



General Catalogue





Breathe better, live well.

As one of the world's pioneering manufacturers of aerosol therapy units, Flaem is fully aware of the consequences that several factors, such as air, environment and stress, can have on health and that breathing well means living better.

Nowadays respiratory diseases are a widespread problem: more than 30% of the population has allergies, rhinitis, sinusitis and other infections. The rapid growth of these diseases in our modern society is mainly determined by air pollution and temperature changes.





We take care of people needs by developing and manufacturing safe and certified products, fully Made in Italy

From over 50 years, Flaem develops and manufactures a wide range of innovative devices for the respiratory care and wellness of the whole family.

Experience, constant innovation and professionalism of each member of the Flaem's Team translate in high quality and effective products. Flaem's objective is to continue to take care of people's health, by developing and manufacturing in Italy according to the highest quality and safety standard procedures.



Manufacturer

Flaem Nuova Spa

Working closely with specialized Laboratories and international Universities, Flaem Nuova produces top quality, Italian made devices that deliver highly effective results.



Flaem products are the results of more than 50 years of experience, and of a Team of 120 people strictly collaborating in a large and integrated management center and manufacturing plant, with a strong commitment towards the achievement of common objectives.

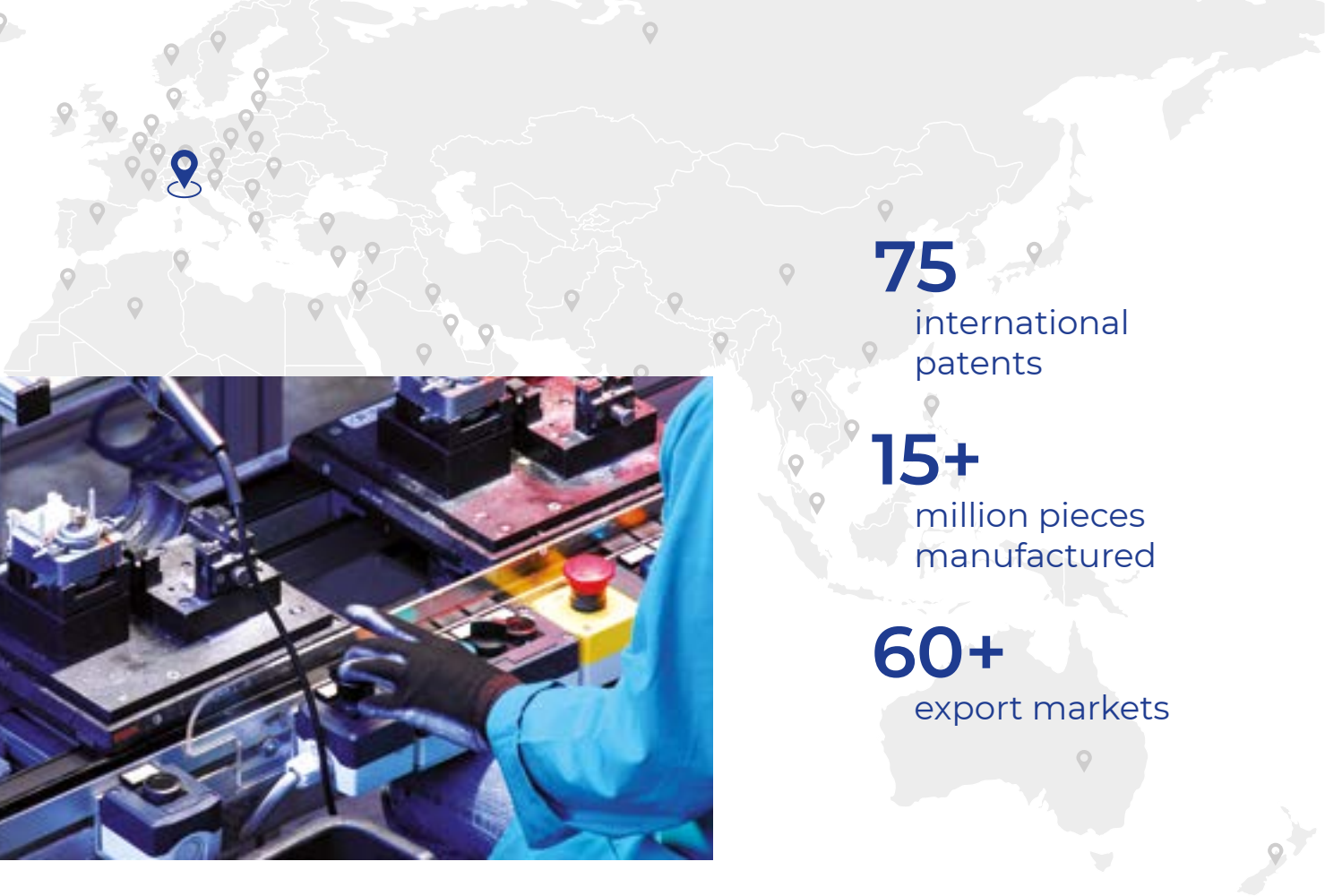
Flaem Nuova operates in a 20.000 sqm plant located in San Martino Della Battaglia (Italy), incorporating R&D offices, plastic moulding and assembly department, warehouse, administrative, quality and sales offices. Through a global distribution network, Flaem Nuova offers innovative and highly reliable products that fully meet the requirements and regulations of each single Market.



Research & Development

This is a key area where the company is concentrating the investments both in human resources and in activities, aiming to meet the current market requests and anticipate solutions.





75
international
patents

15+
million pieces
manufactured

60+
export markets



 **Technological innovation**

Flaem Nuova innovation means continuously identifying market needs, and translating in updated technological solutions, products, production process.

 **Certification**

Flaem operates according to strict operational procedures and exacting production standards ensuring a high level of quality and integrity of products, with the main objective of end-user safety. The company operates with the most prestigious international approval authorities.

 **Manufacturing process**

Flaem Nuova production means a manufacturing process which incorporates total control through vertical integration ensuring high efficiency and optimal coordination of human resources.



History



2022

Flaem launches PulmoWaves2, a unique 3-in-1 device for respiratory physiotherapy



2021

Flaem Nuova introduces LightNeb, starting a 2nd generation of mesh products



2019

1 nebulizer, 4 therapies. Flaem introduces the new RF9



2009

"Rhino Clear Mobile" compact and rechargeable nasal wash, always ready for use



2000s

Flaem Nuova keeps growing



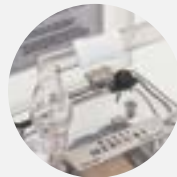
1990

The Flaem Nuova's Expansion



1980

The 80's
The first ultrasound portable nebulizers manufacturing



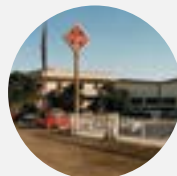
1975

"RapidFlaem 1" the first unbreakable polycarbonate nebulizer cup



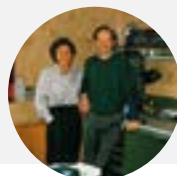
70's

The assembly department



60's

The first production plant S. Martino Della Battaglia Italy



1966

Flaem Nuova was founded by Franco and Elena Abate

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Understanding Aerosol Therapy

Aerosol therapy is an effective medical treatment for a variety of respiratory pathologies of the nose, throat, bronchial tubes and lungs.

An «aerosol» is a suspension of solid particles and/or drops of liquid that penetrate into the airways through the mouth and nose, coming in contact with the larynx, pharynx and trachea, and eventually reaching the lungs: here they come in contact with the bronchial mucosa and air sacs, following precise laws of kinetics such as inertia, gravity and diffusion. The **effectiveness** and quality of the therapy depends on the measured average particle size. The **comfort** also depends on treatment speed and portability of the device.

Choosing the right Nebulizer



Upper airways

Flaem offers a wide range of innovative devices specifically designed for the correct treatment of the upper respiratory tract, stand-alone or to be connected to a compressor nebulizer: The Rhino Clear® product range.



Lower airways

The Italian-made in Flaem range offers heavy-duty compressors right through to lightweight hand-held nebulizers. Choosing the right product depends on the specific pathology and prescription. Flaem complete range includes a vast array of accessories and nebulizer kits.

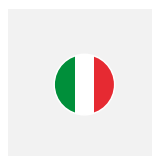


Why choosing Flaem inhalation devices



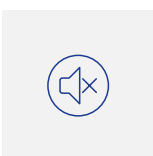
Particle size tested by TÜV

Flaem nebulizers reliability is guaranteed by strict production standards and constant monitoring. In particular, both the particle size (MMAD) and respirable fraction (RF) key parameters, they are tested by a third party body: TÜV Rheinland Italia S.r.l. in collaboration with University of Parma.



Made in Italy

Flaem nebulizer systems are fully made in Italy, through an internal and vertical integrated process. This full controll is a guarantee of the highest level of quality, integrity and performance of each single Flaem product.



Silent & Comfortable

Flaem manufacturing experience and technology is also resulting in silent products, comfortable to use in different places and frequency.



CE0051

The reliability of Flaem products is also guaranteed by the CE0051 certification, and by monitoring product and production system in accordance with the most prestigious authorities.



Upper airways

The air we inhale goes initially through the upper respiratory tract: nose, oral cavity, larynx and trachea. It is precisely through these channels, which bring the flow of air into our body, that we come into contact with the external environment. If the air we introduce does not have the correct temperature, or it is impure and contaminated, it is possible that disease may occur. Flaem offers a wide range of devices specifically designed for the treatment of upper respiratory tract, from the newborn to the elderly.



Lower airways

The lower respiratory tract includes the parts under pharynx: from lungs to the bronchial mucous membranes and the pulmonary alveoli. This segment is subject to inflammations and infections that can be treated with the help of aerosol therapy. This treatment has a fundamental role not only in the administration of drugs, but also in the prevention of diseases.



Aerosol Therapy for the Upper Airways



Rhino Clear®

Rhino Clear® is a fast and effective system to clean the upper respiratory tract. Paired with a compressor nebulizer, it removes secretions, dust and harmful substances that have accumulated inside the paranasal sinuses and collects them in a special chamber. It can be used with saline solutions (isotonic, hypertonic, liposome solutions, etc.), thermal waters or medications commonly available in pharmacies.



Rhino Clear® (Model: RC1-1)

Nasal adapters (included):



Up to 3 years

3-12 years

12+ years

Why Rhino Clear® and Rhino Clear® Ergo Plus



Made in Italy



Start/Stop button



Compatible with the entire range of Flaem compressor nebulizer systems



Clinically tested

(Model: RC1-1)



Rhino Clear® Compact

(Model: RC3-1)



Rhino Clear® Ergo Plus (Model: RC1-2)

Soft nasal adapters (included):



Up to 3 years

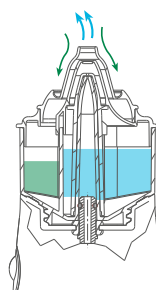
3-12 years

12+ years

| Code | |
|---------|---|
| ACO556P | Rhino Clear Neutral |
| ACO415P | Rhino Clear Blue |
| ACO416P | Rhino Clear Yellow |
| ACO702P | Rhino Clear Ergo Plus |
| ACO781P | Rhino Clear Compact |
| ACO575P | RHINO CLEAR® display kit including 6 pieces in assorted colours |

Rhino Clear Sprint

Portable nasal wash, with batteries. Rhino Clear Sprint is **Effective** (correct particle size for nebulization in the upper airways), **Comfortable** (non-invasive, easy to clean, can be used everywhere) and suitable for both adults and children. Can be used with saline solutions (isotonic, hypertonic, liposome solutions, etc.), thermal waters or medications commonly available in pharmacies.








■ Secretion recovery chamber
■ Salt solution chamber for washing

Patented, Innovative and Comfortable 2-chamber system



Why Rhino Clear Sprint

-  Made in Italy
-  2 AA alkaline batteries (included) or rechargeable
-  Nasal soft-touch adaptors for adults and children
-  Low energy consumption
-  Fast treatment (2 minutes for 10ml nebulization)

(Model: P0709EM)

| CODE | PACKAGING |
|---------|-----------|
| DR00P00 | 6 pcs |

Rhino Clear Mobile

Portable nasal wash, with internal micro-compressor and rechargeable battery. Rhino Clear Mobile is **Effective** (correct particle size for nebulization in the upper airways), **Comfortable** (non-invasive, easy to clean, can be used everywhere) and suitable for both adults and children. Can be used with saline solutions (isotonic, hypertonic, liposome solutions, etc.), thermal waters or medications commonly available in pharmacies.



AEROSOL THERAPY









Physical features

| | |
|---|--------------|
| Nasal irrigator dimensions | 7x6x15.5h cm |
| Recharger base dimensions | 15x9x8h cm |
| Nasal irrigator weight | 210 g |
| Total weight (recharger base with unit and accessories) | 480 g |

| CODE | ACCESSORIES |
|---------|--|
| ACO409P | Nebulizer chamber + 3 soft nasal adapters in a box |

Why Rhino Clear Mobile

-  Made in Italy
-  Battery Ni-Mh low discharge and rechargeable base
-  Nasal soft-touch adaptors for adults and children
-  Low energy consumption
-  Fast treatment (2 minutes for 10ml nebulization)
-  Travel bag

(Model: P0907EM)



| CODE | PACKAGING |
|---------|-----------|
| DR04P00 | 8 pcs |

Safe product ›



Aerosol Therapy for the Lower Airways Portable Nebulizer Systems



NEW



PORTABLE

Small, light, ergonomic, pocket-sized.

SILENT

Extremely quiet nebulization.

EASY TO USE

Simple to use, with an indicator light that shows when it is in operation.

EFFICIENT

Suitable for nebulizing a large number of suspension drugs, including Budesonide and Beclomethasone.

OFFICIALLY TESTED





In vitro testing performed by TÜV Rheinland Italia Srl in collaboration with University of Parma and in compliance with the EN 13544-1.

MADE IN ITALY

The first and only Mesh-technology nebulizer fully engineered and manufactured in Italy.





LightNeb

Portable, silent and efficient mesh nebulizer. Tested to nebulize suspensions like beclomethasone and budesonide.

| WHERE TO USE | USE | PARTICLE SIZE TESTED |
|---|--|---|
|  Home |  Portable / With battery |  Frequent |
|  by TÜV Rheinland Italia S.r.l. | | |



Innovative therapy light indicator

-  Device On
-  End of treatment
-  Low battery
-  Empty battery








Designed and manufactured in Italy



Comfortable Soft Touch Accessories: mouthpiece, adult and pediatric masks

Why LightNeb

-  Made in Italy
-  Extremely silent
-  2 AA alkaline batteries (included)

-  Portable and compact
-  Nebulizes effectively also drugs with suspensions (e.g. Budesonide and Beclomethasone)

(Model: P0318EM)

Technical features of nebulization

| | |
|---|-----------|
| Delivery ml/min ⁽¹⁾ | ≥ 0.30 |
| MMAD μm ⁽²⁾ | 3.7 - 4.6 |
| Breathable fraction < 5 μm ⁽²⁾ | 65% |
| Maximum fill volume | 10 |

(1) Data shown is in accordance with Flaem Nuova internal procedure I29-P075. Values shown for the aerosol delivery may vary depending on the patient's respiratory capacity.
(2) In vitro testing performed by TÜV Rheinland Italia S.r.l. in collaboration with the University of Parma and in compliance with the EN 13544-1:2007 + A1 European Standard for aerosol therapy devices Standard. More details are available on request.

| CODE | PACKAGING |
|---------|-----------|
| MF32E00 | 4 pcs |

Universal Plus

Silent, lightweight and easy to clean electronic nebulizer for fast treatments. Universal Plus includes a standard array of accessories, for optimized therapy possibilities.

WHERE TO USE USE



Home



Portable



Seasonal



AEROSOL THERAPY

Features & Benefits






- Completely washable and waterproof

- Flow regulator included

- Solid base for perfect stability

- Standard equipment includes: extension tube, masks, mouth and nosepieces

Why Universal Plus

-  Made in Italy
-  Extremely silent
-  Big comfortable carry bag included
-  Adult and Child masks included
-  Universal power supply



(Model: UNIVERSAL PLUS)

Technical features of nebulization

| | |
|---|--------|
| Delivery ml/min ⁽¹⁾ | ≥ 0.7 |
| MMAD μm ⁽²⁾ | 4.15 |
| Breathable fraction < 5 μm ⁽²⁾ | 69,61% |
| Maximum fill volume ⁽¹⁾ | 6 ml |

(1) Data shown is in accordance with Flaem Nuova internal procedure I29-P075. Values shown for the aerosol delivery may vary depending on the patients respiratory capacity — (2) Data calculated based on the values established by Malvern Spraytec and compared with the values of the tests performed on other devices in compliance with the European Standard for aerosol therapy devices Standard EN 13544-1.





| CODE | PACKAGING |
|---------|-----------|
| E609E00 | 6 pcs |

Safe product ›



Wi.Neb go











Portable and silent compressor nebulizer system. Very fast and effective, Wi.Neb Go can be used worldwide and combined with a long-lasting Li-Ion battery.

| WHERE TO USE | USE | PARTICLE SIZE TESTED |
|--|---|--|
|  Home |  Portable / With battery |  Seasonal |
| | |  by TÜV Rheinland Italia S.r.l. |



The PWM (Pulse Width Modulation) technology ensures a constant delivery during the complete battery operation. The battery pack can be fully charged in about 2 hours through mains supply or through the included 12V cigarette lighter power cable.

Why Wi.Neb go

-  Made in Italy
-  Car cigarette lighter 12V adapter included
-  Breath enhanced two-speeds nebulizer "RF7 Dual Speed Plus"
-  Compatible with Rhino Clear® nasal wash
-  Silent
-  Low energy consumption
-  Soft-touch Adult and Child masks included
-  Travel bag
-  High quality air filter
-  Universal power supply

(Model: P0905EM)

RF7 Dual Speed Plus

Technical features of nebulization





| Dual speed nebulizer | Speed selector | |
|---|----------------|-------|
| | MIN | MAX |
| Delivery ml/min ⁽¹⁾ | 0.18 | 0.42 |
| MMAD μm ⁽²⁾ | 2.95 | 2.44 |
| Breathable fraction < 5 μm ⁽²⁾ | 74.7% | 80.7% |
| Maximum fill volume | 8 ml | |

(1) Data shown is in accordance with Flaem Nuova internal procedure I29-P075. Values shown for the aerosol delivery may vary depending on the patients respiratory capacity.
 (2) In vitro testing performed by TÜV Rheinland Italia S.r.l. in collaboration with the University of Parma and in compliance with the EN 13544-1: 2007 + A1 European Standard for aerosol therapy devices Standard. More details are available on request.

| CODE | PACKAGING | CODE | EXTRA |
|---------|-----------|---------|--------------------|
| WI02P00 | 4 pcs | ACO377P | Li-Ion Battery set |

ProfiNeb

Silent and comfortable compressor nebulizer system for the whole family. ProfiNeb has very compact sizes, without compromising on speed and particle sizes.










| WHERE TO USE | | USE | PARTICLE SIZE TESTED |
|---|---|---|---|
|  |  |  |  |
| Home | Portable | Seasonal | by TÜV Rheinland Italia S.r.l. |



Including BABY clip and stickers, that can be fitted directly on nebulizer



Why ProfiNeb

-  Made in Italy
-  Breath enhanced two-speeds nebulizer "RF7 Dual Speed Plus"
-  Silent
-  Soft-touch Adult and Child masks included
-  High quality air filter
-  Compatible with Rhino Clear® nasal wash
-  Low energy consumption
-  Travel bag
-  Universal power supply

(Model: P0915EM)

RF7 Dual Speed Plus

Technical features of nebulization

| Dual speed nebulizer | Speed selector | |
|---|----------------|-------|
| | MIN | MAX |
| Delivery ml/min ⁽¹⁾ | 0.18 | 0.42 |
| MMAD μm ⁽²⁾ | 2.95 | 2.44 |
| Breathable fraction < 5 μm ⁽²⁾ | 74.7% | 80.7% |
| Maximum fill volume | 8 ml | |

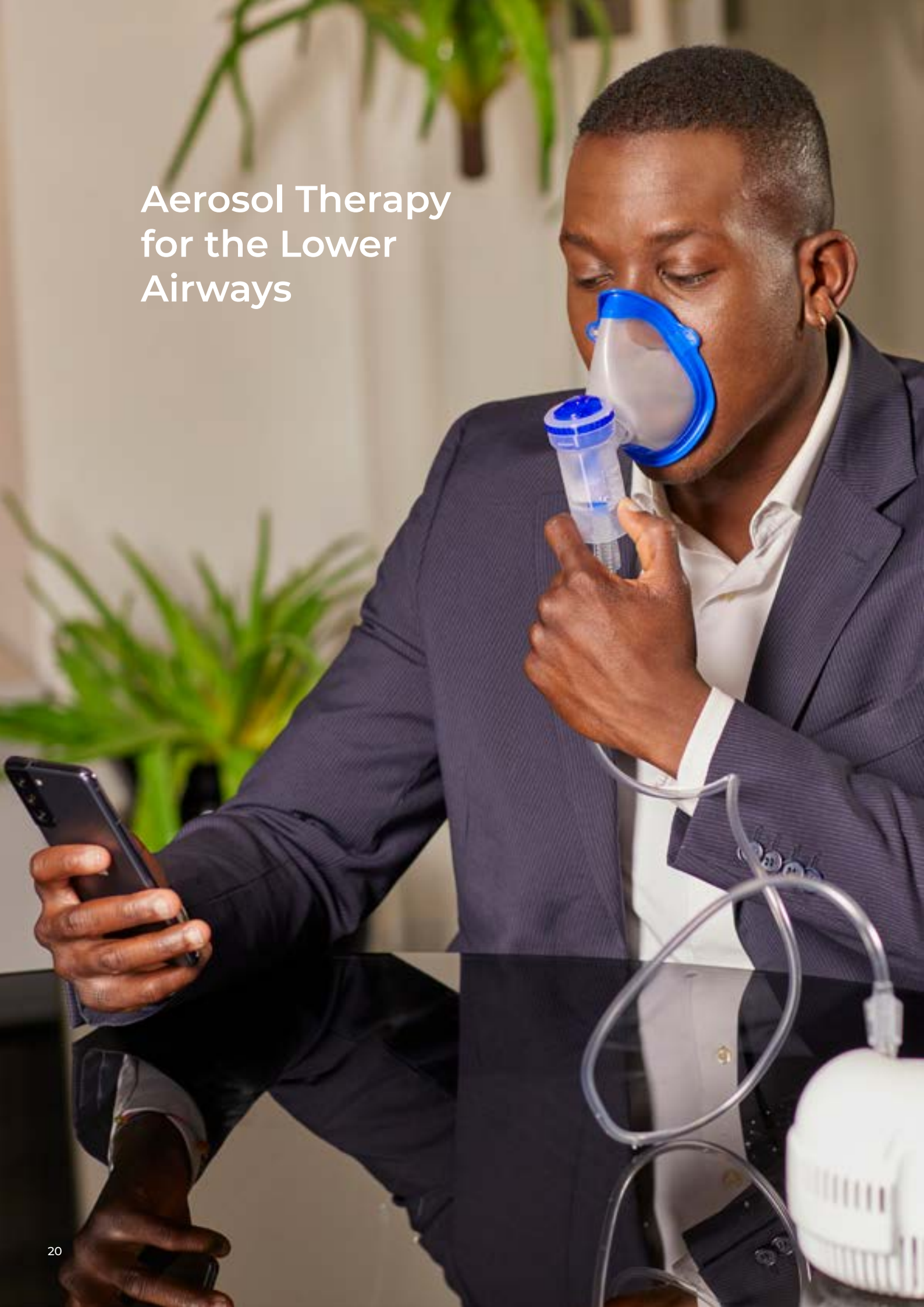
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 (2) In vitro testing performed by TÜV Rheinland Italia S.r.l. in collaboration with the University of Parma and in compliance with the EN 13544-1: 2007 + A1 European Standard for aerosol therapy devices Standard. More details are available on request.

| CODE | PACKAGING |
|---------|-----------|
| MI03P00 | 8 pcs |

Safe product ›






Aerosol Therapy for the Lower Airways



NebulFlaem 4.0

Complete and effective professional nebulizer system thanks to the heavy duty compressor. Equipped with the innovative “RF9” nebulizer with 4 modes of nebulization that allows targeted treatments for different respiratory tracts.









| WHERE TO USE | USE | PARTICLE SIZE TESTED |
|--|--|---|
|  Home / Professional |  Intensive |  by TÜV Rheinland Italia S.r.l. |



AEROSOL THERAPY

The casing of NebulFlaem 4.0 is made of ABS plastic mixed with antimicrobial additive BioCote®, which makes the surfaces protected 24 hours a day and permanently provides antibacterial, antifungal and antiviral properties.



-  No selector 
Oropharyngeal region
-  Pos. 1 
Tracheobronchial region
-  Pos. 2 
Pulmonary region
-  Pos. 3 
Peripheral region

Why NebulFlaem 4.0

-  Made in Italy
-  Professional air filter
-  RF9 Nebulizer with valves and 4-modes of treatment
-  Sturdy handle for easy transportation
-  Soft-touch Adult and Child masks included
-  Cable storage compartment
-  Compatible with Rhino Clear® nasal wash
-  Convenient built-in storage compartment

(Model: CONDOR F2000)

RF9 | Technical features of nebulization

| Respiratory System | Flaem Compressor | F2000 | | Breathable fraction < 5 µm (FPF) | |
|--------------------|-------------------------|-------------------------|---------------------|----------------------------------|----------------------|
| | | Nebulizer configuration | MMAD (µm) | | Output rate (ml/min) |
| Upper Airways | Oropharyngeal region | No selector | 5.80 ⁽³⁾ | 0.75 ⁽²⁾ | 40,3% ⁽¹⁾ |
| | Tracheobronchial region | Position 1 | 4.67 ⁽¹⁾ | 0.54 ⁽²⁾ | 54,4% ⁽¹⁾ |
| Lower Airways | Pulmonary region | Position 2 | 3.62 ⁽¹⁾ | 0.51 ⁽²⁾ | 66,3% ⁽¹⁾ |
| | Peripheral region | Position 3 | 2.56 ⁽¹⁾ | 0.38 ⁽²⁾ | 82,2% ⁽¹⁾ |

| CODE | PACKAGING |
|---------|-----------|
| Y301P00 | 6 pcs |




⁽¹⁾ In vitro testing performed by TÜV Rheinland Italia S.r.l. in collaboration with the University of Parma and in compliance with the EN 13544-1:2007 + A1 European Standard for aerosol therapy devices Standard. More details are available on request.
⁽²⁾ Data measured according to Flaem I29-P075 internal procedure Dispensing speed values may vary according to the patient's respiratory capacity. More details are available on request.
⁽³⁾ Data calculated on the basis of the values obtained with Malvern Spraytec, and compared with the values of the tests performed at the University of Parma.

Safe product ›










Hospineb

Compact and powerful nebulizer with professional performances, also suitable for rental and for the use in medical settings.

| | | |
|---|---|---|
| WHERE TO USE | USE | PARTICLE SIZE TESTED |
|  |  |  |
| Home / Professional | Intensive | by TÜV Rheinland Italia S.r.l. |



Why Hospineb

-  Made in Italy
-  Professional air filter
-  Breath enhanced two-speeds nebulizer "RF7 Dual Speed Plus"
-  Sturdy handle for easy transportation
-  Soft-touch Adult and Child masks included
-  Cable storage compartment
-  Compatible with Rhino Clear® nasal wash

(Model: FLAEM JUNIOR F2000)

RF7 Dual Speed Plus

Technical features of nebulization




| Dual speed nebulizer | Speed selector | |
|---|----------------|-------|
| | MIN | MAX |
| Delivery ml/min ⁽¹⁾ | 0.29 | 0.65 |
| MMAD μm ⁽²⁾ | 2.21 | 2.38 |
| Breathable fraction < 5 μm ⁽²⁾ | 84.2% | 81.5% |
| Maximum fill volume | 8 ml | |

(1) Data shown is in accordance with Flaem Nuova internal procedure I29-P075. Values shown for the aerosol delivery may vary depending on the patients respiratory capacity.
(2) In vitro testing performed by TÜV Rheinland Italia S.r.l. in collaboration with the University of Parma and in compliance with the EN 13544-1:2007 + A1 European Standard for aerosol therapy devices Standard. More details are available on request.

| | |
|-------------|------------------|
| CODE | PACKAGING |
| FJ38P00 | 6 pcs |

NebulAir Plus

Robust nebulizer system with professional performances and built-in storage compartment. Also suitable for rental and for the use in medical settings.









| | | |
|---|---|---|
| WHERE TO USE | USE | PARTICLE SIZE TESTED |
|  |  |  |
| Home / Professional | Intensive | by TÜV Rheinland Italia S.r.l. |



AEROSOL THERAPY



Why NebulAir+

-  Made in Italy
-  Professional air filter
-  Breath enhanced two-speeds nebulizer "RF7 Dual Speed Plus"
-  Sturdy handle for easy transportation
-  Soft-touch Adult and Child masks included
-  Cable storage compartment
-  Compatible with Rhino Clear® nasal wash
-  Convenient built-in storage compartment

(Model: NEBULAIR)

RF7 Dual Speed Plus

Technical features of nebulization

| Dual speed nebulizer | Speed selector | |
|---|----------------|-------|
| | MIN | MAX |
| Delivery ml/min ⁽¹⁾ | 0.29 | 0.65 |
| MMAD μm ⁽²⁾ | 2.21 | 2.38 |
| Breathable fraction < 5 μm ⁽²⁾ | 84.2% | 81.5% |
| Maximum fill volume | 8 ml | |

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 (2) In vitro testing performed by TÜV Rheinland Italia S.r.l. in collaboration with the University of Parma and in compliance with the EN 13544-1:2007 + A1 European Standard for aerosol therapy devices Standard. More details are available on request.




| | |
|-------------|------------------|
| CODE | PACKAGING |
| EL37P00 | 6 pcs |

Safe product ›









RespirAir

Reliable and compact nebulizer system for frequent use. Designed for quick and effective treatments, thanks to the powerful compressor and RF7 Dual Speed Plus.

| | | |
|---|---|---|
| WHERE TO USE | USE | PARTICLE SIZE TESTED |
|  |  |  |
| Home | Frequent | by TÜV Rheinland Italia S.r.l. |



Why RespirAir

-  Made in Italy
-  High quality air filter
-  Breath enhanced two-speeds nebulizer "RF7 Dual Speed Plus"
-  Sturdy handle for easy transportation
-  Soft-touch Adult and Child masks included
-  Compatible with Rhino Clear® nasal wash

(Model: P0611EM F1000)

RF7 Dual Speed Plus

Technical features of nebulization




| Dual speed nebulizer | Speed selector | |
|---|----------------|------|
| | MIN | MAX |
| Delivery ml/min ⁽¹⁾ | 0.23 | 0.53 |
| MMAD μm ⁽²⁾ | 2.76 | 2.91 |
| Breathable fraction < 5 μm ⁽²⁾ | 78.5% | 76% |
| Maximum fill volume | 8 ml | |

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(2) In vitro testing performed by TÜV Rheinland Italia S.r.l. in collaboration with the University of Parma and in compliance with the EN 13544-1:2007 + A1 European Standard for aerosol therapy devices Standard. More details are available on request.

| | |
|-------------|------------------|
| CODE | PACKAGING |
| FU02P00 | 6 pcs |

Delphinus

Nebulizer system with built-in storage compartment. The combination of a powerful compressor and RF7 Dual Speed Plus, makes the therapy comfortable and effective for all the family.









| | | |
|---|---|---|
| WHERE TO USE | USE | PARTICLE SIZE TESTED |
|  Home |  Frequent |  by TÜV Rheinland Italia S.r.l. |



AEROSOL THERAPY



Why Delphinus

-  Made in Italy
-  Professional air filter
-  Breath enhanced two-speeds nebulizer "RF7 Dual Speed Plus"
-  Sturdy handle for easy transportation
-  Soft-touch Adult and Child masks included
-  Cable storage compartment
-  Compatible with Rhino Clear® nasal wash
-  Convenient built-in storage compartment

(Model: DELPHINUS F1000)

RF7 Dual Speed Plus

Technical features of nebulization

| Dual speed nebulizer | Speed selector | |
|---|----------------|------|
| | MIN | MAX |
| Delivery ml/min ⁽¹⁾ | 0.23 | 0.53 |
| MMAD μm ⁽²⁾ | 2.76 | 2.91 |
| Breathable fraction < 5 μm ⁽²⁾ | 78.5% | 76% |
| Maximum fill volume | 8 ml | |

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| | |
|-------------|------------------|
| CODE | PACKAGING |
| DF30P00 | 8 pcs |

Safe product ›



Flaem Duo

2-in-1 nebulizer system for the complete treatment of upper and lower respiratory tracts. Thanks to the RF7 Dual Speed Nebulizer, Flaem Duo provides a comfortable and efficient medication deposition in the lungs. Combined with the included nasal wash Rhino Clear®, Flaem Duo cleans the nasal cavity and helps to relieve symptoms of conditions such as common cold, allergic rhinitis or sinusitis.

| WHERE TO USE | USE | PARTICLE SIZE TESTED |
|---|---|---|
|  Home |  Seasonal |  by TÜV Rheinland Italia S.r.l. |











Medical device



Rhino Clear® Nasal Wash

- Rhino Clear® nebulizes 10 ml solution in about 2 minutes
- Equipped with a nebulization chamber fillable with max 15 ml of solution
- To be used with saline solutions (isotonic, hypertonic, liposome solutions, etc.), thermal waters or medications commonly available in pharmacies

Why Flaem Duo

- | | |
|---|---|
|  Made in Italy |  High quality air filter |
|  "RF7 Dual Speed" Nebulizer |  Cable storage compartment |
|  Soft-touch Adult and Child masks included |  Silent |
|  Rhino Clear® nasal wash |  Travel bag |

(Model: P1207EM F400)

RF7 Dual Speed

Technical features of nebulization




| Dual speed nebulizer | Speed selector | |
|---|----------------|-------|
| | MIN | MAX |
| Delivery ml/min ⁽¹⁾ | 0.25 | 0.55 |
| MMAD μm ⁽²⁾ | 3.78 | 4.58 |
| Breathable fraction < 5 μm ⁽²⁾ | 63% | 54.4% |
| Maximum fill volume | 8 ml | |

⁽¹⁾ Data shown is in accordance with Flaem Nuova internal procedure I29-P075. Values shown for the aerosol delivery may vary depending on the patients respiratory capacity
⁽²⁾ In vitro testing performed by TÜV Rheinland Italia S.r.l. in collaboration with the University of Parma and in compliance with the EN 13544-1:2007 + A1 European Standard for aerosol therapy devices Standard. More details are available on request

| CODE | PACKAGING |
|---------|-----------|
| FJ58P00 | 6 pcs |

4Neb









Complete and effective nebulizer system for seasonal use. Targeted treatments for different respiratory tracts, thanks to the innovative “RF9” nebulizer with 4 modes of nebulization.

| WHERE TO USE | USE | PARTICLE SIZE TESTED |
|--|--|---|
|  Home / Professional |  Intensive |  by TÜV Rheinland Italia S.r.l. |








AEROSOL THERAPY



| | |
|--|--|
|  No selector |  Oropharyngeal region |
|  Pos. 1 |  Tracheobronchial region |
|  Pos. 2 |  Pulmonary region |
|  Pos. 3 |  Peripheral region |

Why 4Neb

-  Made in Italy
-  Professional air filter
-  RF9 Nebulizer with valves and 4-modes of treatment
-  Sturdy handle for easy transportation
-  Soft-touch Adult and Child masks included
-  Cable storage compartment
-  Compatible with Rhino Clear® nasal wash

(Model: P0711EM-1 F400)

RF9 | Technical features of nebulization

| Respiratory System | | Flaem Compressor | F400 | | Breathable fraction < 5 µm (FPF) |
|--------------------|-------------------------|-------------------------|---------------------|----------------------|----------------------------------|
| | | Nebulizer configuration | MMAD (µm) | Output rate (ml/min) | |
| Upper Airways | Oropharyngeal region | No selector | 7.71 ⁽³⁾ | 0.53 ⁽²⁾ | 26.7% ⁽³⁾ |
| | Tracheobronchial region | Position 1 | 5.12 ⁽¹⁾ | 0.36 ⁽²⁾ | 48.8% ⁽³⁾ |
| Lower Airways | Pulmonary region | Position 2 | 3.67 ⁽¹⁾ | 0.30 ⁽²⁾ | 63.4% ⁽¹⁾ |
| | Peripheral region | Position 3 | 2.49 ⁽¹⁾ | 0.23 ⁽²⁾ | 83.1% ⁽¹⁾ |

| CODE | PACKAGING |
|---------|-----------|
| CF10P00 | 8 pcs |

¹⁾ In vitro testing performed by TÜV Rheinland Italia S.r.l. in collaboration with the University of Parma and in compliance with the EN 13544-1:2007 + A1 European Standard for aerosol therapy devices Standard. More details are available on request.
²⁾ Data measured according to Flaem I29-P075 internal procedure Dispensing speed values may vary according to the patient's respiratory capacity. More details are available on request.
³⁾ Data calculated on the basis of the values obtained with Malvern Spraytec, and compared with the values of the tests performed at the University of Parma.




Safe product ›



Alpha Neb









Reliable and compact nebulizer system for frequent use. Designed for quick and effective treatments, thanks to the powerful compressor and RF7 Dual Speed.



| WHERE TO USE | USE | PARTICLE SIZE TESTED |
|---|---|---|
|  Home |  Seasonal |  by TÜV Rheinland Italia S.r.l. |



Why Alpha Neb

-  Made in Italy
-  "RF7 Dual Speed" Nebulizer
-  More silent, thanks to the special design
-  Soft-touch Adult and Child masks included
-  Compatible with Rhino Clear® nasal wash
-  High quality air filter
-  Cable storage compartment
-  Travel bag

(Model: P0707EM F400)

RF7 Dual Speed

Technical features of nebulization




| Dual speed nebulizer | Speed selector | |
|---|----------------|-------|
| | MIN | MAX |
| Delivery ml/min ⁽¹⁾ | 0.25 | 0.55 |
| MMAD μm ⁽²⁾ | 3.78 | 4.58 |
| Breathable fraction < 5 μm ⁽²⁾ | 63% | 54.4% |
| Maximum fill volume | 8 ml | |

(1) Data shown is in accordance with Flaem Nuova internal procedure I29-P075. Values shown for the aerosol delivery may vary depending on the patients respiratory capacity.
 (2) In vitro testing performed by TÜV Rheinland Italia S.r.l. in collaboration with the University of Parma and in compliance with the EN 13544-1:2007 + A1 European Standard for aerosol therapy devices Standard. More details are available on request.

| CODE | PACKAGING |
|---------|-----------|
| AN11P00 | 8 pcs |

Neb-Aid

A very compact nebulizer unit, Neb-Aid is perfect for a seasonal aerosol therapy at home without compromising on performances and comfort.

| | | |
|---|---|---|
| WHERE TO USE | USE | PARTICLE SIZE TESTED |
|  Home |  Seasonal |  by TÜV Rheinland Italia S.r.l. |



AEROSOL THERAPY



Why Neb-Aid

-  Made in Italy
-  "RF7 Dual Speed" Nebulizer
-  Soft-touch Adult and Child masks included
-  High quality air filter
-  Compatible with Rhino Clear® nasal wash

(Model: P0603EM F400)

RF7 Dual Speed

Technical features of nebulization

| Dual speed nebulizer | Speed selector | |
|---|----------------|-------|
| | MIN | MAX |
| Delivery ml/min ⁽¹⁾ | 0.25 | 0.55 |
| MMAD μm ⁽²⁾ | 3.78 | 4.58 |
| Breathable fraction < 5 μm ⁽²⁾ | 63% | 54.4% |
| Maximum fill volume | 8 ml | |

(1) Data shown is in accordance with Flaem Nuova internal procedure I29-P075. Values shown for the aerosol delivery may vary depending on the patients respiratory capacity.
(2) In vitro testing performed by TÜV Rheinland Italia S.r.l. in collaboration with the University of Parma and in compliance with the EN 13544-1:2007 + A1 European Standard for aerosol therapy devices Standard. More details are available on request.

| | |
|-------------|------------------|
| CODE | PACKAGING |
| JN33P00 | 8 pcs |

Safe product ›







Ghibli Plus

Ghibli Plus is an effective and safe quality nebulizer system, with a very innovative design and colour combination. It is equipped with the patented “RF6 Basic²” nebulizer and high quality soft adult and child masks.

| WHERE TO USE | USE |
|---|---|
|  Home |  Seasonal |



Why Ghibli Plus

-  Made in Italy
-  “RF6 Basic²” Nebulizer
-  Soft-touch Adult and Child masks included
-  Compatible with Rhino Clear[®] nasal wash
-  High quality air filter

(Model: P0211EM F400)

RF6 Basic²

Technical features of nebulization



| Dual speed nebulizer | Standard | High speed |
|---|----------|------------|
| Delivery ml/min ⁽¹⁾ | 0.25 | 0.32 |
| MMAD μm ⁽²⁾ | 3.80 | 4.00 |
| Breathable fraction < 5 μm ⁽²⁾ | 62% | 63% |
| Maximum fill volume | 8 ml | |

⁽¹⁾ Data shown is in accordance with Flaem Nuova internal procedure I29-P075. Values shown for the aerosol delivery may vary depending on the patients respiratory capacity.
⁽²⁾ In vitro characterization carried out at the Inamed Research GmbH & Co. KG on behalf of TÜV Rheinland Product Safety GmbH - Germany in compliance with the European Standard for aerosol therapy appliances, Standard EN 13544-1. More details are available on request.

| CODE | PACKAGING |
|---------|-----------|
| SA04P00 | 8 pcs |

MasterNeb

Compact and effective nebulizer, easy to use and clean. The patented nebulizer “RF6 Basic²” makes the MasterNeb very suitable for paediatric use, thanks to the innovative “no-spilling system”.

| WHERE TO USE | USE |
|---|---|
|  Home |  Seasonal |



AEROSOL THERAPY



Why MasterNeb

-  Made in Italy
-  “RF6 Basic²” Nebulizer
-  Soft-touch Adult and Child masks included
-  Compatible with Rhino Clear[®] nasal wash
-  High quality air filter

(Model: P0404EM F400)

RF6 Basic²

Technical features of nebulization

| Dual speed nebulizer | Standard | High speed |
|---|----------|------------|
| Delivery ml/min ⁽¹⁾ | 0.25 | 0.32 |
| MMAD μm ⁽²⁾ | 3.80 | 4.00 |
| Breathable fraction < 5 μm ⁽²⁾ | 62% | 63% |
| Maximum fill volume | 8 ml | |

(1) Data shown is in accordance with Flaem Nuova internal procedure I29-P075. Values shown for the aerosol delivery may vary depending on the patients respiratory capacity.
(2) In vitro characterization carried out at the Inamed Research GmbH & Co. KG on behalf of TÜV Rheinland Product Safety GmbH - Germany in compliance with the European Standard for aerosol therapy appliances, Standard EN 13544-1. More details are available on request.

| CODE | PACKAGING |
|---------|-----------|
| PT13P00 | 8 pcs |




Safe product ›



Primo.Neb





Primo Neb is perfect for a seasonal aerosol therapy at home, without compromising on performances and comfort. Primo Neb is a very compact unit and equipped with the innovative “RF7 Dual Speed” and two masks.



| | | |
|---|---|---|
| WHERE TO USE | USE | PARTICLE SIZE TESTED |
|  |  |  |
| Home | Seasonal | by TÜV Rheinland Italia S.r.l. |



Why Primo.Neb

-  Made in Italy
-  “RF7 Dual Speed” Nebulizer
-  Soft-touch Adult and Child masks included
-  Compatible with Rhino Clear® nasal wash
-  High quality air filter

(Model: P0403EM F400)

RF7 Dual Speed

Technical features of nebulization




| Dual speed nebulizer | Speed selector | |
|---|----------------|-------|
| | MIN | MAX |
| Delivery ml/min ⁽¹⁾ | 0.25 | 0.55 |
| MMAD μm ⁽²⁾ | 3.78 | 4.58 |
| Breathable fraction < 5 μm ⁽²⁾ | 63% | 54.4% |
| Maximum fill volume | 8 ml | |

(1) Data shown is in accordance with Flaem Nuova internal procedure I29-P075. Values shown for the aerosol delivery may vary depending on the patients respiratory capacity.
 (2) In vitro testing performed by TÜV Rheinland Italia S.r.l. in collaboration with the University of Parma and in compliance with the EN 13544-1:2007 + A1 European Standard for aerosol therapy devices Standard. More details are available on request.

| | |
|-------------|------------------|
| CODE | PACKAGING |
| PN03P00 | 8 pcs |

AirMate





Air Mate is a continuous use nebulizer system, perfect for an affordable and seasonal aerosol therapy at home. Air Mate is equipped with a comfortable front handle, and featuring a two-speed nebulizer cup and soft adult and child masks.

| WHERE TO USE | USE | PARTICLE SIZE TESTED |
|---|---|---|
|  Home |  Seasonal |  by TÜV Rheinland Italia S.r.l. |



AEROSOL THERAPY

Why AirMate

-  Made in Italy
-  "RF8 Dual Speed" Nebulizer
-  Soft-touch Adult and Child masks included
-  Compatible with Rhino Clear® nasal wash
-  High quality air filter

(Model: P0504EM F400)

RF8 Dual Speed

Technical features of nebulization

| Dual speed nebulizer | Speed selector | |
|---|----------------|-------|
| | MIN | MAX |
| Delivery ml/min ⁽¹⁾ | 0.19 | 0.40 |
| MMAD μm ⁽²⁾ | 4.01 | 4.48 |
| Breathable fraction < 5 μm ⁽²⁾ | 61.1% | 55.5% |
| Maximum fill volume | 8 ml | |

(1) Data shown is in accordance with Flaem Nuova internal procedure I29-P075. Values shown for the aerosol delivery may vary depending on the patients respiratory capacity.
(2) In vitro testing performed by TÜV Rheinland Italia S.r.l. in collaboration with the University of Parma and in compliance with the EN 13544-1:2007 + A1 European Standard for aerosol therapy devices Standard. More details are available on request.

| CODE | PACKAGING |
|---------|-----------|
| SC36P00 | 8 pcs |




Safe product ›












AeroFlaem

Aero Flaem is a fast and effective nebulizer system for seasonal use with built-in storage compartment, and equipped with the innovative “RF7 Dual Speed”.

| WHERE TO USE | USE | PARTICLE SIZE TESTED |
|---|---|---|
|  Home |  Seasonal |  by TÜV Rheinland Italia S.r.l. |



Why AeroFlaem

-  Made in Italy
-  “RF7 Dual Speed” Nebulizer
-  Soft-touch Adult and Child masks included
-  Compatible with Rhino Clear® nasal wash
-  High quality air filter
-  Cable storage compartment
-  Convenient built-in storage compartment

(Model: P0703EM F400)

RF7 Dual Speed

Technical features of nebulization




| Dual speed nebulizer | Speed selector | |
|---|----------------|-------|
| | MIN | MAX |
| Delivery ml/min ⁽¹⁾ | 0.25 | 0.55 |
| MMAD μm ⁽²⁾ | 3.78 | 4.58 |
| Breathable fraction < 5 μm ⁽²⁾ | 63% | 54.4% |
| Maximum fill volume | 8 ml | |

(1) Data shown is in accordance with Flaem Nuova internal procedure I29-P075. Values shown for the aerosol delivery may vary depending on the patients respiratory capacity.
 (2) In vitro testing performed by TÜV Rheinland Italia S.r.l. in collaboration with the University of Parma and in compliance with the EN 13544-1:2007 + A1 European Standard for aerosol therapy devices Standard. More details are available on request.

| CODE | PACKAGING |
|---------|-----------|
| NA15P00 | 6 pcs |

Ideal Plus

Ideal Plus is a compact nebulizer system for all the family, with built-in storage compartment. Continuous use compressor and high quality accessories are included in this unit.

| | | |
|---|---|---|
| WHERE TO USE | USE | PARTICLE SIZE TESTED |
|  |  |  |
| Home | Seasonal | by TÜV Rheinland Italia S.r.l. |



AEROSOL THERAPY



Why Ideal Plus

-  Made in Italy
-  "RF8" Nebulizer with Drug saver
-  Soft-touch Adult and Child masks included
-  Compatible with Rhino Clear® nasal wash
-  High quality air filter
-  Cable storage compartment
-  Convenient built-in storage compartment

(Model: P0106EM F400)

RF8

Technical features of nebulization

| | |
|---|-------|
| Delivery ml/min ⁽¹⁾ | 0.40 |
| MMAD μm ⁽²⁾ | 4.48 |
| Breathable fraction < 5 μm ⁽²⁾ | 55.5% |
| Maximum fill volume | 8 ml |

(1) Data shown is in accordance with Flaem Nuova internal procedure I29-P075. Values shown for the aerosol delivery may vary depending on the patients respiratory capacity.
(2) In vitro testing performed by TÜV Rheinland Italia S.r.l. in collaboration with the University of Parma and in compliance with the EN 13544-1:2007 + A1 European Standard for aerosol therapy devices Standard. More details are available on request.

| | |
|-------------|------------------|
| CODE | PACKAGING |
| SC65P00 | 6 pcs |

Safe product ›



Nebulizer Systems





























































TREATMENT AREA



Upper
airways



Lower
airways

| | | | | | | | | | | |
|------------------------------|---|--|--|--|--|--|---|---|---|---|
| NAME |  NebulFlaem 4.0 |  Hospineb |  NebulAir+ |  RespirAir |  Delphinus |  Lella the Ladybug |  Flaem Duo |  4Neb |  Alpha Neb |  Neb-Aid |
| CODE (EU STANDARD) | Y301P00 | FJ38P00 | EL37P00 | FU02P00 | DF30P00 | CO03P00 | FJ58P00 | CF10P00 | AN11P00 | JN33P00 |
| WHERE TO USE |  |  |  |  |  |  |  |  |  |  |
| USE |  Intensive |  Intensive |  Intensive |  Frequent |  Frequent |  Frequent |  Seasonal |  Seasonal |  Seasonal |  Seasonal |
| TREATMENT AREA |  |  |  |  |  |  |  |  |  |  |
| PARTICLE SIZE TESTED BY TÜV |  |  |  |  |  |  |  |  |  |  |
| Built-in storage compartment | Yes | No | Yes | No | Yes | No | No | No | No | No |
| Nebulizer type |  RF9 |  RF7 Dual Speed Plus |  RF7 Dual Speed Plus |  RF7 Dual Speed Plus |  RF7 Dual Speed Plus |  RF6 Basic ² + Rhino Clear |  RF7 Dual speed + Rhino Clear |  RF9 |  RF7 Dual Speed |  RF7 Dual Speed |
| Compressor | Continuous use | Continuous use | Continuous use | Continuous use | Continuous use | Continuous use | Continuous use | Continuous use | Continuous use | Continuous use |
| Compressor Air Output | 14 L/min' | 14 L/min' | 14 L/min' | 10 L/min' | 10 L/min' | 10 L/min' | 9 L/min' | 9 L/min' | 9 L/min' | 9 L/min' |
| Dimensions (cm) | 20 x 30 x 10 | 20 x 18 x 11 | 20 x 30 x 10 | 10 x 16 x 16 | 18 x 30 x 10 | 21 x 16 x 13 | 17,5x19,5x10,5 | 15 x 21 x 11 | 18 x 19 x 13 | 18 x 14 x 13 |
| Weight (Kg) | 2,4 | 1,8 | 2,4 | 1,45 | 2,1 | 1,6 | 1,4 | 1,3 | 1,3 | 1,3 |

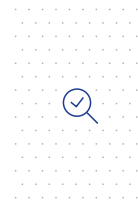
WHERE TO USE

| | |
|--|-------------------------|
| | Home |
| | Home / Professional |
| | Portable |
| | Portable / With Battery |

USE

| | |
|--|-----------|
| | Seasonal |
| | Frequent |
| | Intensive |

PARTICLE SIZE TESTED



by TÜV Rheinland Italia S.r.l. in cooperation with University of Parma, according to EN13544-1

| | | | | | | | | | |
|------------------------|------------------------|----------------|----------------|----------------|----------------|-------------------------------|-------------------|------------------------------|---------------------|
| | | | | | | | | | |
| Ghibli Plus | MasterNeb | Primo Neb | AirMate | AeroFlaem | Ideal Plus | LightNeb | Universal Plus | Wi.Neb go | ProfiNeb |
| SA04P00 | PT13P00 | PN03P00 | SC36P00 | NA15P00 | SC65P00 | MF32E00 | E609E00 | WI02P00 | MI03P00 |
| | | | | | | | | | |
| | | | | | | | | | |
| Seasonal | Seasonal | Seasonal | Seasonal | Seasonal | Seasonal | Frequent | Seasonal | Seasonal | Seasonal |
| | | | | | | | | | |
| | | | | | | | - | | |
| No | No | No | No | Yes | Yes | - | - | - | - |
| | | | | | | - | - | | |
| RF6 Basic ² | RF6 Basic ² | RF7 Dual Speed | RF8 Dual Speed | RF7 Dual Speed | RF8 Basic | - | - | RF7 Dual Speed Plus | RF7 Dual Speed Plus |
| Continuous use | Continuous use | Continuous use | Continuous use | Continuous use | Continuous use | - | 30' ON 30' OFF | 30' ON 30' OFF | 30' ON 30' OFF |
| 9 L/min' | 9 L/min' | 9 L/min' | 9 L/min' | 9 L/min' | 9 L/min' | - | - | 9 L/min' | 9 L/min' |
| 11x15,5x13,5 | 16x16,5x11,5 | 14,5x14x10,5 | 16 x 20 x 12 | 27 x 19 x 11 | 18 x 30 x 12 | 5 x 6,2 x 13,7 | 9 x 5 x 12 | 13 x 9,5 x 5,5 | 12 x 12 x 6 |
| 1,1 | 1,3 | 1,3 | 1,5 | 1,7 | 1,5 | 0,23 device 0,12 batteries | 0,2 | 0,545 device 0,14 battery | 0,58 |

Flaem Nebulizers

are the result of more than 50 years of experience and constant investments in the Aerosol Therapy field.

With FLAEM reusable nebulizers, patients of all ages are assured the most efficient and comfortable aerosol therapy and an improved quality of life. Flaem Nebulizers have certified performances, and they are all produced in Italy according to the strictest controls and safety standards.

The wide range of FLAEM nebulizers is herewith presented, along with the technical features and specific performances with different compressors.

These nebulizers aren't just simple components: in them resides much of FLAEM's most advanced and finely tuned technologies.



RF9



RF7
Dual Speed



Plus
RF7





Made in Italy

Flaem nebulizer systems are fully made in Italy, through an internal and vertical integrated process. This full control is a guarantee of the highest level of quality, integrity and performance of each single Flaem product.



Particle size tested by TÜV

Most of Flaem nebulizers reliability is guaranteed by strict production protocols and constant monitoring. In particular, both the particle size (MMAD) and respirable fraction (RF) key parameters, they are tested by a third party body: TÜV Rheinland Italia S.r.l.



Safe products

Every Flaem Nebulizers and accessories comply with the European standard EN 10993-1 "Biological Evaluation of Medical Devices" and European Directive 93/42/EEC "Medical Devices". Phthalates free



AEROSOL THERAPY

Plus
RF6



Basic²
RF6



RF8
Dual Speed



RF8



RF9



1 nebulizer, 4 therapies

The new Flaem nebulizer equipped with the innovative selector allows targeted treatments for different respiratory tracts.



Oropharyngeal region



Tracheobronchial region



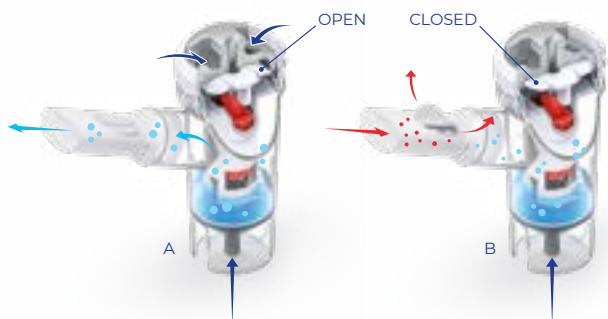
Pulmonary region



Peripheral region

Breath enhanced technology (valve system)





A slower flow of medication combined with the synchronised opening and closing of the valve (as shown in pictures A and B) limits the dispersion of medication into the environment.



Easy cleaning

The simple extra-rotation of the knob allows the selector group to be removed allowing an easy and effective cleaning in all the parts of the nebulizer.

RF9 nebulization technical features

| Respiratory System | | Operating Pressure (bar) | ~1,30 | | ~1,00 | | ~0,75 | |
|--------------------|---|--------------------------|-------------------------|---------------------|--|---------------------|--|---------------------|
| | | | Nebulizer configuration | MMAD (µm) | Delivery rate (ml/min ⁽¹⁾) | MMAD (µm) | Delivery rate (ml/min ⁽¹⁾) | MMAD (µm) |
| Upper Airways | Oropharyngeal region  | No selector | 5,8 ⁽³⁾ | 0.75 ⁽²⁾ | 6.81 ⁽³⁾ | 0.66 ⁽²⁾ | 7.71 ⁽³⁾ | 0.53 ⁽²⁾ |
| | Tracheobronchial region  | Position 1 | 4.67 ⁽¹⁾ | 0.54 ⁽²⁾ | 4.56 ⁽¹⁾ | 0.45 ⁽²⁾ | 5.12 ⁽¹⁾ | 0.36 ⁽²⁾ |
| Lower Airways | Pulmonary region  | Position 2 | 3.62 ⁽¹⁾ | 0.51 ⁽²⁾ | 3.94 ⁽¹⁾ | 0.41 ⁽²⁾ | 3.67 ⁽¹⁾ | 0.30 ⁽²⁾ |
| | Peripheral region  | Position 3 | 2.56 ⁽¹⁾ | 0.38 ⁽²⁾ | 2.7 ⁽¹⁾ | 0.27 ⁽²⁾ | 2.49 ⁽¹⁾ | 0.23 ⁽²⁾ |

(1) In vitro tested by TÜV Rheinland Italia - SRL in compliance with the European Standard EN 13544-1 for nebulizing systems. Further details available on request.

(2) Values measured according to Flaem's internal procedure I29-P07.5 Delivery rate values can change depending on the patient's respiratory capacity.

(3) Data calculated based on the values obtained with the Malvern Spraytec and compared with the values of the tests performed at UNI Parma.

RF7 Dual Speed



RF7 Dual Speed

Fast and comfortable nebulizer, delivering a fine particle size while giving the possibility to reduce the treatment time thanks to the dual-speed selector



Dual Speed technology

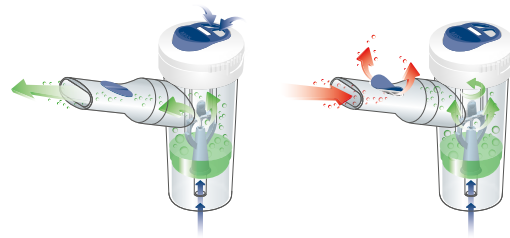
The innovative speed selector (MIN/MAX) allows full control of the therapy time

Plus RF7



RF7 Dual Speed Plus

The fastest of FLAEM breath enhanced nebulizers, delivering a consistent particle size while wasting less medication.

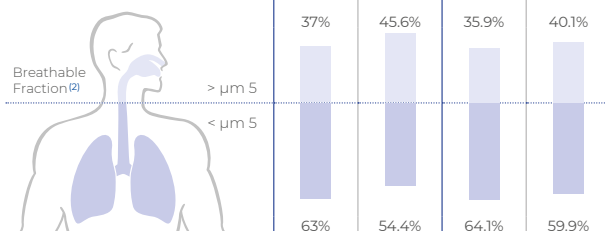


Breath-enhanced technology (valve system)

It delivers more medication when you breathe in, while wasting less when you breathe out for the best treatment possible.

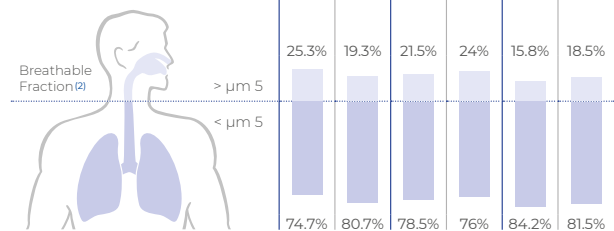
RF7 Dual Speed Nebulizer

| Compressor Use | | | | |
|---------------------------------------|-------|------|-------|------|
| Operating Pressure (bar) | ~0,75 | | ~1,00 | |
| Selector | MIN | MAX | MIN | MAX |
| MMAD $\mu\text{m}^{(2)}$ | 3.78 | 4.58 | 3.63 | 4.28 |
| Delivery Rate (ml/min) ⁽¹⁾ | 0.25 | 0.55 | 0.30 | 0.70 |



RF7 Dual Speed Plus Nebulizer

| Compressor Use | | | | | | |
|---------------------------------------|-------|------|-------|------|-------|------|
| Operating Pressure (bar) | ~0,75 | | ~1,00 | | ~1,30 | |
| Selector | Valve | MAX | Valve | MAX | Valve | MAX |
| MMAD $\mu\text{m}^{(2)}$ | 2.95 | 2.44 | 2.76 | 2.91 | 2.21 | 2.38 |
| Delivery Rate (ml/min) ⁽¹⁾ | 0.18 | 0.42 | 0.23 | 0.53 | 0.29 | 0.65 |



(1) Data shown is in accordance with Flaem Nuova internal procedure I29-P07.5. Values shown for the aerosol delivery may vary depending on the patient's respiratory capacity.
 (2) In vitro testing performed by TÜV Rheinland Italia S.r.l. in collaboration with the University of Parma and in compliance with the EN 13544-1:2007 + A1 European Standard for aerosol therapy devices Standard. More details are available on request.

Plus RF6



RF6 Plus

Breath enhanced nebulizer, delivering a constant particle while wasting less medication. It is also featuring the patented «no spill-system» making suitable for paediatric use.



Breath-enhanced technology (valve system)

It delivers more medication when you breathe in, while wasting less when you breathe out for the best treatment possible.

Basic² RF6



RF6 Basic²

Nebulizer for adult and paediatric use, featuring the patented «no-spill system» and an high-speed mode for faster treatment.



No-Spilling System

It prevents medication from spilling out even if the nebuliser is accidentally tipped over.

RF6 Plus Nebulizer

| | | | | | | |
|---------------------------------------|---------------------|---------------------|-------|------|-------|------|
| Compressor Use | | | | | | |
| Operating Pressure (bar) | ~0,60 | | ~0,80 | | ~1,20 | |
| Selector | Valve | MAX | Valve | MAX | Valve | MAX |
| MMAD μm ⁽²⁾ | 3.34 ⁽²⁾ | 3.67 ⁽²⁾ | 3.20 | 3.20 | 2.80 | 2.80 |
| Delivery Rate (ml/min) ⁽¹⁾ | 0.19 | 0.32 | 0.26 | 0.42 | 0.31 | 0.54 |
| Breathable Fraction ⁽²⁾ | | | | | | |
| | 30.8% | | 34% | | 27% | |
| Breathable Fraction ⁽²⁾ | | | | | | |
| | 69.2% | | 66% | | 73% | |

RF6 Basic² Nebulizer

| | | | | |
|---------------------------------------|-------|------|-------|------|
| Compressor Use | | | | |
| Operating Pressure (bar) | ~0,60 | | ~0,80 | |
| Selector | MIN | MAX | MIN | MAX |
| MMAD μm ⁽²⁾ | 3.06 | | 3.32 | |
| Delivery Rate (ml/min) ⁽¹⁾ | 0.25 | 0.32 | 0.32 | 0.42 |
| Breathable Fraction ⁽²⁾ | | | | |
| | 16% | | 18% | |
| Breathable Fraction ⁽²⁾ | | | | |
| | 74% | | 72% | |

(1) Data shown is in accordance with Flaem Nuova internal procedure I29-P075. Values shown for the aerosol delivery may vary depending on the patient's respiratory capacity.

(2) In vitro testing performed by TÜV Rheinland Italia S.r.l. in collaboration with the University of Parma and in compliance with the EN 13544-1:2007 + A1 European Standard for aerosol therapy devices Standard. More details are available on request.

RF8

Dual Speed



RF8 Dual Speed

A two-speed nebulizer cup: easy to assemble and with a high speed mode for faster treatments.



Dual Speed technology

The innovative speed selector (MIN/MAX) allows full control of the therapy time.

RF8



RF8 Basic

Simple nebulizer, easy to assemble, disassemble, use and clean; with very low residual volume and drug saver.

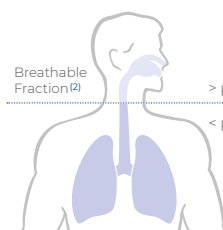


Easy to use

Simple to assemble and clean.

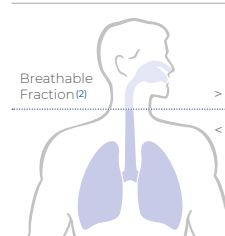
RF8 Dual Speed Nebulizer

| | | |
|---------------------------------------|-------------------|-------|
| Compressor Use | | |
| Operating Pressure (bar) | ~0,80 | |
| Selector | MIN | MAX |
| MMAD $\mu\text{m}^{(2)}$ | 4.01 | 4.48 |
| Delivery Rate (ml/min) ⁽¹⁾ | 0.19 | 0.40 |
| Breathable Fraction ⁽²⁾ | > $\mu\text{m} 5$ | 61.1% |
| | < $\mu\text{m} 5$ | 39.9% |
| Breathable Fraction ⁽²⁾ | > $\mu\text{m} 5$ | 55.5% |
| | < $\mu\text{m} 5$ | 44.5% |



RF8 Basic Nebulizer

| | | | |
|---------------------------------------|-------------------|-------|-------|
| Compressor Use | | | |
| Operating Pressure (bar) | ~0,80 | ~1,15 | ~1,40 |
| MMAD $\mu\text{m}^{(2)}$ | 4.48 | 3.86 | 3.27 |
| Delivery Rate (ml/min) ⁽¹⁾ | 0.40 | 0.50 | 0.55 |
| Breathable Fraction ⁽²⁾ | > $\mu\text{m} 5$ | 44.5% | 37.5% |
| | < $\mu\text{m} 5$ | 55.5% | 62.5% |
| Breathable Fraction ⁽²⁾ | > $\mu\text{m} 5$ | 29% | 71% |
| | < $\mu\text{m} 5$ | 71% | 29% |



(1) Data shown is in accordance with Flaem Nuova internal procedure I29-P07.5. Values shown for the aerosol delivery may vary depending on the patient's respiratory capacity.
 (2) In vitro testing performed by TUV Rheinland Italia S.r.l. in collaboration with the University of Parma and in compliance with the EN 13544-1:2007 + A1 European Standard for aerosol therapy devices Standard. More details are available on request.

Flaem Nebulizer Kits

Flaem Nebulizer kits ensures an effective inhalation therapy for the long-term, for all the family

Frequent use and cleaning of the nebuliser can result, for example, in a change of the aerosol spectrum over time or of impairing therapy efficacy. With FLAEM genuine accessories in a pack, it is possible to renew certain components with maximum flexibility.



| Nebulizer kits with: RF9 | | | |
|---|---------|--------------------------------|---------|
| Category | Code | Nebulizer Kit Description | Colours |
|  RF9 | | | |
| Basic | ACO037B | Nebulizer kit RF9 (mouthpiece) | Blue |
| Complete | ACO041B | Nebulizer kit RF9 (Complete) | Blue |

| Supplied accessories in the package |
|---|
|  |
| RF9 |
| RF9 |



NEW

**PHthalates
& BPA FREE**



Nebulizer kit RF9

AEROSOL THERAPY

| Mouthpiece | Nosepiece | Mask Soft Adult | Mask Soft Child | Elastic Band | Manual Drug Saver | Tube |
|--|---|---|---|--|---|---|
|  |  |  |  |  |  |  |
| ✓ | - | - | - | - | - | - |
| ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ 1 mt |


Nebulizer kits with: RF7 Dual Speed Plus

| Category | Code | Nebulizer Kit Description | Colours |
|---|---------|--|------------|
|    | | | |
| Basic | ACO675P | Nebulizer kit RF7 Plus (mouthpiece) | White/blue |
| Basic | ACO464P | Nebulizer kit RF7 Plus (mouth+nosepiece) | White/blue |
| Basic | ACO436P | Nebulizer kit RF7 Plus (mouth+nosepiece) | Silver |
| Complete/Child | ACO580P | Nebulizer Kit "Mr. Duck" PAEDIATRIC | Yellow |

Supplied accessories in the package

| Nebulizer |
|---|
|  |
| RF7 Dual Speed Plus |
| RF7 Dual Speed Plus |
| RF7 Dual Speed Plus |
| RF7 Plus with Duck Clip and stickers |



Nebulizer kits with: RF7 Dual Speed

| Category | Code | Nebulizer Kit Description | Colours |
|--|---------|---|------------|
|    | | | |
| Basic | ACO461P | Nebulizer kit RF7 Dual Speed (mouthpiece) | Blue |
| Complete | ACO503P | Nebulizer KIT RF7 Dual Speed (Complete) | White/blue |

Supplied accessories in the package

| Nebulizer |
|--|
|  |
| RF7 Dual Speed |
| RF7 Dual Speed |

Nebulizer kits with: RF6 Plus

| Category | Code | Nebulizer Kit Description | Colours |
|---|---------|--|---------|
|   | | | |
| Basic | ACO375P | Nebulizer kit RF6 Plus (mouthpiece) | Blue |
| Basic | ACO368P | Nebulizer kit RF6 Plus (mouth+nosepiece) | Blue |
| Complete | ACO234P | Nebulizer kit RF6 Plus (complete) | Blue |

Supplied accessories in the package

| Nebulizer |
|---|
|  |
| RF6 Plus |
| RF6 Plus |
| RF6 Plus |

Nebulizer kits with: RF6 Basic

| Category | Code | Nebulizer Kit Description | Colours |
|---|---------|--------------------------------------|---------|
|   | | | |
| Basic | ACO369P | Nebulizer kit RF6 Basic (mouthpiece) | Blue |
| Complete/Child | ACO529P | Nebulizer Kit "Mr. Cat" PAEDIATRIC | Yellow |

Supplied accessories in the package

| Nebulizer |
|---|
|  |
| RF6 Basic |
| RF6 Basic with Mr. Cat Kit and stickers |

| Mouthpiece | Nosepiece | Mask Soft Adult | Mask Soft Child | Elastic Band | Manual Drug Saver | Tube |
|--|---|---|---|--|---|---|
|  |  |  |  |  |  |  |
| ✓ with valves | - | - | - | - | - | - |
| ✓ with valves | ✓ | - | - | - | - | - |
| ✓ with valves | ✓ | - | - | - | - | - |
| ✓ | - | - | ✓ | ✓ | - | ✓ 1 mt |

| Mouthpiece | Nosepiece | Mask Soft Adult | Mask Soft Child | Elastic Band | Manual Drug Saver | Tube |
|---|--|--|--|--|---|--|
|  |  |  |  |  |  |  |
| ✓ | - | - | - | - | - | - |
| ✓ | ✓ | ✓ | ✓ | ✓ | - | ✓ 1 mt |

| Mouthpiece | Nosepiece | Mask Soft Adult | Mask Soft Child | Elastic Band | Manual Drug Saver | Tube |
|--|---|---|---|--|---|---|
|  |  |  |  |  |  |  |
| ✓ with valves | - | - | - | - | - | - |
| ✓ with valves | ✓ | - | - | - | ✓ | - |
| ✓ with valves | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ 1 mt |

| Mouthpiece | Nosepiece | Mask Soft Adult | Mask Soft Child | Elastic Band | Manual Drug Saver | Tube |
|--|---|---|---|--|---|---|
|  |  |  |  |  |  |  |
| ✓ | - | - | - | - | ✓ | - |
| ✓ | - | - | ✓ | ✓ | ✓ | - |

| Nebulizer kits with: RF8 Basic | | | |
|--|---------|---|---------|
| Category | Code | Nebulizer Kit Description | Colours |
|  <p>RF8 Dual Speed</p> | | | |
| Basic | ACO052B | Nebulizer kit RF8 Dual Speed (mouthpiece) | Blue |
| Complete | ACO053B | Nebulizer kit RF8 Dual Speed (Complete) | Blue |

| Supplied accessories in the package |
|---|
| Nebulizer |
|  |
| RF8 Dual Speed |
| RF8 Dual Speed |

| Nebulizer kits with: RF8 Basic | | | |
|---|---------|--------------------------------------|---------|
| Category | Code | Nebulizer Kit Description | Colours |
|  <p>RF8</p> | | | |
| Basic | ACO568P | Nebulizer kit RF8 Basic (mouthpiece) | Blue |
| Complete | ACO596P | Nebulizer kit RF8 Basic (Complete) | Blue |

| Supplied accessories in the package |
|---|
| Nebulizer |
|  |
| RF8 Basic |
| RF8 Basic |

Special Kits

| Drug anti-dispersion kit | | |
|--------------------------|-----------------|---------|
| Code | Kit Description | Colours |



| | | |
|---------|--------------------------|------|
| ACO055B | Drug anti-dispersion kit | Blue |
|---------|--------------------------|------|

| Gvs Filter Technology | | |
|-----------------------|-----------------|---------|
| Code | Kit Description | Colours |



| | | |
|---------|--------|---|
| ACO396P | Filter | - |
|---------|--------|---|

| Drug anti-dispersion kit with RF6 Plus | | |
|--|-----------------|---------|
| Code | Kit Description | Colours |



| | | |
|---------|---|------|
| ACO388P | Drug anti-dispersion kit with nebulizer | Blue |
|---------|---|------|

| Mouthpiece | Nosepiece | Mask Soft Adult | Mask Soft Child | Elastic Band | Manual Drug Saver | Tube |
|--|---|---|---|--|---|---|
|  |  |  |  |  |  |  |
| ✓ | - | - | - | - | - | - |
| ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ 1 mt |

| Mouthpiece | Nosepiece | Mask Soft Adult | Mask Soft Child | Elastic Band | Manual Drug Saver | Tube |
|--|---|---|---|--|---|---|
|  |  |  |  |  |  |  |
| ✓ | - | - | - | - | - | - |
| ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ 1 mt |



Flaem Original Accessories for Nebulizers



We recommend the use of FLAEM genuine accessories, carefully designed and manufactured so to assure therapy effectiveness and safety.

Soft-Touch Flaem Masks

Safe & comfortable with perfect face adherence, the Soft-Touch masks, have the external edge made in "TPE", a very soft and fully biocompatible material. The anti-dispersion system is optimizing the therapy, by reducing the drug dispersion during the inspiratory and expiratory phases.




| | Code | Model | Colour | Package type | Nebulizer compatibility | | | | | | Special pack available |
|--|---------|--|--------|--------------|-------------------------|----------------|----------|-----------|----------|-----------|-----------------------------------|
| | | | | | RF7 Plus | RF7 Dual Speed | RF6 Plus | RF6 Basic | RF8 Plus | RF8 Basic | |
| | ACO611P | Mask soft Adult + elastic band | ● | Single pack | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | 50 pieces package (code: ACO473P) |
| | ACO612P | Mask soft Child + elastic band | ● | Single pack | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | 50 pieces package (code: ACO472P) |
| | ACO437P | Mask soft Adult elastic band | ● | Single pack | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | 50 pieces package (code: ACO483P) |
| | ACO438P | Mask soft Child elastic band | ● | Single pack | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | 50 pieces package (code: ACO482P) |
| | ACO462P | Mask soft Adult + Child + elastic band | ● | Single pack | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | - |

Masks Soft-Touch made in Flaem - Baby




Full range of soft & safe silicone masks for babies. The masks can be connected with the universal L-bend connector, that is allowing to reach the baby in every position.

| | Code | Model | Colour | Package type | Nebulizer compatibility | | | | | | |
|--|---------|--|---------|-------------------------|-------------------------|----------------|----------|-----------|----------|-----------|--|
| | | | | | RF7 Plus | RF7 Dual Speed | RF6 Plus | RF6 Basic | RF8 Plus | RF8 Basic | |
| | ACO389P | FLAEM BABY Mask Kit (Mask size 0 with bend) Size 0 = Neonatal - 1 month | Silicon | Single pack with manual | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| | ACO390P | FLAEM BABY Mask Kit (Mask size 1 with bend) Size 1 = 1-11 months | Silicon | Single pack with manual | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| | ACO391P | FLAEM BABY Mask Kit (Mask size 2 with bend) Size 2 = 1-3 years | Silicon | Single pack with manual | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| | ACO013B | L-Bend BABY connector | - | 50 pieces | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |








Mouthpieces

| Flaem original mouthpieces | Code | Model | Colour | Package type | Nebulizer compatibility | | | | | |
|---|---------|---|--------|--------------|-------------------------|----------------|----------|-----------|----------|-----------|
| | | | | | RF7 Plus | RF7 Dual Speed | RF6 Plus | RF6 Basic | RF8 Plus | RF8 Basic |
|  | ACO441P | Mouthpiece with expiratory valves | ● | 50 pieces | ✓ | - | ✓ | - | ✓ | - |
|  | ACO427P | Mouthpiece | - | 50 pieces | - | ✓ | - | ✓ | - | ✓ |
|  | ACO250P | Mouthpiece+Nosepiece Non-Invasive with valves | ● | 1 | ✓ | - | ✓ | - | ✓ | - |

Nosepieces

| Flaem original mouthpieces | Code | Model | Colour | Package type | Nebulizer compatibility | | | | | |
|---|---------|--|--------|--------------|-------------------------|----------------|----------|-----------|----------|-----------|
| | | | | | RF7 Plus | RF7 Dual Speed | RF6 Plus | RF6 Basic | RF8 Plus | RF8 Basic |
|  | ACO448P | Nosepiece Non-Invasive ADULT/PEDIATRIC | ● | 50 | ✓ | - | ✓ | - | ✓ | - |
|  | ACO450P | Nosepiece Standard ADULT | - | 50 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
|  | ACO451P | Nosepiece Standard PEDIATRIC | - | 50 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

Filters - Tubing - Controls

| Flaem original filters, tubing and controls | Code | Model | Package type | Nebulizer compatibility | | | | | | Special pack available |
|---|---------|---|--------------|-------------------------|----------------|----------|-----------|----------|-----------|---------------------------|
| | | | | RF7 Plus | RF7 Dual Speed | RF6 Plus | RF6 Basic | RF8 Plus | RF8 Basic | |
|  | ACO428P | Drug Saver Manual control | 50 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | - |
|  | ACO225P | Nebulizer tube 2 mt. with fittings | 1 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | 25 pieces (code: ACO457P) |
|  | ACO35 | Nebulizer tube 1 mt. with fittings | 1 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | 50 pieces (code: ACO432P) |
|  | ACO578P | Nebulizer tube 2mt. with Long-therapy fittings. With TPU fitting. | 1 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | - |
|  | ACO164P | Kit 2 Filters POREX Professional (type XS-9226 | 2 | - | - | - | - | - | - | 50 pieces (code ACO455P) |
|  | ACO439P | Kit 2 Filters POREX Basic PE- PET | 2 | - | - | - | - | - | - | 50 pieces (code: ACO485P) |
|  | ACO45 | Kit 2 Filters POREX Professional (type X-6101) | 2 | - | - | - | - | - | - | 50 pieces (code: ACO456P) |

Zeffiro

(Model: SP-ANTI-CE-MM-IT)

Flaem offers the inhalation holding chamber “Zeffiro” to ease the drug delivery for MDI. The antistatic material is meant to prevent the attachment of nebulized particles onto the device walls. Zeffiro is equipped with the original “Cross Valve Technology” enabling both the best drug inhalation and a direct confirmation of the patient’s correct usage through the valve movement. The device has a universal soft-touch adaptor suitable for the all MDI dispensers. A silicon mask comes as a standard accessory.

Multipurpose mouthpiece
15 mm inner diameter and 22 mm outer diameter mouthpiece fits all ISO-standard tracheostomy and face masks. Oval-shaped for greater patient’s comfort

- Antistatic chamber**
- Transparent, to allow a clear view of valve movement and a direct confirmation of correct usage by the patient
 - Antistatic, to help maximise aerosol suspension time
 - Not made with BPA, Phthalates, Latex or PVC



Face mask
Anatomical and comfortable silicon mask



Cross valve technology
Provides very low resistance to allow an easy drug inhalation and exhalation through the chamber



Universal inhaler base
Compatible with all brands and types of pMDI





| CODE | PACKAGING |
|-------|-----------|
| SPC01 | 8 pcs |

Hygiene Box

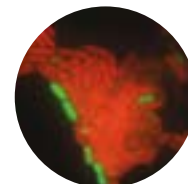
Accessory useful for disinfecting aerosol therapy accessories with the use of oxidising chlorine disinfectants or through boiling in the microwave. Flaem Hygiene Box is composed of polypropylene mixed with the antimicrobial additive BioCote®, which makes surfaces protected 24 hours a day and permanently provides antibacterial, antifungal and antiviral properties, that reduces the presence of microbes by up to 99,99%.



Why Hygiene Box

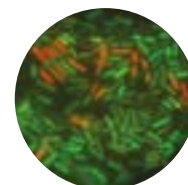
-  Disinfection with disinfectant (chemical method)
-  Disinfection with still water (microwave oven)
-  Compatible with all aerosol therapy accessories
-  Protected by BioCote® antimicrobial Technology

(Model: J003)



Protected surface

On a BioCote® protected surface, the bacteria cannot survive. Red staining indicates that the bacteria have been killed.



Unprotected surface

On an unprotected surface, the bacteria begin to grow and multiply. Green staining indicates live bacteria.

| CODE | PACKAGING |
|---------|-----------|
| ACO042B | 6 pcs |

Safe product ›



Baby Flaem



Latty professional breast pump

Latty is a resistant device particularly suitable for the clinical-hospital use and for rental in pharmacies. The regulation functions of both cycle speed and expression strength allow to simulate the natural breastfeeding of the newborn. The diaphragm system with no milk spillage into bottles makes the device extremely safe, easy to use and to clean.

As well as 3 rigid breastshields of different sizes, Latty can be equipped with a soft-touch silicon breastshield (M-sized) with massaging effect for the most comfortable breastfeeding.

1. Adjusting expression strength | 2. Adjusting the cycle speed and the stimulation
3. Breastshield comfort cup with massaging effect (Only M-sized to be fitted in the L-sized rigid breastshield)



BABY FLAEM

Why Latty

- Made in Italy
- Suitable for rental and clinical use
- Knob of cycle speed
- Knob of expression strength
- New diaphragm system for no-milk spillage
- Easy to use, to clean, to maintain
- Accessories easily washable and disinfectable
- 3 rigid breastshields (sizes: S-M-L) + 1 silicon breastshield (size: M)
- 250-ml milk bottle with sealing cap

(Model: P0117EM)

| CODE | PACKAGING |
|---------|-----------|
| ACO001I | 6 pcs |

Latty Kit

| CODE | PACKAGING |
|---------|-----------|
| ACO002I | 6 pcs |

Twins Kit

| SIZE | CODE | PACKAGING |
|------|---------|-----------|
| S | ACO003I | 12 pcs |
| M | ACO004I | |
| L | ACO005I | |

Breastshields Kit (S-M-L)

| CODE | PACKAGING |
|---------|-----------|
| ACO006I | 12 pcs |

Massaging set (sized-L breastshield + sized-M silicon breastshield)

| CODE | PACKAGING |
|---------|-----------|
| 15663A0 | 1 pcs |

Carrying bag

| CODE | PACKAGING |
|---------|-----------|
| ACO007I | 12 pcs |

Milk bottle

| CODE | PACKAGING |
|---------|-----------|
| P600P00 | 6 pcs |

Safe product >



Lella the Ladybug

Complete nebulizer system for the effective treatment of upper and lower respiratory tracts of both children and adults. The Ladybug is equipped with a powerful compressor for frequent use, and the RF6 Basic² with the “no-spilling” system, making it very suitable for paediatric use. Combined with the included nasal wash Rhino Clear[®], The Ladybug cleans the nasal cavity and helps to relieve symptoms of conditions such as common cold, allergic rhinitis or sinusitis.



Rhino Clear[®] Nasal Wash

- Rhino Clear[®] nebulizes 10 ml solution in about 2 minutes
- Equipped with a nebulization chamber fillable with max 15 ml of solution
- Can be used with saline solutions (isotonic, hypertonic, liposome solutions, etc.), thermal waters or medications commonly available in pharmacies.

Why Lella the Ladybug

-  Made in Italy
-  Soft-touch Adult and Child masks included
-  Two-speeds nebulizer “RF6 Basic²”
-  Compatible with Rhino Clear[®] nasal wash
-  Silent
-  Travel bag
-  High quality air filter

(Model: P0406EM F400)

RF6 Basic²

Technical features of nebulization

| Dual speed nebulizer | Speed selector | |
|---|----------------|------------|
| | Standard | High speed |
| Delivery ml/min ⁽¹⁾ | 0,32 | 0,42 |
| MMAD μm ⁽²⁾ | 3,60 | 3,60 |
| Breathable fraction < 5 μm ⁽²⁾ | 66% | 67% |
| Maximum fill volume | 8 ml | |

(1) Data shown is in accordance with Flaem Nuova internal procedure I29-P075. Values shown for the aerosol delivery may vary depending on the patients respiratory capacity — (2) In vitro testing performed by TÜV Rheinland Italia S.r.l. in collaboration with the University of Parma and in compliance with the EN 13544-1: 2007 + A1 European Standard for aerosol therapy devices Standard. More details are available on request.

| CODE | PACKAGING |
|---------|-----------|
| CO03P00 | 6 pcs |

Manual nasal aspirator

The Baby Flaem nasal aspirator does not require a person to create suction from mouth. Its patented system makes it easy to use by a simple and repeated push of the plunger by the patient's finger. By slowly releasing the plunger, the device sucks mucus out of the child's nostril. In addition, the nozzle can be safely placed into the baby's nostril as no excessive pressure is created while pushing the plunger. This is thanks to the special device configuration. The Baby Flaem nasal aspirator can be simply assembled and disassembled for an easy cleaning and sanitisation.



x2

BABY FLAEM



Safe Suction



(Model: J002)

| CODE | PACKAGING | CODE | PACKAGING |
|---------|-----------|---------|-----------|
| ACO510P | 1x6 pcs | ACO423P | 1 pcs |

Safe product >






Professional
healthcare



AirPro 3000 Plus

Heavy-duty nebulizer system for professional use

Powerful and durable compressor for intensive use. Adjustable flow for treatment parameters optimization. Breath enhanced RF7 Dual Speed Plus nebulizer.

| | | |
|---|---|---|
| WHERE TO USE | USE | PARTICLE SIZE CERTIFIED |
|  |  |  |
| Professional | Intensive | by TÜV Rheinland |



Nebulizer holder can be positioned left or right side










Cod. 16715



PROFESSIONAL

Nebulizer kits > pag. 44
Original accessories > pag. 50

Why AirPro 3000 Plus

-  Made in Italy
-  Heavy duty unit for hospital use
-  Adjustable knob and gauge to control pressure/flow rate
-  Very silent
-  Professional air filter
-  Fast and effective RF7 Dual Speed Plus nebulizer with valve system
-  Soft Touch adult and child mask
-  Can be used with Rhino Clear® nasal wash *Not standard supplied with the unit - can be purchased separately
-  Nebulizer tube 2m

(Model: P0712EM F3000 Plus Version)

RF7 Dual Speed Plus

Technical features of nebulization

| Dual speed nebulizer | Speed selector | |
|---|----------------|-------|
| | MIN | MAX |
| Delivery ml/min ⁽¹⁾ | 0.29 | 0.65 |
| MMAD μm ⁽²⁾ | 2.21 | 2.38 |
| Breathable fraction < 5 μm ⁽²⁾ | 84.2% | 81.5% |
| Maximum fill volume ⁽¹⁾ | 8 ml | |

(1) Data shown is in accordance with Flaem Nuova internal procedure I29-P075. Values shown for the aerosol delivery may vary depending on the patients respiratory capacity — (2) In vitro testing performed by TÜV Rheinland Italia S.r.l. in collaboration with the University of Parma and in compliance with the EN 13544-1: 2007 + A1 European Standard for aerosol therapy devices Standard. More details are available on request.

| | |
|-------------|------------------|
| CODE | PACKAGING |
| AP50P00 | 2 pcs |

Safe product >



Flaem Suction Units

The new professional battery-operated and desk type Suction Units “ASPIRA” range

| | | Performances | | | | | |
|------------------|--|--------------|---------------------------------|---------------------------|--|--|---------------------------|
| | Product | Code | Air flow rate to the compressor | Vacuum range* min-max bar | Certified flow | Use and designation | Battery |
| Battery Operated |  Aspira Go 30 | AR30P00 | 30 l/min approx. | MIN -0.10 MAX -0.85 | Yes, by TÜV  | High Vacuum High Flow | Yes, Li-ion battery |
| |  Aspira Go 20 | AR20P00 | 20 l/min approx. | MIN -0.10 MAX -0.80 | Yes, by TÜV  | High Vacuum High Flow | Yes, Li-ion battery |
| Desk Type |  Aspira Plus | AS20P00 | 20 l/min approx. | MIN -0.05 MAX -0.82 | Yes, by TÜV  | Continuous High Vacuum High Flow | - |
| |  Aspira 13,5 | AS01P00 | 13,5 l/min approx. | MIN -0.05 MAX -0.86 | Yes, by TÜV  | Continuous High Vacuum Low Flow | - |
| |  Aspira 11 | AS11P00 | 11 l/min approx. | MIN -0.05 MAX -0.80 | Yes, by TÜV  | Continuous High Vacuum Low Flow | - |



* Patented ASPICOMFORT system for a precise control of the suction level

In compliance with:

ISO 10079-1
electrically
powered suction
equipment



93/42/EEC Medical
Device Directive



| Operating voltage | Sound level | Included Equipment | | | | Size & Weight | |
|-------------------|-------------------|----------------------|-------------------|-------------------------|--|-----------------------|--------|
| | | Collection Jar | 2 Jars expandable | Tubing set Sterilizable | Filter | Dimensions LxDxH (cm) | Weight |
| 12V | 62 Db (A) approx. | 1L sterilizable | ✓ | ✓ | Yes, antiviral-antibacterial-hydrophobic | 36.0 14.0 27.0 | 2.5 Kg |
| 12V | 63 Db (A) approx. | 1L sterilizable | ✓ | ✓ | Yes, antiviral-antibacterial-hydrophobic | 36.0 14.0 27.0 | 2.5 Kg |
| 230V-50Hz | 56 Db (A) approx. | 1L sterilizable | ✓ | ✓ | Yes, antiviral-antibacterial-hydrophobic | 32.5 12.0 23.5 | 2.4 Kg |
| 230V-50Hz | 56 Db (A) approx. | 1L sterilizable | ✓ | ✓ | Yes, antiviral-antibacterial-hydrophobic | 32.5 12.0 23.5 | 2.4 Kg |
| 230V-50Hz | 56 Db (A) approx. | 800ml single patient | ✓ | ✓ | Yes, antiviral-antibacterial-hydrophobic | 32.5 12.0 23.5 | 2.3 Kg |

Aspira Go 30

Professional battery-operated portable suction device

Designed for use in multiple clinical and surgical settings



Original accessories › pag. 67

Why Aspira Go 30

- Made in Italy
- Adjustable vacuum level
- Heavy duty
- Silent
- Sterilizable jar and tubes
- Real flow 30 LPM for the ASPIRA go 30
- Jar-holder (1 included)

(Model: P1611EM-30)

Features & Benefits

- Patented ASPICOMFORT system for a precise control of the suction level
- Patented jar holder: flexible, stable, easy to clean
- Li-ion battery with approx. 40 min runtime
- Lightweight: only 2,5kg
- Powerful and durable twin-pump compressor 30 lt/min

Aspira Go 20

Professional battery-operated portable suction device

Designed for use in multiple clinical and surgical settings



PROFESSIONAL

Original accessories › pag. 67

Why Aspira Go 20

-  Made in Italy
-  Adjustable vacuum level
-  Heavy duty
-  Silent
-  Sterilizable jar and tubes
-  Real flow 20 LPM for the ASPIRA go 20
-  Jar-holder (1 included)

(Model: P1611EM-20)

Features & Benefits

- Patented ASPICOMFORT system for a precise control of the suction level
- Patented jar holder: flexible, stable, easy to clean
- Li-ion battery with approx. 50 min runtime
- Lightweight: only 2,5kg

| | |
|----------------|-----------|
| Cod. 20 l/min' | PACKAGING |
| AR20P00 | 2 pcs |

Safe product ›



Aspira 20 It

Professional desk type suction device

Designed for use in multiple clinical and surgical settings



Original accessories › pag. 67

Why Aspira Plus

-  Made in Italy
-  Sterilizable jar and tubes
-  With display on vacuum gauge
-  Real flow 20 L/min'
-  Heavy duty
-  Jar-holder (1 included)
-  Silent

(Model: P1211EM/20 I)

Features & Benefits

- Patented ASPICOMFORT system for a precise control of the suction level
- Patented jar holder: flexible, stable, easy to clean
- Robust and easy to clean structure

Aspira 13.5 It

Professional desk type suction device




Designed for use in multiple clinical and surgical settings



PROFESSIONAL

Original accessories › pag. 67

Why Aspira 13.5 It

-  Made in Italy
-  Sterilizable jar and tubes
-  With display on vacuum gauge
-  Real flow 13.5 L/min'
-  Heavy duty
-  Jar-holder (1 included)
-  Silent

(Model: P1211EM/13.5 I)

Features & Benefits

- Patented ASPICOMFORT system for a precise control of the suction level
- Patented jar holder: flexible, stable, easy to clean
- Robust and easy to clean structure

| | |
|------------------|-----------|
| Cod. 13,5 l/min' | PACKAGING |
| AS01P00 | 2 pcs |

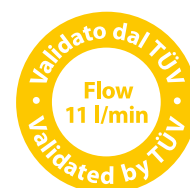
Safe product ›



Aspira 11 It

Professional desk type suction device

Designed for use in multiple clinical and surgical settings



Original accessories › pag. 67

Why Aspira 11 It









-  Made in Italy
-  With display on vacuum gauge
-  Heavy duty
-  Silent
-  Single patient jar and sterilizable tubes
-  Real flow 11 L/min'
-  Jar-holder (1 included)

(Model: P1211EM/11 I)

Features & Benefits

- Patented ASPICOMFORT system for a precise control of the suction level
- Patented jar holder: flexible, stable, easy to clean
- Robust and easy to clean structure

Accessories For Suction Units

| | | | | Suction Unit compatibility | | | | |
|---|---------|---|--|----------------------------|----------------|-------------|-------------|-------------|
| | Code | Model | Details / Kit composition | Aspira-Go 30lt | Aspira-Go 30lt | Aspira 20lt | Apsira 13,5 | Aspira 11lt |
|  | ACO002A | Autoclavable JAR 1000 ml | Reusable JAR in polycarbonate silicon-sealed cover and antireflux valve | ✓ | ✓ | ✓ | ✓ | ✓ |
|  | ACO004A | Set with autoclavable JAR, 1000ml filter and tubing | Reusable JAR in polycarbonate 1000ml, filters, tubes | ✓ | ✓ | ✓ | ✓ | ✓ |
|  | ACO001A | Single patient JAR 800ml | Single-patient JAR with silicon-sealed cover and overflow valve | ✓ | ✓ | ✓ | ✓ | ✓ |
|  | 15224A0 | Additional Jar-Holder | Universal left or right Jar Holder, complete with antivibrating feet | ✓ | ✓ | ✓ | ✓ | ✓ |
|  | ACO555P | Set of 2 filters | Antibacterial, antiviral, hydrophobic filters (single-patient) | ✓ | ✓ | ✓ | ✓ | ✓ |
|  | ACO554P | Set 3 silicon tubes | Autoclavable set of 3 tube | ✓ | ✓ | ✓ | ✓ | ✓ |
| | ACO003A | Set 2 silicon tubes | Autoclavable set of 2 tube | ✓ | ✓ | ✓ | ✓ | ✓ |
|  | 18772 | Manual vacuum flow control | Disposable manual suction regulator | ✓ | ✓ | ✓ | ✓ | ✓ |
|  | 16536B0 | Protective carrying case | Carrying case for ASPIRA-GO models, with reflecting inserts | ✓ | ✓ | - | - | - |
|  | ACO653P | Li-ion battery set | Replaceable Li-ion battery set for ASPIRA-GO models, fast to charge and long runtime | ✓ | ✓ | - | - | - |
|  | ACO203P | Universal switching power adapter | Universal switching power adapter with EU plug (100-240V 50/60Hz) | ✓ | ✓ | - | - | - |

**Respiratory
physiotherapy
medical devices**

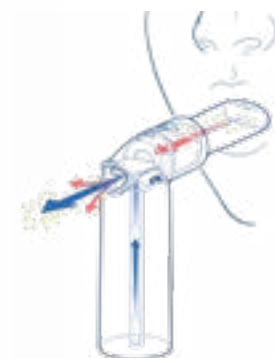


Neospire®

Neospire® is a new device for respiratory physiotherapy, particularly indicated for removing tracheobronchial secretions in a physiological manner. Neospire® operates without stimulating cough, without irritating patient's airway and without requiring the need for cooperation from the patient.



Inspiratory phase





Expiratory phase

PROFESSIONAL

Why Neospire®

-  Made in Italy
-  Intuitive use
-  Technically validated efficacy
-  Non invasive

-  Simple sanitation of the modular valve
-  Can treat several pathologies

(Model: P0713EM)



Cod. 16715

| CODE | PACKAGING |
|--------|-----------|
| NS01P0 | 2 pcs |

Safe product >



PulmoWaves® 2

Medical device for removing tracheobronchial secretions: a 3-in-1 system composed of a pneumatic compressor, a jet nebuliser and a dispenser with a PEP device.



1) The operation is based on the generation of vibrations by the pneumatic compressor that is automatically activated by the patient inspiratory action. These vibrations, whose amplitude is adjustable via the flow regulator on the device console, enable the removal of mucus obstructions that clog the airways. The flow intensity is shown by the LED lighted digital pressure gauge on the new easy-to-clean device console.

2) The system features a 5-position adjustable PEP device for the management of the expiration phase, that helps moving the secretions from peripheral areas towards the center of the bronchi.

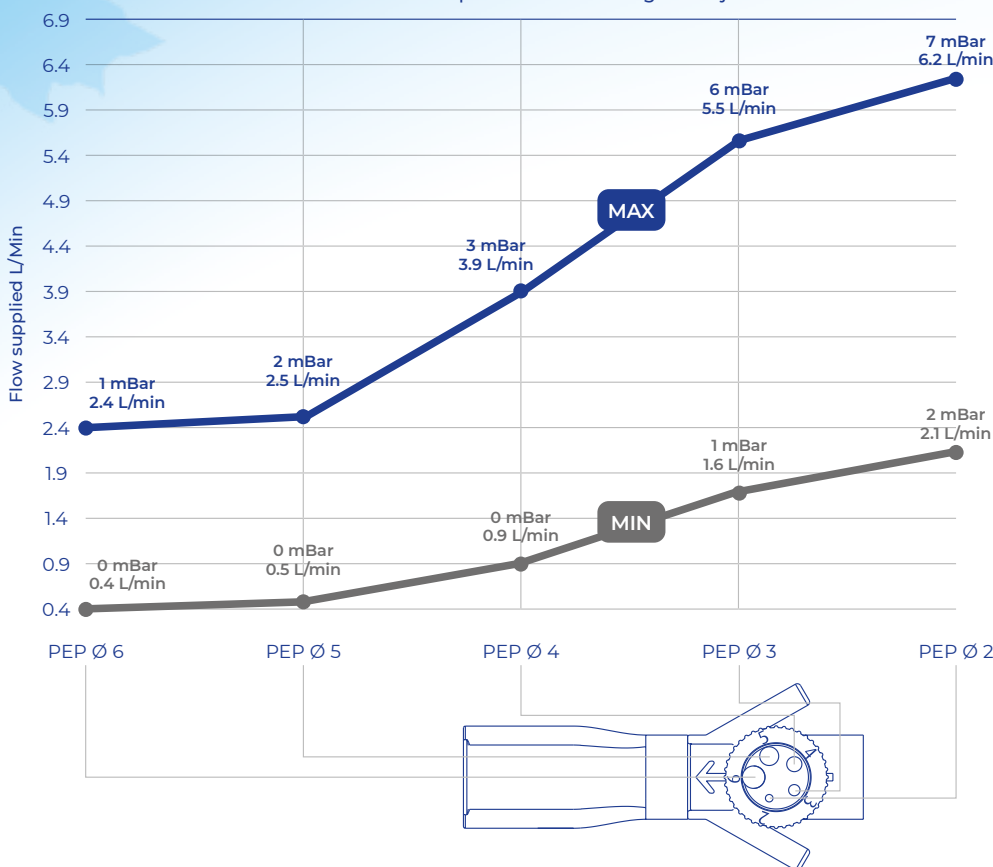
3) In order to prevent airways becoming dry during treatment, the flow inhaled by the patient also draws saline solution nebulized and produced by the new jet nebulizer. (PulmoWaves 2 can also be used without the nebuliser.)



| Ring nut of PEP connector regulator | Max flow regulator | | Min flow regulator | |
|-------------------------------------|--------------------|---------------|--------------------|---------------|
| | Flow val. | Pressure val. | Flow val. | Pressure val. |
| Hole diameter | | | | |
| Ø 2 | 7,5 l/min | 7 mbar | 1,2 l/min | 2 mbar |
| Ø 3 | 6,4 l/min | 6 mbar | 1,1 l/min | 1 mbar |
| Ø 4 | 3,9 l/min | 3 mbar | 1,0 l/min | 0 mbar |
| Ø 5 | 3,3 l/min | 2 mbar | 0,8 l/min | 2 mbar |
| Ø 6 | 3,2 l/min | 1 mbar | 0,6 l/min | 0 mbar |



Graphical representation of maximum and minimum flow and pressure values supplied by PulmoWaves 2 and combined with dispenser with PEP ring nut adjusted in the 5 available



Flow regulator set at Max
Vibrations amplitude with regulator set at Max



Flow regulator set at Min
Vibrations amplitude with regulator set at Min

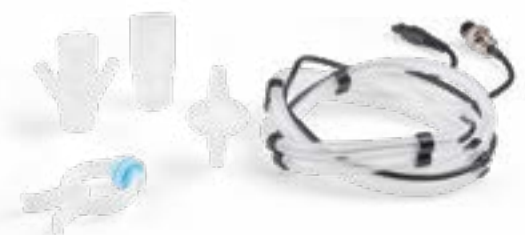
PROFESSIONAL

Why PulmoWaves® 2

- Made in Italy
- Technically validated efficacy
- Innovative 3-in-1 treatment
- Easy to clean
- Portable and lightweight

(Model: PO112EM F1000)

Accessories



| CODE | PACKAGING |
|---------|-----------|
| VI06P00 | 2 pcs |

Safe product >



Diagnostics & Wellbeing



SfigmoLife Evo

Digital blood pressure monitor, compact and easy to use. SfigmoLife EVO benefits from the MWI technology enabling a prompt reading of findings right from the inflating phase. The quality of this device is certified by ESH (European Society of Hypertension), well-recognized international entity for blood pressure monitors. This device has 2 memory channels for up to 60 measurements per each, hence it can be used by 2 patients at same time. While being equipped with a system of cardiac arrhythmia detection, SfigmoLife EVO registers the average of the 3 last measurements. It has a watch mode as well as 4 AAA batteries.



- M-Sized cuff (22 cm – 32 cm): within accessories
- L-sized cuff (22 cm – 42 cm): purchasable - code 18312



 ESH validation

Why SfigmoLife Evo

-  Clinically tested for the best safety
-  2 memory channels up to 120 measurements
-  4 AAA batteries
-  WHO cardiac-risk classifications
-  Irregular heartbeat indicator
-  Carrying bag

(Model: TMB-1491-S)



| CODE | PACKAGING |
|-------|-----------|
| SFG61 | 12 pcs |

SfigmoLife Pro

Digital blood pressure monitor, compact and easy to use. The device comes with a large backlit display that allows maximum readability and can store up to 250 measurements for each of the two channels. SfigmoLife Pro benefits from the MWI technology enabling a prompt reading of findings right from the inflating phase, and features an arrhythmia detection system and cardiac risk classification according to the prescriptions of the World Health Organization. It also records the average of the last three measurements and has a clock and calendar function. It works with 4 AAA batteries (ministilo).



- M-Sized cuff (22 cm – 32 cm): within accessories
- L-sized cuff (22 cm – 42 cm): purchasable - code 18312



Why SfigmoLife Pro

- Clinically tested for the best safety
- 2 memory channels up to 500 measurements
- 4 AAA batteries
- WHO cardiac-risk classifications
- Irregular heartbeat indicator
- Carrying bag



(Model: TMB-1490-CS)

| CODE | PACKAGING |
|-------|-----------|
| SFG62 | 12 pcs |

Accu-Therm®

Clinical Thermometer

Clinical manual thermometer, completely disinfectable thanks to its glass materials. A shock-free case protects the thermometer when it is unused, while easing the temperature reset by a swinging movement. Environment friendly: no batteries needed and non-toxic mercury-free liquid (Galinstan).








Easy reading:
lens for temperature
reading



DIAGNOSTICS&WELLBEING

Why Accu-Therm® View

-  Thermometer with Galinstan (mercury-free)
-  Hypoallergenic, Nickel and PVC free
-  Resistant shock-free case
-  Extremely easiness of use (no-battery operated)
-  Italian design

(Model: CR.W00)



Wuxi Medical Instrument Factory
Address: No. 86 Dongjie, Zhangjing, Xibei Town, Wuxi City, Jiangsu, 214194 PRC



Lotus Global Co., Ltd.
1 Four Seasons Terrace - West Drayton, Middlesex
London, UB7 9GG - United Kingdom

| CODE | PACKAGING |
|-------|-----------|
| TRM10 | 10 pcs |

Safe product >



Ecological
Mercury
Free

Accu-Therm®

Flaem Accu-Therm® digital thermometers use micro-computerized technologies that guarantee the quality of the products. The maximum accuracy of the measurements is guaranteed by a test to verify that these instruments perform at each switch.

Available in 2 versions:



Digital Accu-Therm®: Hard Tip (cod. TRM07)

Model: DMT-2031

- Temperature detection in 60"
- Rear-illuminating display
- Memory from the last measurement
- Acoustic signal end-measurement
- Automatic power-off
- Low battery signal



Digital Accu-Therm®: Flex Tip (cod. TRM12)

Model: DMT-4726

- Digital thermometer with flexible tip
- Temperature detection in 10"
- Hypoallergenic golden soft tip "Nikel free"
- Memory from the last measurement
- Wide display with colour switch (red: fever – green: ok)
- Acoustic signal end-measurement at a temperature of 37.8°C
- Low battery signal



Why Accu-Therm®



Detection of temperature in 10 seconds model TRM12



Acoustic signal at end measurement



Detection of temperature in 60 seconds model TRM07



Hypoallergenic, Nickel Free



Auto power off



JOYTECH HEALTHCARE Co., Ltd.No. 365, Wuzhou Road, Yuhang Economic Development Zone, Hangzhou city, 311100 Zhejiang, PRC



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

| CODE | PACKAGING | CODE | PACKAGING |
|-------|-----------|-------|-----------|
| TRM12 | 12 pcs | TRM07 | 12 pcs |

Olly Humidifier

Hot-steam humidifier spreading sterile steam, for an easy use and maintenance. Pre-cooling system: steam is spread into the environment at 50° temperature, to protect user against skin burns. Hot-steam technology grants the possibility to vaporize essential oils for a healthier home-environment. Suitable for environments up to 25 sqm.



Why Olly Humidifier

-  Produces pure pre-cooled steam
-  Continuous operation for up to 14 hours
-  Adjustable steam flow
-  Luce notturna
-  Large cup for essential oils
-  Easy to empty and clean
-  Switches off automatically
-  Italian design

(Model: P0413ED)

Features & Benefits

- Adjustable steam flow
- Suitable for vaporizing essential oils
- Big reservoir: 4,5 lt.
- Automatic power-off when it runs out of water
- Night light

| CODE | PACKAGING |
|---------|-----------|
| HE21E00 | 2 pcs |

Product imported and distributed by FLAEM NUOVA SPA.

Safe product ›







Heating Pad

FLAEM heating pad provides a way of deep heat penetration, that can be selected thanks to an electronic control. This heating pad is totally safe and the external part is made of soft washable, hypo-allergenic and breathable microfiber fabric.



Why Heating Pad

-  3 temperature levels
-  Constant temperature with electronic control
-  Safety auto power off
-  Soft washable, hypo-allergenic and breathable microfiber fabric

(Model: TRF20)

Safe product › 

| CODE | PACKAGING |
|-------|-----------|
| TRF20 | 10 pcs |

— 50 —
years of Italian excellence



www.flaem.eu



Since 1966
FLAEM®
Medical Devices

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