



H O M E C A R E S O L U T I O N S

ITALIAN



QUALITY & DESIGN

www.norditalia.biz

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NORDITALIA could apply technical, functional, performances' and esthetical modifications without any previous advice. All technical data are approximative.

Informative content for doctors and sector professionals.

COMPANY PROFILE

NORDITALIA is specialized in the production and distribution of electro-medical equipment since 1967. Thanks to the high quality of its products Norditalia is present in many countries all over the world, strengthening long-term partnerships with the most significant local distributors.

Our products are:

- Aerosol therapy appliances with piston compressor;
- Electronic ultrasound aerosol therapy appliances;
- Accessories for aerosol therapy such as nebulising chambers, tubes, masks, nosepieces and mouthpieces;
- Room Humidifiers;
- Heat pads;
- Digital blood pressure monitors;
- Digital blood pressure monitors with AFIB detection;
- Digital blood pressure monitors with ECG;
- Portable ECG;
- Digital thermometers;
- Vapor Inhalers;
- Lice combs;

MANUFACTURING & QUALITY FOR MORE THAN 50 YEARS

50 years of experience in design and production of electro-medical devices allow us to develop our products from the idea to the final product in the best way.

One of the most important aspects of our company is the direct management of the production that is organised into three branches:

- Plastic materials' moulding;
- Compressors assembly;
- Ultimate assembly.

100% control of the production processes through our monitoring system permits us to guarantee a high and constant quality over the time to all our customers.

TECHNICAL INNOVATION

Over the years Norditalia has developed exclusive technologies employed in the manufacturing of its products, permitting the production of compact devices with high performances, high levels of reliability and affordable prices.

Our goal is to keep improving our products in a continuous optimization process.

CUSTOMIZED PRODUCTION

One of our main winning skill is a well establish Know-How in the developing of customized OEM products. The technical team of Norditalia is able to develop new products in all its phases in order to satisfy clients requirements.

CERTIFICATION

Our quality system certification according to ISO 9001 and ISO 13485 standards, the manufacturing in compliance with technical standards and the CE mark represent an additional guarantee of quality of our products and allow us to satisfy standard requirements of countries where we export our products.

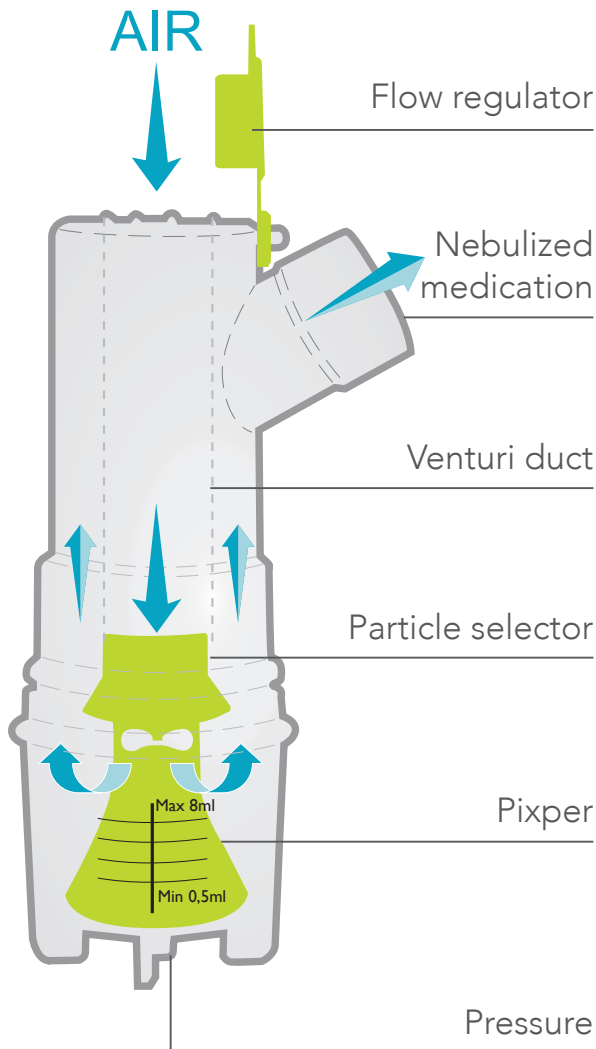


A COMPANY WITH A QUALITY
SYSTEM CERTIFIED
AZIENDA CON SISTEMA
DI QUALITÀ CERTIFICATO

ITALIAN
QUALITY & DESIGN

NEBULIZING SYSTEM

NEBOPLUS AMPUL WITH PARTICLE SELECTOR



Particle dimension has a direct effect on drug deposit in respiratory airways.

Norms EN 13544-1 states that:

- particles with a diameter between 0,5 and 3 micron reach Lower respiratory airways till pulmonary alveolus;
- particles with a diameter between 2 and 6 micron reach Medium respiratory airways till tracheobronchial tree;
- particles with a diameter over 5 micron will settle on High respiratory airways (Nose, Larynx and Trachea).

According to the above mentioned statement we created a nebulizing system adjustable according to therapy that patient needs to follow.

Neboplus Ampul is provided of multiple particle selectors that can provide a differentiation in the medicine nebulized:

1) for therapy aimed to act on High respiratory airways use the ampul without particle selector;

2) for therapy aimed to act on all respiratory airways use the green particle selector;

3) for therapy aimed to act on Lower /deep respiratory airways use the white particle selector;

Thanks to this system it is possible to increase the percentage of medicine directed towards those areas which needs to be treated, improving the effectiveness and quickness of the treatment.

Major diseases of superior tree -> Sinusitis, pharyngeal-tonsillitis, laryngitis, allergies treatments.

Major diseases of medium tree -> Bronchitis, tracheobronchial diseases, allergies treatments.

Major diseases of lower tree -> Bronchial asthma, bronchiolitis, TBC, pneumonia, alveolar disease, treatment of allergies.

The therapeutic result of aerosol therapy is strictly depending on the precision and on manufacturing quality of the nebulizing ampul.

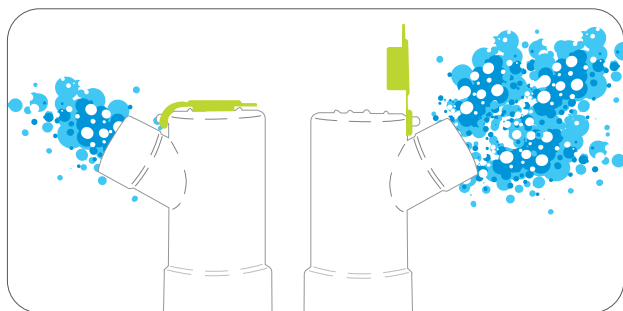
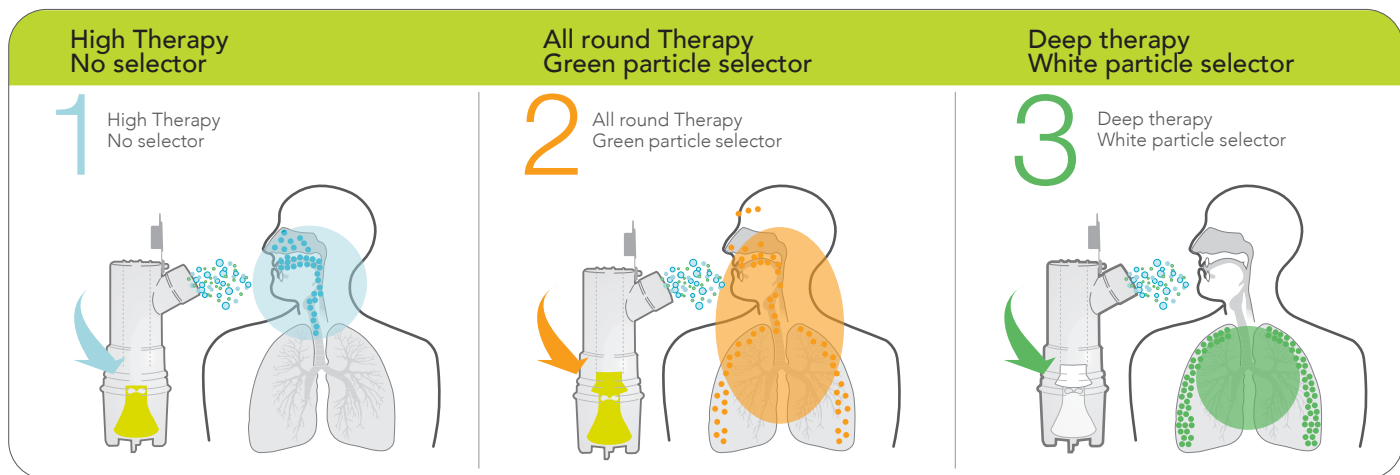
The high manufacturing precision combined with the accurately studied flows dynamics, enables to reach excellent performances both in terms of nebulization speed and of therapeutic effectiveness.

The central air duct provides an additional flow that increases the nebulization speed and support the respiratory flow of patient.

The particle Selector filters the particles blocking those which have bigger size.

The manufacturing precision of pixper together with the particles selector are warranty of optimal MMAD.

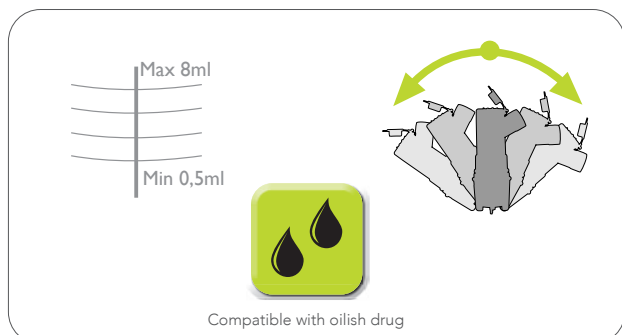
Each batch of production is manufactured with first choice materials and is controlled with a laser diffraction system in order to verify performances compliance.



The Neboplus ampul is provided with a flow regulator which enables the patient to set the nebulization speed:

- Open flow regulator -> standard speed
- Closed flow regulator -> minimum speed

The lower speed together with an appropriate respiratory rhythm enable a higher deposition on respiratory airways, with a reduction of medicine waste.



Neboplus ampul can work also in a reclined position, improving the therapy for those patients who are obliged to stay in bed.

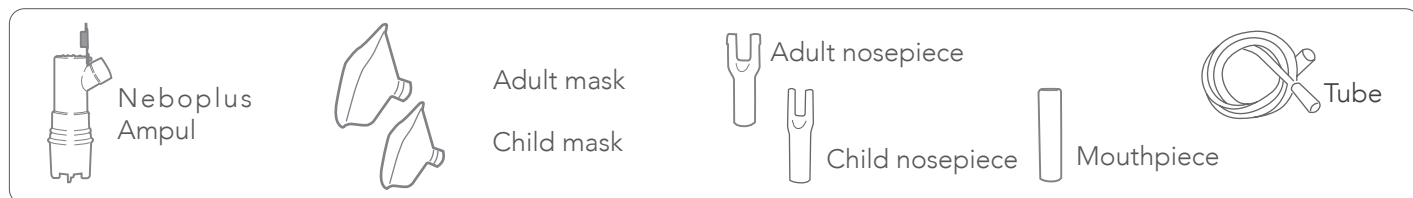
It is manufactured with medical materials, biocompatible and non-toxic.

Capacity 8 ml. Residual: less than 0,5 ml

Compatible with oilish drug

Graduated scale

ACCESSORIES



All the accessory available and connectable to Neboplus ampul are manufactured with non-toxic and biocompatible materials, they have an ergonomic design for a comfortable use.

Masks are available for adults and for children. They are manufactured with a soft material and their edges are accurately molded to avoid skin irritation.

Neboplus ampul and accessory are easily washable and disinfectable.

COMPACT PISTON NEBULIZER **@NEB**



COMPACT PISTON NEBULIZER **DROP**

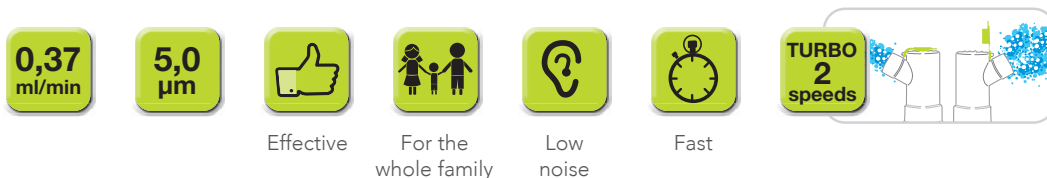


COMPACT PISTON NEBULIZER **HI-NEB**



Stickers for children Included





Description

Aerosol Therapy appliance provided with innovative piston compressor with high performances and non-stop working. High operative pressure ensures a fast nebulization time and particle dimension therapeutically effective, also thanks to the 2 speeds Neboplus Ampul. The compact dimensions facilitate the transport and the storage. Handle, cable winder, ampul-housing and spare filter.

Modern design, crash proof plastic case and attractive colours.

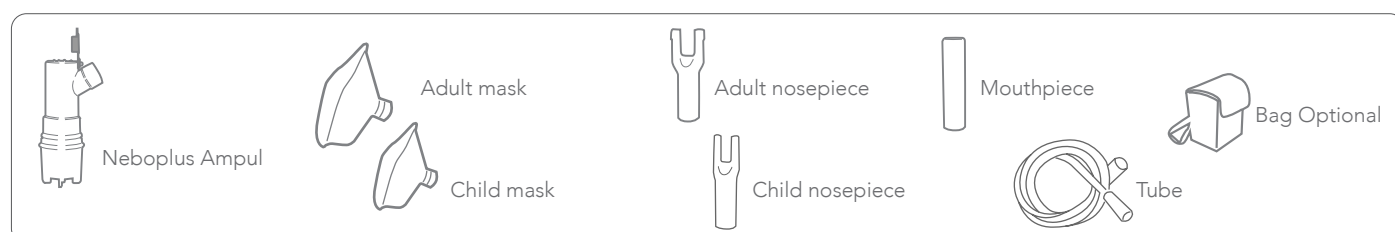
Technical specifications

Nebulization rate* - Open Plug:	0,37 ml/min
Nebulization rate* - Plug Inserted:	0,22 ml/min
MMAD*:	5 µm
Operating Pressure:	0,8 bar
Free Flow (LPM):	14 lpm
Noise level at 1 m:	55 dBA
Operating times:	non stop
Pieces per carton:	8

* Datas variable depending on the medicine used. Data measured through laser diffraction technology using a physiological solution. Datas obtained by nebulising 4 ml of physiological solution.



Accessories



CLASSIC PISTON NEBULIZER

ARIANNE POWER



- ① Ampul holder
- ② Handle
- ③ Accessories compartment opening
- ④ Accessories compartment



0,37
ml/min

5,0
µm



Effective



For the
whole family

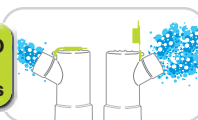


Low
noise



Fast

TURBO
2
speeds



Description

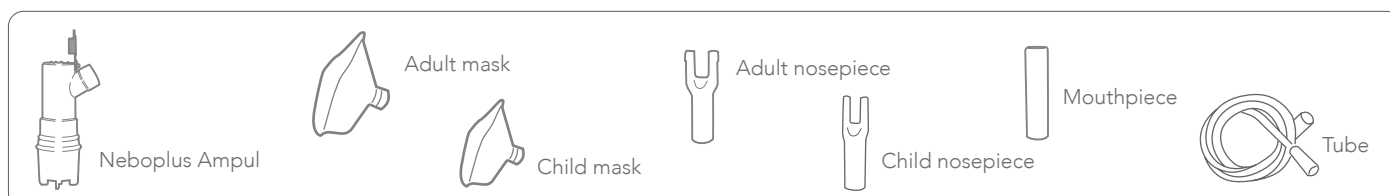
Aerosol Therapy appliance provided with innovative piston compressor non-stop working. The operative pressure ensures a fast nebulization time and particle dimension therapeutically effective, also thanks to the 2 speeds Neboplus Ampul. The compact dimensions facilitate the transport and the storage. Accessories compartment, handle, cable winder, ampul-housing and spare filter. Modern design, crash proof plastic case and attractive colours.

Technical specifications

	Arianne Power	Arianne Plus
Nebulization rate*- Open Plug:	0,37 ml/min	0,54 ml/min
Nebulization rate*- Plug Inserted:	0,22 ml/min	0,28 ml/min
MMAD*:	5 µm	4,34 µm
Operating Pressure:	0,8 bar	1,0 bar
Free Flow (LPM):	14 lpm	15 lpm
Noise level at 1 m:	55 dBA	55 dBA
Operating times:	non stop	non stop
Pieces per carton:	8	8

* Datas variable depending on the medicine used. Data measured through laser diffraction technology using a physiological solution. Datas obtained by nebulising 4 ml of physiological solution.

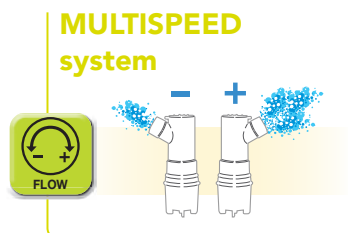
Accessories



CLASSIC PISTON NEBULIZER

MEGANEB

WITH MULTISPEED



Description

Aerosol Therapy appliance provided with piston compressor with high performances and non-stop working.

The performance of the compressor ensures a fast nebulization time and particle dimension therapeutically effective. Big compartment case for accessories, easy to clean. Handle, cable winder and spare filter. Elegant and functional design, crash proof plastic case.

Multispeed system

Possibility to set nebulisation speed from minimum to maximum.

Professional flow regulator.

Infinite possibilities to set the nebulisation speed.

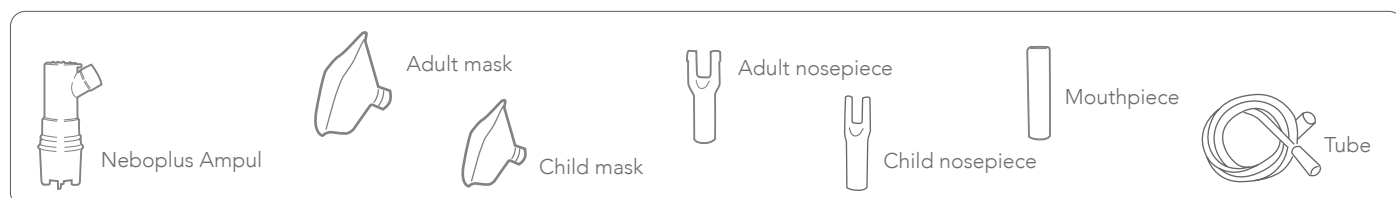
Integrated, replaceable and professional filter.

Technical specifications

Nebulization rate* - Open Plug:	0,37 ml/min
Nebulization rate* - Plug Inserted:	0,22 ml/min
MMAD*:	5 µm
Operating Pressure:	0,8 bar
Free Flow (LPM):	14 lpm
Noise level at 1 m:	55 dBA
Operating times:	non stop
Pieces per carton:	6

* Datas variable depending on the medicine used. Data measured through laser diffraction technology using a physiological solution. Datas obtained by nebulising 4 ml of physiological solution.

Accessories



PISTON NEBULIZER

MEGANEB

MEGANEB PLUS



EXTRA POWER

1,0 bar

0,54
ml/min

2,82
µm



For the
whole family



Low
noise



Fast



Double
Pixper



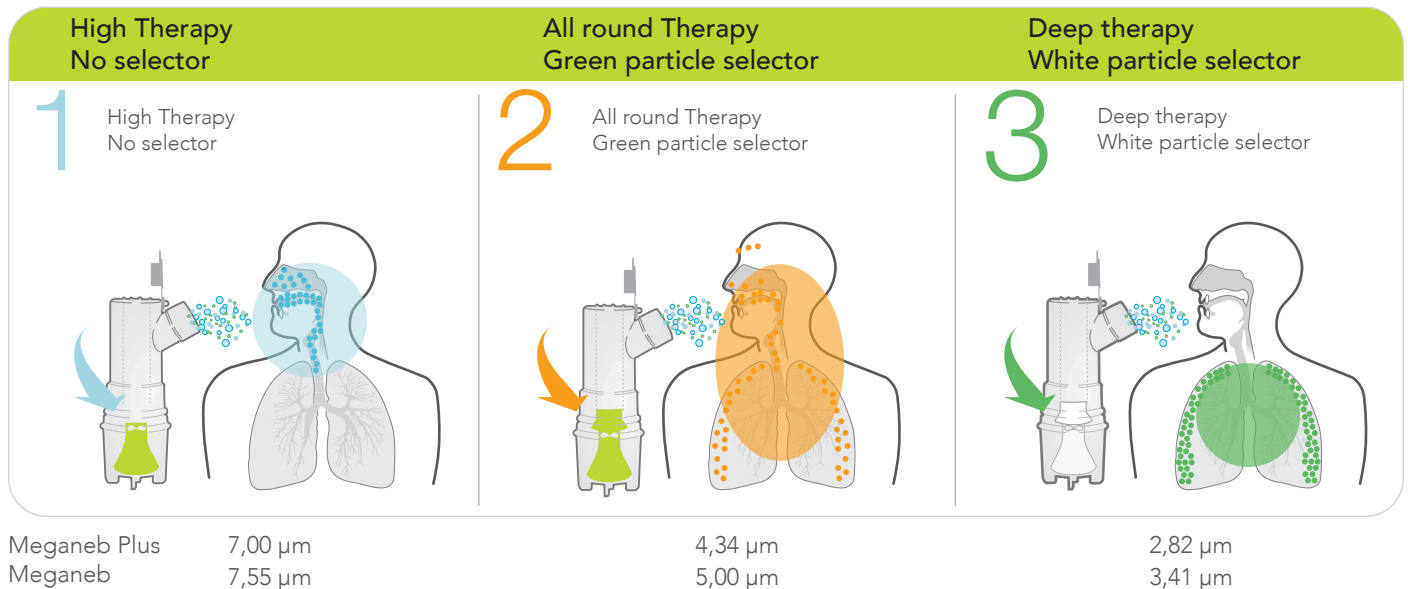
Effective



Description

Aerosol Therapy appliance provided with piston compressor with high performances and non-stop working. High operative pressure ensures a fast nebulisation time and particle dimension therapeutically effective, also thanks to the 2 speeds Neboplus Ampul. Big compartment case for accessories, easy to clean. Handle, cable winder and spare filter. Elegant and functional design, crash proof plastic case.

3 NEB SYSTEM Targeted Nebulization



Technical specifications

	Meganeb	Meganeb Plus
Operating Pressure:	0,8 bar	1,0 bar
Free Flow (LPM):	14 lpm	15 lpm
Noise level at 1 m:	55 dBA	55 dBA
Operating times:	non stop	non stop
Pieces per carton:	6	6

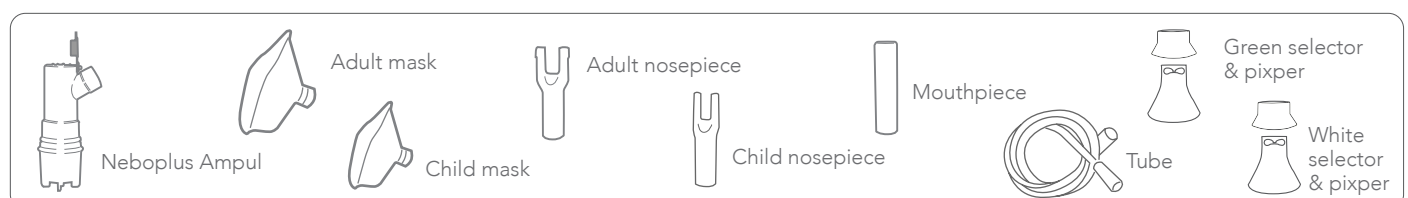
* Datas variable depending on the medicine used. Data measured through laser diffraction technology using a physiological solution. Datas obtained by nebulising 4 ml of physiological solution.

Nebulization rate*

MMAD*

MEGANEB	1	2	3
Open Plug ml/min	0,39	0,37	0,26
Plug Inserted ml/min	0,34	0,22	0,16
MMAD µm*	7,55	5,00	3,41
MEGANEB PLUS	1	2	3
Open Plug ml/min	0,62	0,54	0,34
Plug Inserted ml/min	0,39	0,28	0,20
MMAD µm*	7,00	4,34	2,82

Accessories



PORTABLE NEBULIZER

MO-03

Tested
Budesonide -
Beclomethasone

1,00
ml/min

3,0
 μ m



LCD
display



Electronic



Baby
friendly



For the
whole family



Fast



Silent



Effective

Description

Portable electronic nebuliser working with electrical adapter or battery pack (optional).
The MO-03 nebulizes drugs in a very fast way, is completely silent. It is provided with a support base which can be fixed to the bed of the child. For these reasons it is particularly suitable for paediatric use. Ergonomic, modern and compact design. Electronic functions controlled by a microprocessor. LCD display informs the user of the working status.

Main features:

- high performance appliance
(it nebulizes efficiently even mixes of medicines)
- matchless portable appliance with the possibility of table use
- LCD display, to inform the user of the working status
- electronic functions controlled by a microprocessor
- electronically adjustable nebulisation speed
- water level indicator
- automatic turning off
- battery energy status level indicator
- anti-overturn/reverse
- ergonomic shape
- innovative design
- specific kit to facilitate paediatric applications
- bag

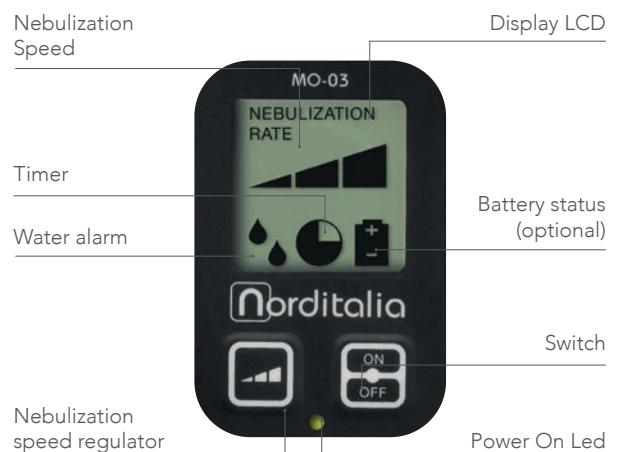


**Perfect for children
Special paediatric kit**

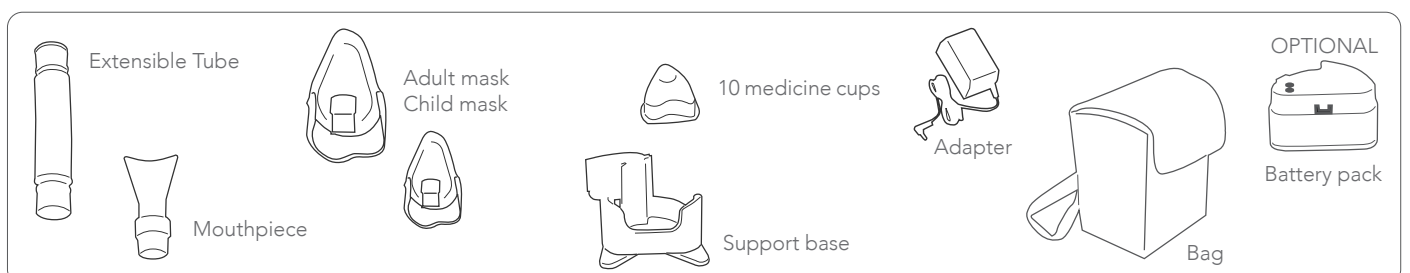
Technical specifications

Maximum speed:	1ml / minute
MMAD*:	3 µm
Medicine cup capacity:	8 ml
Battery autonomy (OPTIONAL):	45 min.
Pieces per carton:	4

* Datas variable depending on the medicine used. Data measured through laser diffraction technology using a physiological solution. Datas obtained by nebulising 4 ml of physiological solution.



Accessories



VAPOR INHALER

VAPYNORD



0,5 liters
tank



Balsamic
essence
holder



Effective

Description

VapyNord provides an immediate and effective inhalation of balsamic essences, avoiding any steam dispersions. Thanks to its funnel shape, steam effectively conveys towards the mouth and the nose. It helps to clear the respiratory airways, as the heat and the humidity fluidify mucus and phlegm. It relieves the symptoms of cough, colds and sinusitis. Manufactured in non toxic material with locking system to prevent accidental opening. Practical and convenient with two handles, to ease the use and prevent the overflow of liquid.

Technical specifications

Water tank capacity:	0,5 lt
Pieces per carton:	20



HUMIDIFIER

MINI VAPOR



NEW WHITE VAPOR



Steam
sterilized
at 100 °C



Balsamic
essence
holder



Water
level
indicator



Double
insulation
safety system

Description

Maintains the right level of humidity in rooms with dry air. It can diffuse perfumed essences throughout the room. Silent. Water level indicator rod. Stainless steel electrodes. Constructed according to the electrical standards in force and fitted with an innovative safety device. Automatic switching off.

Technical specifications

	Mini Vapor	New White Vapor
Power	350W 800 W (peak)	350W 800 W (peak)
Water tank capacity	2 L	4 L
Approx vapourisation time	5/6 h	10/12 h
Pieces per carton	12	3

BLOOD PRESSURE MONITOR + ECG

BPE-300CHECK YOUR HEART
2 IN 1BP · ECG
2 in 130 sec ECG
fast
measuringBluetooth
low
energy
technology2 user
accountsAlarm
remindingPressure
level
indicatorIrregular
Heartbeat
Indicator

Automatic



Memory

Description

2 in 1 blood pressure and ECG monitor is the best way to control your heart. Used as blood pressure monitor, this technology allows to obtain highly accurate measurements under conditions of great comfort for the patient. It is provided with a multi-user memory, large display for easy reading and limited number of buttons for easy use. The device, used as ECG monitor provides the following information: Slow Heart Rate, Fast Heart Rate, Paused Heartbeat, Irregular Rhythm, Arrhythmia Detection and Abnormal Waveform.

Equipped with a Bluetooth technology, this device gives the opportunity to download all data directly on your mobile phone. Furthermore, it has the facility to send the ECG results straight to the doctor.



Blood pressure analysis



ECG report

Technical specifications

Measurement Method: Oscillometric Method

Measurement Range: Pressure: 0 - 299mmHg, Pulse: 40 - 199Beats/min

Accuracy: Pressure: $\leq \pm 3$ mmHg, Pulse: $\leq \pm 5\%$ of Reading Displayed

Inflation: Automatic by Electric Pump

Deflation: Automatic Pressure Release Valve

Memory: 128 Measurements

Induction System: Single Channel, Bipolar

Bandwidth: 0.05 - 40 Hz

Sampling Rate: 256 Hz

Heart Rate Range: 5 - 199 Beats/min

Power Source: 4 AAA Alkaline Batteries

Dimensions: L142 x W73 x H25 mm

Arm Circumference: 22 - 36 cm

Pieces per carton: 20 (2x10) pcs

PORTABLE ECG

ECG-400



ECG report



One
button
operation



30 sec ECG
fast
recording



Wireless device
Bluetooth
Smart



Memories



Light
weight

Description

Portable ECG is provided with 36 memories and a single button for easy use. This pocket-sized device can record the ECG in only 30 seconds. The device provides the following information: Slow Heart Rate, Fast Heart Rate, Paused Heartbeat, Irregular Rhythm, Arrhythmia Detection and Abnormal Waveform.

Equipped with a Bluetooth technology, this device gives the opportunity to download all data directly on your mobile phone. Furthermore, it has the facility to send the ECG results straight to the doctor.

ECG Results



Normal result



Slow heart rate



Fast heart rate



Paused heartbeat



Irregular rhythm



Abnormal waveform

Technical specifications

Induction System: single channel, bipolar

Bandwidth: 0.05 - 40Hz

Sampling Rate: 256Hz

Heart Rate Range: 5 - 199 beats/min

Memory: 36 measurements

Power Supply: two coin-typed batteries

Battery life: 500+ measurements with new batteries

Dimensions: 93 mmx 38 mmx 10.5 mm

Pieces per carton: 32 (4x8) pcs

BLOOD PRESSURE MONITOR

BP-1500



Atrial Fibrillation
Detection



Pre-shaped
conical cuff



FUZZY LOGIC+

HIGH PRECISION



Atrial
Fibrillation
detection



Memory



Multiple
Measurement
Mode



Pre-shaped
conical
cuff



Cuff
tightness
detection



Body
Motion
detection



Average
of the last 3
measurements



Pressure
level
indicator



Irregular
Heartbeat
Indicator



Automatic

Description

The new Blood Pressure Monitor BP-1500 is the best way to control hypertension. Thanks to its AF (Atrial Fibrillation) mode, it is able to take and analyze up to 3 measurements in succession, assuring a more reliable result. Its additional feature consists in its ability to detect atrial fibrillation (AFIB) during the measurement. It assures a great comfort to the patient thanks both to its pre-shaped conical cuff and its inflation pressure system, avoiding overly the arm compression.

It is also provided with Body Motion and Cuff Tightness detection, technologies that guarantee a more accurate measurement, avoiding the risk of inaccurate results. Large display for easy reading, limited number of buttons for easy use, two users x 120 memories.

Technical specifications

2 users x 120 memories with date and time (240 in total)

Atrial Fibrillation detection

Multiple Measurement Mode

Pre-shaped conical cuff 22-42 cm

Average of last 3 measurements

Indicator of pressure values according to WHO *

Protection bag

4 (AA) batteries included

Pressure Accuracy: ± 3 mmHg

Pulse Accuracy: $\pm 5\%$

AC/DC adapter available upon request **

Pieces per carton: 24

* World Health Organization -

** Euro plug 100 to 240V ~ 50/60Hz

BLOOD PRESSURE MONITOR

BP-2000



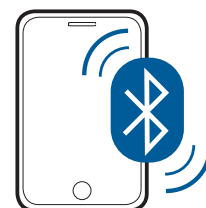
Atrial Fibrillation
Detection



Touch screen
panel



Pre-shaped
conical cuff



USB POWER CABLE INCLUDED

FUZZY LOGIC+

HIGH PRECISION



Touch
screen
panel

AF

Atrial
Fibrillation
detection

2x120
MEM

Memory

M³

Multiple
Measurement
Mode



Pre-shaped
conical
cuff



Cuff
tightness
detection



Body
Motion
detection

AVG3

Average
of the last 3
measurements

W.H.O.

Pressure
level
indicator

I.H.B.

Irregular
Heartbeat
Indicator



Automatic

Description

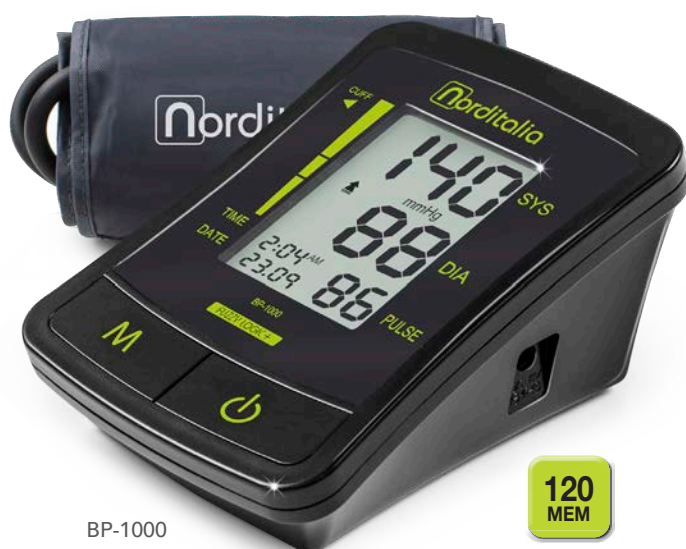
The new Blood Pressure Monitor BP-2000 is ideal for monitoring hypertension. Thanks to its AF (Atrial Fibrillation) mode, it automatically detects and analyzes up to 3 measurements, assuring a more reliable result. Its additional feature consists in detecting atrial fibrillation (AFIB) during the measurement. With its cuff tightness and body motion detection, it is able to detect any error during the measurement. It guarantees a great comfort to the patient thanks both to its pre-shaped conical cuff and its inflation pressure system, avoiding overly the arm compression. Provided with optional Bluetooth Technology (optional), with this device the patient is able to analyze the results using their mobile. Large backlit LCD touch screen for easy reading. Able to register 120 memories for 2 users each. Additionally the device is equipped with a power cable which allows the use without batteries.

Technical specifications

- 2 users x 120 memories with date and time (240 in total)
- Weekly day&night average measurement (up to 8 weeks)
- Average of last 3 measurements
- Atrial Fibrillation detection
- Multiple Measurement Mode
- Pre-shaped conical cuff 22-42 cm
- Indicator of pressure values according to WHO *
- USB power port with power cable
- 4 (AA) batteries included
- Protection bag
- Pressure Accuracy: ± 3 mmHg
- Pulse Accuracy: $\pm 5\%$
- Pieces per carton: 24

* World Health Organization

BLOOD PRESSURE MONITOR

BP-1000**BP-500**

BP-1000

**120
MEM**

BP-500

**2x60
MEM**Pressure
level
indicatorIrregular
Heartbeat
IndicatorAverage
of the last 3
measurements

Automatic

Description

The new line of blood pressure monitor of Norditalia is the best way to control hypertension. The technology used allows to obtain highly accurate measurements under conditions of great comfort for the patient. The inflation pressure is electronically controlled to suit the patient and avoid overly compressing the arm / wrist. Deflation electronically controlled for greater accuracy. Large display for easy reading, limited number of buttons for easy use, average of last 3 measurements, 120 memories (BP-1000), 2x60 memories (BP-500).

Technical specifications

BP-1000 Arm Type	BP-500 Wrist Type
120 memories with date and time	2x60 memories with date and time - 2 users
Cuff 22-36 cm	Cuff 13,5 - 21,5 cm
Average of last 3 measurements	Average of last 3 measurements
Indicator of pressure values according to WHO*	Indicator of pressure values according to WHO*
Protection bag	Protection box
4 (AA) batteries included	2 (AA) batteries included
Pressure Accuracy: ± 3 mmHg	Pressure Accuracy: ± 3 mmHg
Pulse Accuracy: $\pm 5\%$	Pulse Accuracy: $\pm 5\%$
AC/DC adapter available upon request **	Pieces per carton: 48 (6x8 pcs)
Pieces per carton: 24	

* World Health Organization -

** Euro plug 100 to 240V ~ 50/60Hz

DIGITAL THERMOMETERS

Digital thermometer for body temperature measurement. Detects temperature quickly. Acoustic signal in case of high temperature. Easy to read display. Last measure stored in memory.

TD-180



Jumbo
Display



Fever
Alarm



Beeper



5 sec



FLEX



Technical specifications

Pieces per carton 48 (6x8)

TD-21



Fever
Alarm



Beeper



Technical specifications

Pieces per carton 240 (24x10)

TD-82

TD-82F

FAST MEASUREMENT
10 SECONDS



Fever
Alarm



Beeper



FLEX



Technical specifications

TD-82

Pieces per carton: 240 (24x10)

TD-82F

Pieces per carton: 400 (20x20)

HEATING PAD

CALOR



3 temperature levels



Auto-off function



Electronically controlled temperature



Washable



Super Soft



Detachable cable

Description

The heat produced by our Heat Pad helps you to feel well in a natural way.

• Complies to safety standards • Electronic heat control • Safety system • Auto - off system • 3 temperature levels • Detachable plug • Washable • Soft fleece



Standard



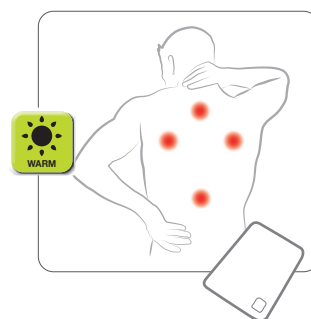
Standard +



Cervical

Technical specifications

Model	Calor Standard	Calor Standard +	Calor Cervical
Dimension	30x40 cm	60x40 cm	30x58 cm
Power	100 W	100 W	100 W
Approx. Temperature	60° C	60° C	60° C
Pieces per carton	6	6	6



LICE COMB

GREEN COMB



Description

Comb to remove lice and nits.
The metal teeth are designed to ensure maximum effectiveness during the treatment.
Stainless steel teeth are easy to clean and with a rounded tip to prevent scratches on the skin.

Technical specifications

Pieces per submaster carton: 24

Pieces per master carton: 576

NOTE

[illegible]

NOTE

[illegible]



H O M E C A R E S O L U T I O N S

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