L’espace
Valved holding chamber for inhalers

Targeted action, goal reached
Worldwide guidelines recommend the use of the spacer chamber for the proper treatment of asthma.

Air Liquide Medical Systems has conceived, designed, and developed L’espace, an innovative spacer chamber specifically designed and tested to increase the therapeutic efficacy of metered dose inhalers.

The new improved version ensures greater functionality with reduced risk of errors during treatment, helping patient compliance.

L’espace offers a better quality of life, easier and natural.

- Soft and comfortable anatomical Mask
- High visibility valve for ensuring control of correct inhalation
- Made of durable and biocompatible materials
- Ideal shape and volume
- Autoclavable and easy to clean
- Antistatic
- Clinically tested
- Compatible with all metered dose inhalers
- Carrying bag included for transport and hygiene
**Comfortable anatomical mask**

The materials employed are soft and pleasant to the touch allowing comfort and easy compliance of the youngest patients. 

**Optimal adhesion** to the facial shape and perfect seal prevent in and out air leaks.

**Innovative conic shape**

Flow dynamics delivers a higher fraction of the drug by increasing the deposition in the lower respiratory tract.

**Ideal volumes**

L’espace reduces the drug particles reaggregation that occurs in the spacer with smaller volumes.

The volume is carefully studied to improve the performance maintaining a good ease of use and transport.

**Durability and robustness**

Made with premium quality materials, with the best physical-chemical properties and guaranteed bio-compatibility. Longer durability and higher robustness are thus properly ensured.

**Patented valves system**

The patented colored valve provides a valuable aid for visual control of the correct use. The movement is clearly evident: it allows proper coordination between drug delivery and inspiration and allows the respiratory acts to be counted.

**Bottom lid with adaptive air inlets**

The air inlets of L’espace can adapt to the patient’s inspiratory effort, and permit an optimal flow of medicated air through the chamber.

**Universal MDI insert**

It allows the utilisation of L’espace with any MDI on the market.

L’espace makes treatment easier and allows a better coordination between MDI output and inhalation.
L’espace allows the adequate drug deposition in the lower airways reducing side effects

Benefits

- Comfortable anatomical mask
- Patented conic high visibility valve
- Innovative conic shape and ideal volumes
- Bottom lid with adaptive air inlets
- Top quality materials

Guarantees high levels of comfort and compliance
Wider opening section with the same inspiratory effort for a better drug deposition, efficient feedback of the correct use, simple to synchronise MDI output with breathing acts easy to be counted
Increase of the drug availability time and the available inspiratory fraction of the drug
Facilitated inspiratory effort and better flow dynamics
Very low triboelectric charging

Available models

- MOUTHPIECE
- INFANT MASK 0-2 years
- PAEDIATRIC MASK 2-6 years
- ADULT MASK (non cooperating)

Choosing Air Liquide Medical Systems means certainty of quality. All products are entirely “Made in Italy”, manufactured with biocompatible materials according to UNI EN directive ISO 10993 and controlled and tested following the most severe trials. Air Liquide Medical Systems is certified:

- ISO 14001:2004 Environmental Management Systems