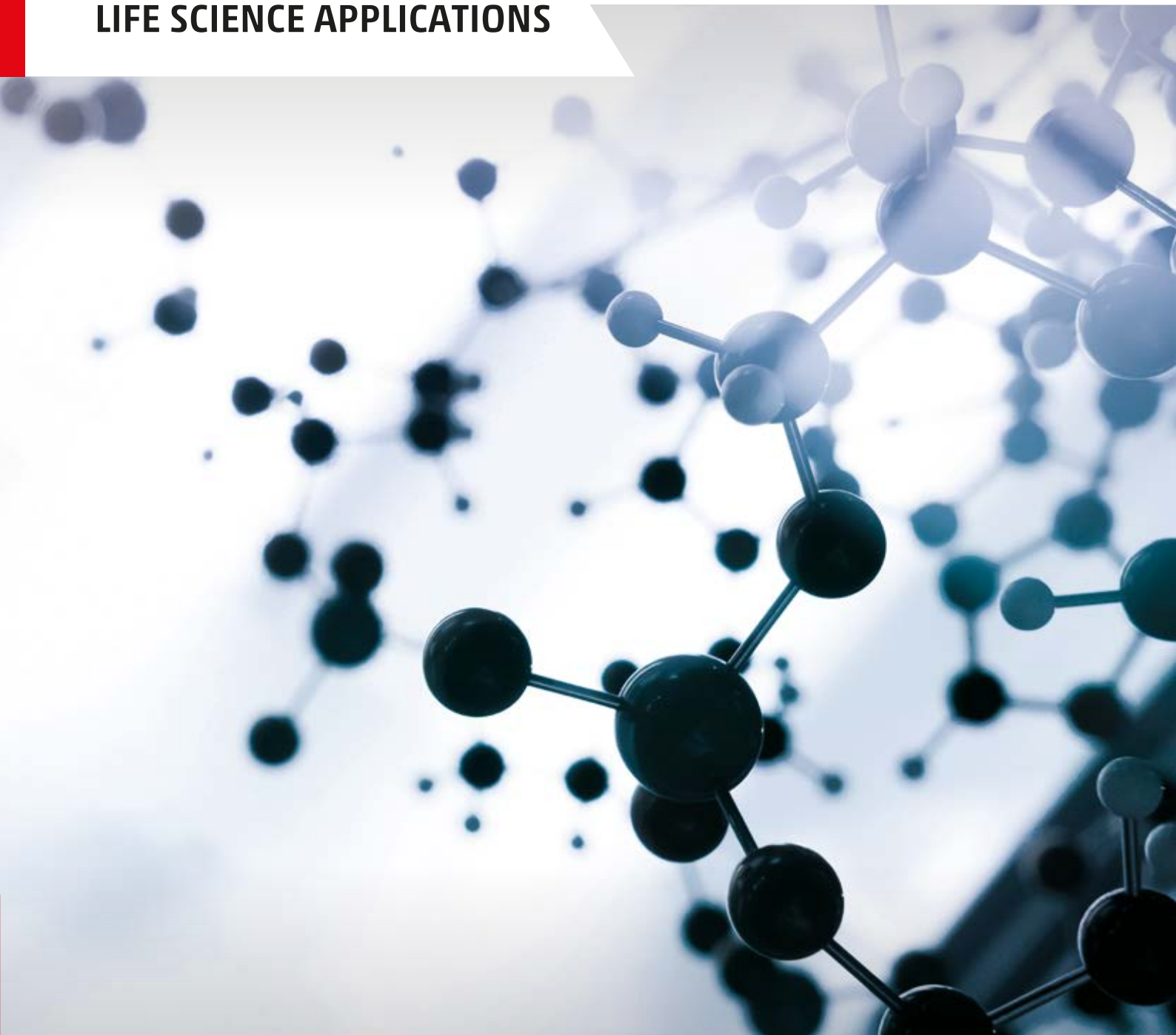


SOLUTIONS FOR LIFE SCIENCE APPLICATIONS



FLUID CONTROL COMPONENTS AND SYSTEMS FOR THE LIFE SCIENCE SECTOR

LIFE SCIENCE



MEDICAL

ANALYTICAL

As well as pneumatic and electric components for automation, Camozzi also invests in fluid control technologies.

The Fluid Control department has been created to respond to the needs of an ever more complex and innovative market in both the industrial and life science sectors.

The MARC (Mechatronic Application Research Center) combines experience in the design and mechanical processing of components for the fluid power sector, with electronic and digital expertise in the selection and machining of both metallic and polymeric materials, with expertise in the most advanced technologies. This makes Camozzi the ideal partner to develop high added value solutions, while its network of subsidiaries and distributors serving more than 70 countries guarantees support and assistance in every part of the world.

TOTAL QUALITY OF PRODUCTS AND PROCESSES

For more than 50 years, Camozzi has developed products and processes based on the principles of Total Quality.

In order to guarantee the best quality in all production phases, Camozzi has created controlled atmosphere environments and an ISO 7 cleanroom for the assembly of products and solutions that require extreme cleanliness and the elimination of all organic and/or inorganic contaminants.

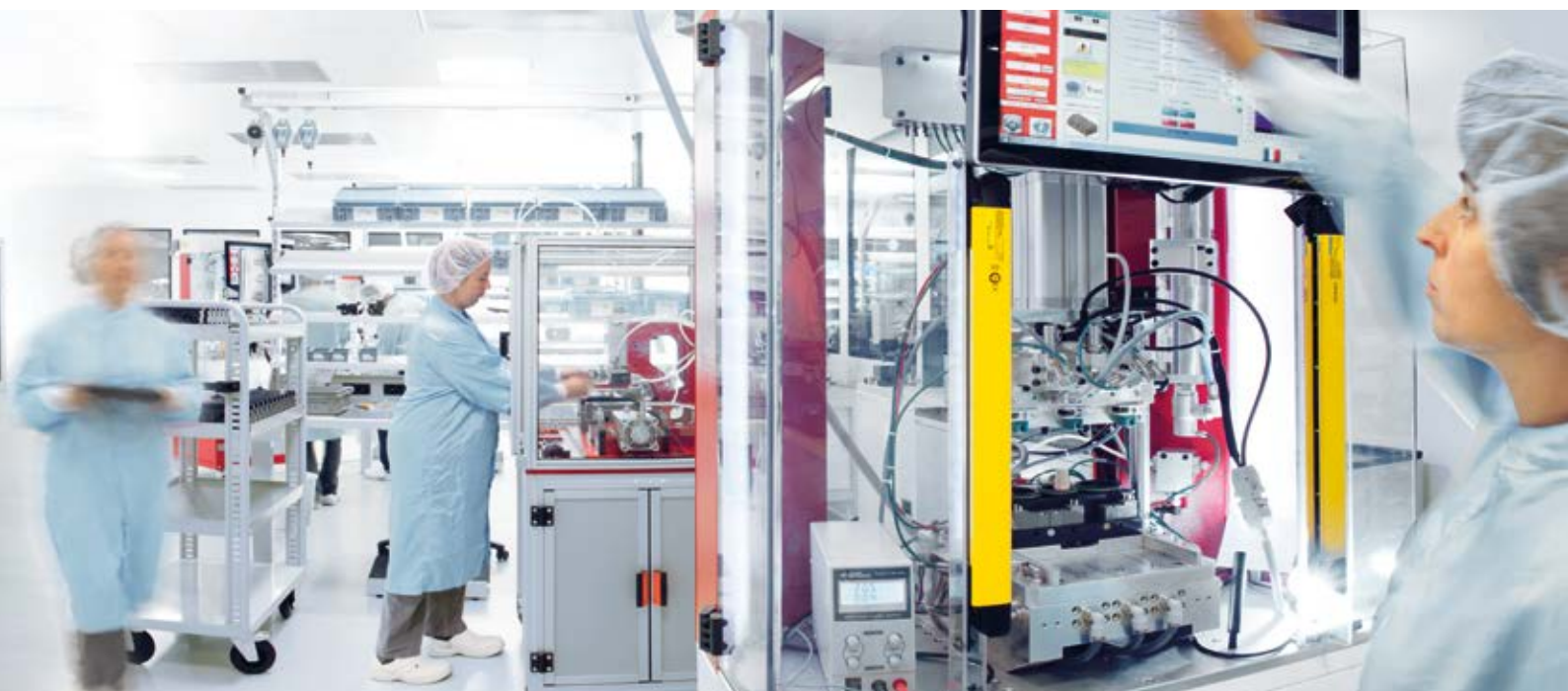
Ultrasonic cleaning and inspection equipment that makes use of UV blacklighting enables us to supply components that can be used with aggressive liquids as well as highly flammable gases like oxygen.



.....
Focus on maximising customer benefits
.....

Total Quality Management
.....

Lean manufacturing philosophy
.....



APPLICATION SECTORS

Medical



In-house laboratories, equipped with cutting edge equipment and instruments, enable us to conduct both general application tests and tests specifically requested by the customer. This allows us to produce components that satisfy the requirements of life science in terms of both material compatibility and specific legislation.

- Ventilators & Anaesthesia
- Dialysis machines
- Presso & Vacuumtherapy
- Drug Infusion
- Dental unit
- Autoclave
- Oxygen concentrators
- Hematology
- Clinical Chemistry
- Biotecnologies
- Clinical diagnostic
- Electrophoresis

Analytical



The combination of fluid dynamic components and technologically advanced equipment enables Camozzi to develop customised solutions for manufacturers of analytical and diagnostic instruments.

- Mass Spectrometry
- Gas & Liquid Chromatography
- Biomedical Analysers
- Environment Analysers
- Molecular Analysis
- Genomics



INTEGRATED TECHNOLOGIES FOR A BROAD RANGE OF CUSTOMISED SOLUTIONS

Camozzi has broad experience in the development of a range of customised solutions for the control of liquid and gaseous fluids. These solutions combine modern and functional design with high performance to produce miniaturised solenoid valves and other components as well as PWM (pulse width modulation) and PCM (pulse code modulation) controls, separating diaphragms for controlling aggressive fluids, latch systems and systems with integrated sensors that control pressure, flow and position.



MINIATURISED SOLENOID VALVES









PROPORTIONAL TECHNOLOGY



MEDIA ISOLATION AND GENERAL PURPOSE



-  • HIGH SPEED
-  • HIGH FLOW
-  • HIGH PRESSURE
-  • VACUUM
-  • HIGH PRECISION AND REPEATABILITY
-  • PWM SYSTEMS



Contacts

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Automation

