



Choose quality Choose life

Quality aerosol therapy you can rely on



Understanding aerosol therapy

Aerosol therapy is an effective medical treatment for a variety of respiratory conditions including asthma and chronic obstructive pulmonary disease.

The effectiveness and quality of therapy depends on the average particle size measured¹ and the ability of the device to break down the medication into small breathable particles².

The comfort of your therapy will also depend on speed and portability of the device you use.

Choosing the right nebuliser

The Italian-made Flaem range offers heavy-duty compressors right through to lightweight hand-held nebulisers. Choosing the right product for you depends on your prescription and your treatment frequency and desired treatment speed. The table below is a quick selection guide to assist you in making an informed decision.

	NebulAir+	RespirAir	Smarty
Treatment time ³ (minutes)	4	5	10
Frequency (treatments per day)	Multiple	Multiple	2
Medication			
Salbutamol	✓	✓	✓
Ipratropium bromide	✓	✓	✓
Budesonide	✓	✓	✓
Sodium chloride (0.9%)	✓	✓	✓
Hypertonic saline (7%)	✓	✓	✓
Dornase alfa	✓	✓	✓
Tobramycin	✓	✓	✓
Colistimethate sodium	✓	✓	✗

¹ MMAD – Mass Median Aerodynamic Diameter.

² FPF: Fine Particle Fraction, fraction of the particles below 5µm.



Powerful, durable and fast

NebulAIR+ is a heavy-duty aerosol therapy compressor designed for home therapy or professional use in medical settings.

When used with Flaem RF7+ medication chambers, it can deliver up to 0.65 ml of medication per minute, allowing a typical therapy of 2.5 ml charge to complete in just four minutes³.

Designed for maximum comfort, it includes a carry handle as well as a consumables and a power cord compartment.

Cup capacity	8 ml
MMAD¹	2.21 μm^4
Breathable fraction² % < 5μm	84.2% ⁴
Compressor max flow rate	14 L/min
Compressor max pressure	350 kPa
Noise	55 dB (A)
Weight	2.4 kg
Warranty	3 years

³ Data shown is in accordance with Flaem Nuova internal procedures tested for 2.5 ml medication charge. Values shown for the aerosol delivery may vary depending on the patient's respiratory capacity.

⁴ Tested and certified by TÜV Rheinland LGA Products GmbH in Germany in accordance with the European standard EN 13544-1 for nebulising systems.



Reliable, compact and efficient

The RespirAir is a compact, lightweight nebuliser compressor designed for quick and effective treatments in the comfort of your own home.

This powerful compressor delivers up to 0.53 ml of medication per minute, allowing a typical treatment of 2.5 ml charge to complete in just five minutes³.

Designed for ease of use, with an ergonomic handle and a slot to hold your medication chamber, this sleek device also features a high quality ABS polymer finish making it easy to clean.

Cup capacity	8 ml
MMAD ¹	2.53 μm^4
Breathable fraction ² % < 5 μm	79.6% ⁴
Compressor max flow rate	10 L/min
Compressor max pressure	260 kPa
Noise	54 dB (A)
Weight	1.45 kg
Warranty	3 years



Portable, quiet and efficient

Smarty is a compact, virtually silent, hand-held nebuliser for use at home or while travelling.

Using clinically-proven, advanced vibrating mesh technology, this battery-powered device is capable of effectively nebulising most prescribed medications, including suspensions.

Powered by only two alkaline or rechargeable AA batteries, this sleek, hand-held device is ideal for use at home or on the go and perfect for those who lead an active lifestyle.

The 'on demand' function allows you to nebulise the medication during inhalation; which together with a small residual volume of only 0.1 ml, enables efficient use of the medication.

The Smarty is easy to clean, with a dishwasher safe medication chamber and mouthpiece. Spare parts are available for easy maintenance.

Cup capacity	8 ml
MMAD¹	4 μm^4
Breathable fraction² % < 5μm	65% ⁴
Treatment time³	10 minutes
Power supply	2 AA alkaline or rechargeable batteries
Weight	130 g
Warranty	2 years



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Located and operating in Italy, Flaem is a trusted manufacturer of aerosol therapy and respiratory devices.

Working closely with research laboratories and international universities, Flaem designs innovative devices to improve therapy outcomes.



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Always read and refer to the user manual before operating equipment.