formulas, and cosmetics. If you believe that you or someone in your family has experienced a serious reaction to a medical product, we encourage you to submit a reporting form to your doctor. Your doctor can provide clinical information based on your medical records that will assist the FDA in evaluating your report. However, we understand that for various reasons you may not want the form to be filled out by your doctor, or your doctor may choose not to fill out the form. Your doctor is NOT obligated to report this to the FDA. In such cases, you can fill out the reporting form online yourself. After receiving the report, you will receive confirmation from the FDA. Reports are reviewed by FDA staff. We will contact you personally only if we need additional information.

Submitting adverse event reports to the FDA

To submit a voluntary report of an adverse event to the FDA, please use one of the following methods:

1) Online reporting at:

www.accessdata.fda.gov/scripts/medwatch/index.cfm?action=reporting.home

2) FDA Consumer Reporting Form 3500B. Follow the instructions in the form to submit it by fax or mail. Assistance in completing the form can be found on the MedWatchLearn website. The form is available at: www.fda.gov/downloads/aboutFDA/reportsmanualsforms/forms/ucm349464.pdf

3) Call the FDA at 1-800-FDA-1088 to report it by phone.

4) FDA Reporting Form 3500, commonly used by healthcare professionals. The form is available at:

www.fda.gov/downloads/aboutFDA/reportmanualsforms/forms/ucm163919.pdf

18. Statement regarding travel or international use

Since the suction pressure of the electric nasal aspirator will affect the external environment, considering the uncertainty and instability of travel conditions, do not use the electric nasal aspirator during travel or on an airplane. The electric nasal aspirator can be used worldwide, but it should be used and stored in the environment specified in this user manual and ensure that a power supply compatible with foreign power systems is purchased. To ensure that the electric nasal aspirator does not get damaged during transport, check the device to ensure that the main unit and accessories are not damaged or cracked. If any irregularities are found, discontinue use of the device.

19. Manufacturer information

 Manufacturer: Shenzhen XinLianFeng Technology CO., LTD
Address: No.5, Tongxi Road, Pingdong Community, Pingdi Street,
Longgang District Shenzhen, CN 518000
Email: service@grownsy.com

If you need assistance with the configuration, operation, or maintenance of the device or wish to report unexpected behavior or events, please contact us.

WARRANTY AND CUSTOMER SERVICE

GROWNSY is committed to creating user-friendly products tailored to the needs of newborns and households. Our goal is not only to create products but also to convey the care and love we have for our customers in each of them. If you have any issues, please contact us directly at service@grownsy.com, and we will be happy to assist you. Or send a text message with the word GROWNSY to

**(833)
524-0498.**



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www.grownsy.com/warranty





This document is a translation of the original user manual created by the manufacturer.

Detailed information about the distributor/manufacturer warranty conditions is available at <https://serwis.innpro.pl/gwarancja>

Import
er: **INNPRO**

Manufacturer:
DORABOX CO., LIMITED
ADD: SHOP 185 G/F HANG WAI IND CTR NO 6
KIN TAI ST TUEN MUN NT HONG KONG
Email: xiao@grownsy.com

Responsible person in the EU:
CET PRODUCT SERVICE SP. Z O.O.
Ul. Długa 33 102 Zgierz 95-100 Poland

Safety precautions

Before charging, check that the device contacts are clean. Never leave the device unattended while in use and charging. Ensure that you can quickly disconnect the device from the power source in an emergency. Never expose the device to high temperatures. Charge the device in a dry, well-ventilated area away from flammable materials, maintaining a minimum space of 1m from other objects. Never cover the device while charging. Never use a power supply, charging station, cables, etc., without the manufacturer's recommendation and certification. Take care of your property; the device is equipped with cells that are difficult to extinguish, and equip yourself with a fire blanket.

Product battery specifications

Feature Value	
Battery category	
Portable battery	
Battery type	
Portable lithium-ion batteries (Li-Ion)	
Contains Cadmium/Lead (>0.002% Cd, >0.004% Pb)	No
Net weight (kg)	
0.0139	
Capacity (mAh)	
-	