

Nasal Aspirator # NC001/NC003

NOTE: The user must check that the equipment functions safely and see that it is in proper working condition before being used.

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THE MANUFACTURER RESERVES THE RIGHT TO ALTER THE SPECIFICATIONS OF THE PRODUCT WITHOUT PRIOR NOTIFICATION.

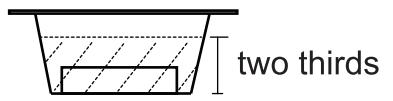
V.10

Dear customer

Thank you for purchasing this electronic baby nasal aspirator. We hope it will be useful for you. And recommend that read the use instruction carefully before cleaning your baby's nose. This device may be used for professional purposes or for personal home use.

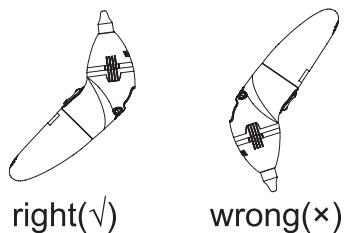
ATTENTIONS

- When using the machine, make sure the infant opens the mouth to keep the ventilation of air inside his nose in case of the occurrence of negative air pressure inside baby's head and unease.
- When the machine is working, don't block infant's another naris in case of negative air pressure inside baby's head and unease.
- Clean the machine after use.
- Don't dip the whole machine into water.
- Sterilize the components including nozzle and transparent hood to prevent the cross infection.
- The machine is not equipped with anti counter current device, the user must install the disposable cup when the machine is working in case the mucus is sucked into the inside of the machine and cause damage.
- Change the disposable cup or clear off the mucus inside the disposable cup when the mucus reaches two thirds of the cup's volume.

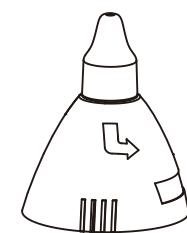


the volume of the disposable cup

- When the machine is working or there is already mucus inside the disposable cup, don't put the machine upside down otherwise the mucus will enter the engine of the machine and cause damage.



- The user must dry the component as the picture shows after the sterilizes it with boiled water or steam in case the water inside the component was sucked into the engine of the machine.



The component as the picture shows

- Please remove the batteries when the device will be unused for more than 14 days.
- When user re-installs the seal ring, he must firstly clear off the dust where the seal ring will be installed and make sure that the complete body of the seal ring is attached to the machine evenly. If not, the suck power will be influenced.

I. Intended Use and Applicable People

Intended Use: Quickly and gently removes excess mucus for alleviation infection of upper respiratory tract.

Applicable People: Children (including infant).

II. Safety Instruction

1. Do not allow children to play with this device because it is not a toy. Keep the device out of children's reach to prevent small parts and accessories from being swallowed by them accidentally.
2. This device is to clean stuffy noses, do not use it in baby's mouth or ears.
3. Do not insert the silicone suction nozzle into the nostril too deeply.
4. Do not use it on the baby for a long time, a few seconds will be enough.
5. Do not use this device if there is any wound, symptom of inflammation, or bleeding at the nose.
6. In the case of infection, fever, nasal irritation, or hemorrhage, please stop using this device and consult your physician.
7. Do use the accessories provided by manufacturer.
8. Do use scatter or throw this device; otherwise, it would damage the device.
9. Do use alkaline battery but not the rechargeable ones.
10. Do move the battery out when it is not used for an extend period of time. And follow the instruction for battery installation.
11. Replace the batteries when the suction power becomes weak during use.
12. Keep the use manual well.

13. Please note that the product's operation mode is intermittent.

It is recommended that it lasts at most 10 minutes after the operation, it should stop using after 5 minutes. Its intended use is to clean the baby nose's liquid and nasal secretions.

III. Precautions Before Using

1. Do not forget to sterilize the accessories before and after each use, including the probes.
2. Do wash your hands before using the accessories.
3. Do check the waterproof seal regular in time.
4. Do not place the whole device in any liquid.

IV. Product features

Three options for aspiration (For NC001).

Three options for music (For NC001).

Three options for probe size (For NC001/NC003).

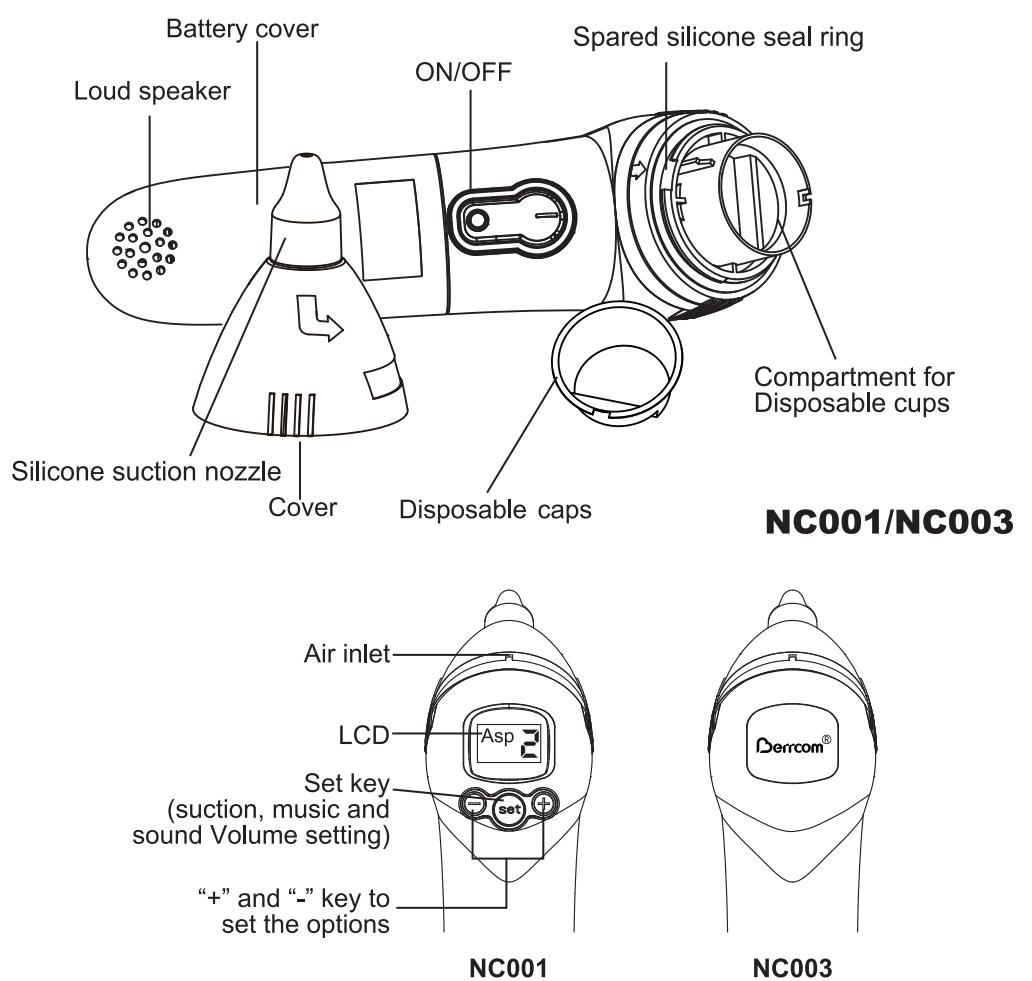
Nasal Aspirator is a new kind of fashion for baby care products, which possesses lots of advantage, like softness, high efficiency and easy operation.

Since the babies no more than one year old can only breathe by nose, it is essential to clean their nasal secretion and mucus regularly in case of illness.

V. Advice To Parents

1. Do clean your hands before taking care of your children.
2. Do uplift your baby's head during operation and make sure smooth air draft.
3. Do moisture the nasal secretion before operation.
4. Do make sure the baby's mouth is open during operation, so that air will flow smoothly in nostril.
5. Warm Prompt to Avoid Infection:
 - A. Do not kiss sick baby.
 - B. Do not kiss a baby when you are sick.
 - C. Do isolate the sick baby.
 - D. Do not cross use personal bacteria-bearing stuffs to baby.
 Should you have any further problems, please contact your retailer.
6. After each use, clean and sterilize parts including nozzles and transparent hoods with 75% medical alcohol to prevent cross-infection.

VI. Product Description



VII. Technical Features

1. Normal using condition
 - Ambient temperature: 10°C ~ 40°C (50°F ~ 104°F)
 - Relative humidity: ≤ 85%
 - Pressure altitude: 700hPa ~ 1060hPa

2. Storage and shipping condition

Ambient temperature: -20°C ~ 55°C (-4°F ~ 131°F)

Relative humidity: ≤ 95%

Pressure altitude: 700hPa ~ 1060hPa

3. Batteries: DC 3V (2 pcs AA batteries)

4. Product size:

NC001: 196x70x53mm (L x W x H)

NC003: 196x70x53mm (L x W x H)

5. Product weight:

NC001: about 185g (without batteries)

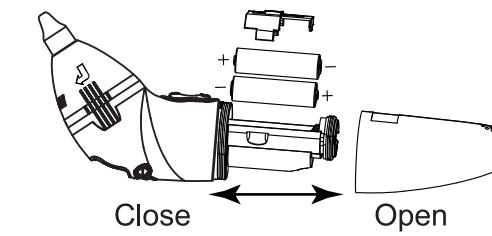
NC003: about 167g (without batteries)

6. Maximum suction: 50kPa

Longevity of the Product:

Its longevity is guaranteed for 20,000 takings. The device is valid for five years.

VIII. Battery Installation



1. Open by pulling the battery compartment in the lower part of the device.

2. Put a couple of AA batteries in, and make sure the polarity is correct.

3. Do not use chargeable battery. And do not mix the new battery with an old one.

4. Close the battery compartment.

IX. Unit Assembly

A. After insert the batteries ①

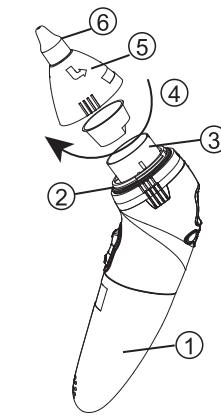
(When using for the first time), it is to place a hygienic cup ④ into the sealing base ③ .

B. Make sure the silicon seal is properly positioned ②, allowing the nasal aspirator being sealing up well.

C. Put the cover ⑤ in right place, and turn the cover till it is sealed up.

D. Options for silicon aspirator: ⑥

- Pink is for the newborn up to three months;
- Blue is for the baby from three months to twelve months;
- Orange is for the baby above twelve months.



X. Operation Instruction

NC001

Turn on the device by pressing the button "I".

Press the "set" key and hold on for three seconds to enter "ASP" mode, the "ASP" will flash on the screen. Press the "+" or "-" key can choose the aspiration strength (1- soft, 2- medium, 3- high).

Then press the "set" key again to enter "MUS" mode, select music by pressing the "+" or "-" key (0: off; No.1; No.2; No.3). Press the "set" key for the last time to enter "VOL" mode . Press the "+" or "-" key can choose volume options with VOL 1, VOL 2 and VOL 3.

Turn off the device by pressing the button "O".

Menu	0	1	2	3
ASP	Aspiration	-	30% SOFT	70% MEDIUM
MUS	Music	OFF	Option No.1 Option No.2	Option No.3
VOL	Volume	-	Low Medium	Strong

Preset: ASP: 2/MUS: 1/VOL:2

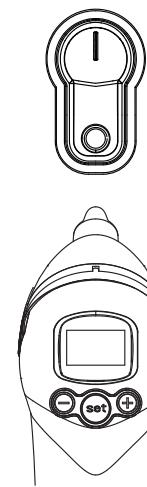
When turn on the nasal aspirator , the default state will automatically run.

NC003

Turn on the device by pressing the button "I".

Turn off the device by pressing the button "O".

- Make sure the baby's mouth is open during operation to make air draft in nostril cavity.
- Do not suck the nostril wall.
- Slow down the movement and no harsh and sudden, in case of any damage to the baby.



– Change the hygienic cup when it is necessary.

⚠ Attention: When using the physical saline water, the mixed solution with nasal secretion is probably drained into bronchia. Do make sure such mixed solution is sucked away by nasal aspirator.

⚠ Attention: Do make sure child's mouth is open during operation to make draft in nostrils.

⚠ Attention: Dispose the hygienic disposable cup when used up and clean the main unit with proper detergent.

⚠ Attention: Do not dig the device into any liquid.

⚠ Attention: Do sterilize every a period of time.

XI. Troubleshooting

Should any of the problems incur, please refer to the troubleshooting. If the problem still persists, please contact our post market service group.

Troubles	Solutions
No aspiration property	1. Check the sealing joint. 2. Check the hygienic cove in right place or not. 3. Check the silicon probe in right place or not.
No reaction with switch ON/OFF button	Check the battery polarity.

XII. Maintenance

1. Clean the device exterior with proper detergent (e.g. alcohol).
2. Tear down the moveable compartment and sterilize with boiled water or steam, but not in the microwave.
3. Clean the device with dry and soft cloth after sterilization.
4. Do not expose the nasal aspirator to sunshine and damp area directly.
5. Do not use erosive chemicals to clean the device.

Attention: Extract battery when the device is no used for an extend period of time.

XIII. Accessories

3 size Silicone suction nozzle
2 pc Spared silicone seal ring
25 pcs Disposable cups
2pcs AA alkaline batteries
1pc Manual

3 size Silicone suction nozzle



3 months below 3months to 1 year 1 year above

Disposable cups



Spared silicone seal ring

XIV. Guidelines

This device complies with the EU Directive 93/42/EEC concerning medical products, and the European Standard EN60601-1-2 and is subject to particular precautions with regard to electromagnetic compatibility.

XV. Classification

1. Internally powered equipment;
2. Type BF applied part;
3. IP22;
4. Sterilization or disinfection: Steam sterilization;
5. Category AP / APG equipment: N/A;
6. Continuous operation.

XVI. Explanation Of Symbols

Symbol	Description of symbol
	Trade mark
	Application part, Type BF
	Direct current
IP22	Protected against access to hazardous parts with a finger and against vertically falling water drops when enclosure tilted up to 15°
	Refer to instruction manual / booklet
	DISPOSAL: Do not dispose this product as unsorted municipal waste. Collection of such waste separately for special treatment is necessary.
	Manufacturer
	Serial number
	The CE labelling certifies that the product complies with the essential requirements of Directive 93/42/EEC on medical device.
	Authorized representative in the European Community/European Union
	Date of manufacture
	Model number
	Medical device
	Country of manufacture

Table 2

Guidance and manufacturer's declaration - electromagnetic Immunity		
Immunity Test	IEC 60601-1-2 Test level	Compliance level
Electrostatic discharge (ESD) 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
Electrical fast transient/burst IEC 61000-4-4	Not application	Not application
Surge IEC 61000-4-5	Not application	Not application
Voltage dips, short interruptions and voltage variations on power supply input lines IEC 61000-4-11	Not application	Not application
Power frequency magnetic field IEC 61000-4-8	30 A/m 50Hz/60Hz	30 A/m 50Hz/60Hz
Conducted RF IEC61000-4-6	Not application	Not application
Radiated RF IEC61000-4-3	10 V/m 80 MHz – 2,7 GHz 80 % AM at 1 kHz	10 V/m 80 MHz – 2,7 GHz 80 % AM at 1 kHz

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

XVII. WARRANTY/SERVICE

In accordance with our policy of continued product improvement and subject to the regulations and rules, we reserve the right to make technical and optical adjustments without notice.

Warranty and repair terms

Please contact your dealer or the service centre in case of a claim under the warranty. If you have to return the thermometer, please enclose a copy of your receipt and state what the defect is.

The following warranty terms apply:

1. The warranty period for your product is 18 months from date of purchase. In case of a warranty claim, the date of purchase has to be proven by means of the sales receipt or invoice.
2. Defects in material or workmanship will be removed free of charge within the warranty period.
3. Repairs under warranty do not extend the warranty period either for the thermometer or for the replacement parts.
4. The following is excluded under the warranty:
 - a. All damage which has arisen due to improper treatment, e.g. nonobservance of the user instructions.
 - b. All damage which is due to repairs or tampering by the customer or unauthorised third parties.
 - c. Damage which has arisen during transport from the manufacturer to the consumer or during transport to the service centre.
 - d. Accessories which are subject to normal wear and tear.
5. Liability for direct or indirect consequential losses caused by the thermometer are excluded even if the damage to the thermometer is accepted as a warranty claim.

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• UNDER NO CIRCUMSTANCES SHALL BERRCOM HAVE ANY OBLIGATION OR LIABILITY FOR ANY LOSS OF PROFIT OR FOR ANY CONSEQUENTIAL, INCIDENTAL, INDIRECT, SPECIAL, PUNITIVE, OR CONTINGENT DAMAGES WHATSOEVER WITH RESPECT TO CLAIMS MADE BY ANY CUSTOMER, CONSUMER OR OTHER USER OF BERRCOM PRODUCTS.

• IN THE EVENT THAT ANY APPLICABLE LAWS IMPOSE WARRANTIES, CONDITIONS, OR OBLIGATIONS THAT CANNOT BE EXCLUDED OR MODIFIED, THIS PARAGRAPH SHALL APPLY TO THE GREATEST EXTENT ALLOWED BY SUCH LAWS.

Table 3

Guidance and manufacturer's declaration - electromagnetic immunity							
Radiated RF IEC61000-4-3 (Test specifications for ENCLOSURE PORT IMMUNITY to RF wireless communications equipment)	Test Frequency (MHz)	Band (MHz)	Service	Modulation	Modulation	Distance (m)	IMMUNITY TEST LEVEL (V/m)
385	380–390	TETRA 400	Pulse modulation 18 Hz	1.8	0.3	27	
450	430–470	GMRS 460, FRS 460	FM ± 5 kHz deviation 1 kHz sine	2	0.3	28	
710	704–787	LTE Band 13,17	Pulse modulation 217 Hz	0.2	0.3	9	
745							
780							
810							
870							
930	800–960	GSM 800/900, TETRA 800, IDEN 820, CDMA 850, LTE Band 5	Pulse modulation 18 Hz	2	0.3	28	
1720							
1845							
1970	1700–1990	GSM 1800; CDMA 1900; GSM 1900; DECT; LTE Band 1, 3, 4, 25; UMTS	Pulse modulation 217 Hz	2	0.3	28	
2450	2400–2570	Bluetooth, WLAN 802.11 b/g/n, RFID 2450, LTE Band 7	Pulse modulation 217 Hz	2	0.3	28	
5240							
5500	5100–5800	WLAN 802.11 a/n	Pulse modulation 217 Hz	0.2	0.3	9	
5785							

Guangzhou Berrcom Medical Device Co., Ltd.
Address: No.38 Huanzhen Xi Road, Dagang Town, Nansha, 511470 Guangzhou, Guangdong, PEOPLE'S REPUBLIC OF CHINA
Tel: +86(20)34938449
Email: service@berrcom.com

Shanghai International Holding Corp. GmbH (Europe)
Address: Eiffestrasse 80, 20537 Hamburg, Germany

