The new Nebula Modular System is the result of constant research by Markos Mefar, which has always focused on improving drug nebulisation methods to provide patients with a quick and effective method of performing inhalation therapy.

**The Principle**

The Nebula Modular System comes with two special nebulisers that convey the drug straight to the parts to be treated. NEBULA RINOWASH is designed specifically for the upper airways and NEBULA SPACER for the bronchopulmonary apparatus.

**Targeted Action**

The targeted action of the Nebula Modular System improves patient’s compliance, which leads to a sharp reduction in the duration of therapy.

**Compliance**

Nebula Spacer improves bronchial deposition of the nebulised drug.

Nebula Rinowash nebulises the particles for deposition in the upper airways.

**Drug Deposition in the Airways**

NEBULA MODULAR SYSTEM: ACHIEVING PERFECTION

The new Nebula Modular System is the result of constant research by Markos Mefar, which has always focused on improving drug nebulisation methods to provide patients with a quick and effective method of performing inhalation therapy.
The Nebula Spacer is designed specifically for young children, who usually dislike having the nose and mouth covered at the same time.

**NEW**

**ERGONOMIC DESIGN**
The special ergonomically-shaped mouth mask is designed to maximise adherence and comfort for both adults and children.

**ADDED VOLUME**
The enlarged mouth mask significantly reduces the drug dispersal during exhalation.

**BUILT-IN SPACER CHAMBER**
The spacer enhances bronchial deposition, thereby increasing the treatment’s overall effect.

**ONE-WAY VALVE**
If the user exhales through the mouth, a one-way valve drastically reduces dispersal of the drug.

**NEBULA SPACER**
A spacer mouth mask for treating lower airways infections.
**Delivery.**
Nebula Spacer’s special shape reduces the speed of the nebulised particles, which decreases oropharyngeal deposition of the drug.

**Activation.**
As the patient breathes in, the drug particles enter in the respiratory flow, which enhances peripheral deposition.

**Through the nose.**
Nasal exhalation prevents dispersal of the drug, as the continuous flow generated by the device recharges the spacer chamber, ready for the next inhalation.
CONCLUSIONS

Reduced therapy time.
Nebula Spacer is a highly effective system as it:
- reduces drug dispersal to a minimum;
- limits oropharyngeal deposition during inhalation;
- increases peripheral deposition of the drug.

Nebula Spacer provides effective treatment in just 2 minutes, increasing patient compliance and acceptance of the therapy.
**NEBULA RINOWASH**

Nebula Rinowash is a nebuliser designed specifically for pharmacological treatment of the upper airways using natural solutions.

**DISTRIBUTION**

The smaller the particle sizes, the more effective their distribution in the lower airways. About 95% of the particles produced by Nebula Rinowash are over 10 micron in diameter. This makes the Nebula Rinowash ideal for treating rhinitis, rhino-sinusitis, nasal polyposis, adenoiditis, and tubo-tympanitis.

**INTERNAL CHAMBER**

contains the liquid to be nebulised.

**EXTERNAL CHAMBER**

collects the return fluid.

**ERGONOMIC GRIP**

with button for controlled delivery.

**NIPPLE**

for the tube connecting to the device.
SPECIALISTS IN INHALATION THERAPY

All Markos Mefar products are the result of thorough scientific research and a superior quality production process, guaranteeing the best solution for any respiratory infections.

Markos Mefar is the first Italian company to invest in paediatric research to develop new systems for treating children and enhancing their wellbeing in an effective, simple and safe way.

A scientific culture, support from medical specialists and continuous contacts with healthcare operators and the leading medical associations are a guarantee of the success of the company’s research and innovation efforts.

Markos Mefar is committed to proposing new products and all-round solutions so as to offer the medical profession definite and reliable support in safeguarding the health of the child.