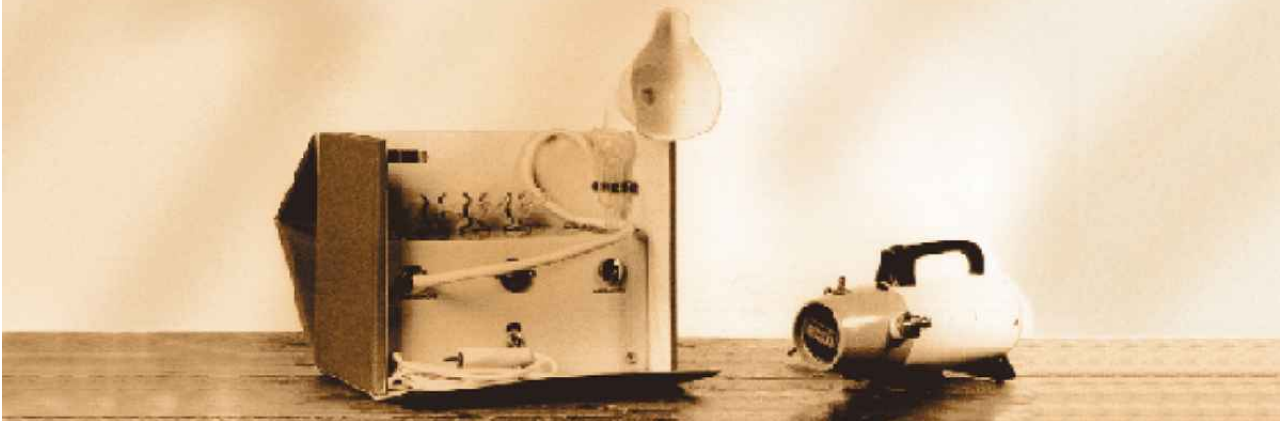


medel®

...for your health



history

In the 60's few drugs for inhalation were available and at that time even physicians had a skeptical attitude towards aerosoltherapy. In 1960 the "Inhaled Particles and Vapours" congress was held in Brighton (UK). It was one of the first international symposia on Respiratory Disease Management and the official conclusion confirmed the real advantages of aerosoltherapy, but the way forward in the development of such therapy was not completely clear to the participants.

In particular, the difficulty of making a device that could turn drug inhalation into mass therapy was pointed out.

Medel was born into this age of uncertainty, when it was founded in 1966 by Giancarlo Attolini, a far-sighted entrepreneur who believed in the potential of aerosoltherapy and was confident in the possibility of manufacturing simple and low-cost devices suitable for the purpose. A calculated risk at the time!

Today Medel is well known worldwide and Giancarlo Attolini (President) is still running the company along with his sons Emilio (CEO) and Lorenzo (R&D Manager), with the support of a modern managerial structure.

Medel has grown over the years to become a leader, not only in the design and manufacture of innovative aerosoltherapy devices, but also in the development of a complete range of health-care products.





...for your health

quality

In the design and manufacture of health-care products, MEDEL has always retained quality as its first priority on offer to its patients and customers throughout the world.

The quality of MEDEL products has consistently been recognized and important acknowledgments include:

- **1991:** American FDA Certification.
- **1994:** Japanese JQA Certification (the first European company in electromedical equipments to achieve this).
- **1998:** ISO9002 and EN46002 Certification.
- **1998:** CE Mark according to 93/42/EEC (MDD) – (Annex V).
- **2001:** ISO9001 and EN46001 Certification.
- **2001:** CE Mark according to 93/42/EEC (MDD) – (Annex II).

The MEDEL quality system is driven by the dedicated involvement of its staff, who contribute at all levels in the realisation of high quality product and service.

The policy of MEDEL in terms of quality can be summarised in the motto: "Quality in people, Quality in Products".

research and development

MEDEL products are characterized by patented innovation, resulting from decades of intense activity in the fields of research and development. Active co-operation with universities and pharmaceutical companies together with long experience in the industry are the driving forces behind the continuing innovation of MEDEL as a company.

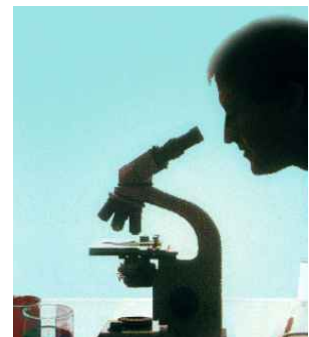
- **1966:** Medel manufactures the first aerosoltherapy device for home use.
- **1988:** Medel develops an aerosoltherapy ultrasonic device for home use (Microsonic).
- **1994:** Medel launches a pneumatic device with a nebuliser featuring breathing valves to increase drug output and decrease drug waste.
- **1995:** Medel designs a portable ultrasonic device in miniaturised size (Nebulife).
- **2000:** Medel designs a portable microcompressor for aerosoltherapy in miniaturised size (Clenny Aerosol).

Every year MEDEL invests heavily in the research and development of new products, relying upon a modern structure and on a design process wholly defined and guaranteed by a Quality System certified to ISO 9001.

MEDEL has a laboratory equipped with state-of-the-art instruments for mechanical, electrical, fluid dynamical, gravimetical, optical, sound and chemical measurements.

Nebulisers are tested in their actual conditions of use thanks to a computerized breathing simulator and the subsequent respirable volume is assessed with a laser analyzer.

MEDEL boasts computer facilities (CAD) used to design new products in three-dimension. The design phase terminates with a prototype and preliminary validation of the product.





...for your health

technical department

The MEDEL Technical Department oversees the development and improvement of the product and of production rationalisation.

Moulds are manufactured and finished up in-house, thanks to a workshop equipped with state-of-the-art CNC.

Each product has its correspondent PTF and meets all mandatory provisions and requirements. Each product or product innovation undergoes specific evaluation testing to assess its performance, safety and life before it is released commercially.



production

MEDEL boasts molding lines for plastic components and high-capacity production lines.

Plastic components are produced with injection moulds providing robotic pick-up and stocking. Each phase of the production process is computerised and all production stages are analysed and controlled in real time. All products are 100% tested at the different production stages.

The information necessary for product traceability is managed by a computerised bar-code system. The staff is constantly trained and updated. The technologies and facilities for product assembly and testing are designed and realised in-house. The complete production cycle, from ingoing to outgoing quality control, conforms to the ISO 9001 standard.





...for your health

company

Medel S.p.A.

MEDEL Staff: over 150 people

MEDEL Plant surface: over 6,000 sq.mts.
over 64,500 sq.ft.



customer service

MEDEL is mindful at all times of the requirements of the consumer

The Marketing Department designs and produces all advertising material with the sole purpose of simple and immediate communication.

End-user manuals explain how to properly use each device by way of clear pictures.

MEDEL products are distributed through the most qualified pharmacies and specialised outlets in Italy and through an international distributor network worldwide. Please contact us for detailed information.



www.medel.it

Medel S.p.A. – Via Micheli, 7 · 43056 S. Polo di Torrile (PR) Italy
TEL. (+39) 0521 315211 · FAX (+39) 0521 315212 · e-mail: info@medel.it