



High technology at your service

The Company

For over 50 years Sodi Scientifica has been committed to supplying high quality products in the sector of liquid and chemical reagent dosing, water treatment and purification, striving to provide to its customers not just simple products but solutions with their resulting benefits.

The entire development cycle of our products – from design to production and testing – is maintained entirely under the direct control of our personnel at our facility in Calenzano, in the immediate vicinity of Florence, Italy.



Quality first...

From simple components to the most complex systems, Sodi Scientifica offers extremely reliable technical solutions, suited for those clients which consider quality and durability as the main aspects.

It is the close cooperation with every customer, before and after the sale, that assures the best success of the operation and contributes to full customer satisfaction.

The quality is also embodied in the implementation and maintenance of an Integrated Company Management System and a ISO 9001 Quality Management System, certified by DNV GL.

PD Series Metering Pumps

The main features of our metering pumps – acknowledged for many years by the market – are sturdiness, reliability and metering precision, with no compromises, even in heavy duty applications.

The pumps are available with plunging piston pumping system, with mechanical and hydraulic membrane, with nominal performance reaching maximum flow rates that ranges from 0.5 to 2,200 l/h and maximum pressures up to 40 bar.

The PD series pumps are able to meet any metering requirement thanks to the innumerable combinations of available materials for metering the widest variety of chemical products.

On demand, the PD range of pumps (with the exception of models PD-S and PD-M) may be equipped with linear electro-mechanical positioner 0-100% controllable with 4-20 mA signal, with auto-correction return signal.

A PWM (Pulse Width Modulation) system also makes it possible to modulate the metering and assures integration of our pumps into more complex systems, typical of the industrial sector.

All Standard motors are "Tropicalized" and supplied with IP 55 protection level. Versions with various voltages and frequencies are available on demand for the international market.



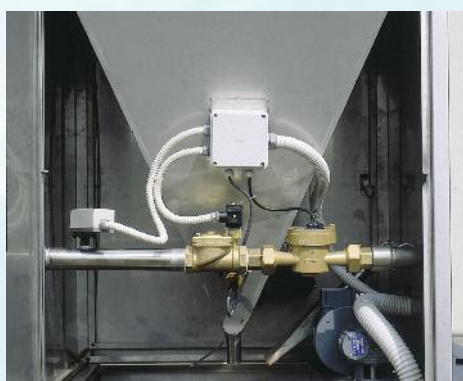
Automix series Polyelectrolyte Dissolution Systems

Wide range of polymer Dissolution Systems both for powder and emulsion. The commercial offer is extremely modular and ranges from simple solutions with basic functions up to fully automatic apparatuses controllable via PLC.

Based on the type of system and intended use, the tanks are available in stainless steel and polyethylene with nominal capacities ranging from 1 to 5 m³/h.

In the most complete configurations, initial calibration makes it possible to optimise metering according to the physical features of the used powdered polymer, assuring high metering precision (savings up to 30%), as well as perfect mixing and curing.

To meet any preparation need, our **Automix** also includes static mixers for mixing and preparing polyelectrolyte in line (without maturation tank), very widespread application in small/medium sized systems when polymers in emulsion are used.



Bi-O-Chlor and Bi-O-Chlor System series Chlorine Dioxide Generators

These are chlorine dioxide generators, totally by liquid, based on the reaction of hydrochloric acid (HCl) - sodium chlorite (NaClO₂), both at commercial concentrations respectively of 33% and 25%. The BI-O-CHLOR systems use a mixed system of forced reagents supply, with the reactor in a vacuum, which assures three essential features of these products: **Precision, Safety** and metering **Stability**.

Available flow rates range from 6 to 10,000 g/h.

For systems that do not have suitable premises to house a chlorine dioxide system, the generator may be supplied, on demand, and with a specific design, inside a pre-assembled and transportable station, called Bi-O-Chlor System, complete with reservoirs, containment tanks and any additional safety system.



Other products

Remotely controllable and programmable process instrumentation for the analysis, display and control of various elements together with a wide range of accessories and detection probes complement our product range.

Support Service

With its qualified external service team Sodi Scientifica is able to support its customers for: repairs, maintenance, support to installation and commissioning of new systems.

Over 50 years of experience at your service!

For any further information on all our products or to be contacted by the area agent, please write to the sales department at info@sodi.com