

Dosing and control equipment

Water treatment and industrial
process solutions



PRECISE CHEMICAL INJECTION





**Adjustment
of discharge water pH**

Injecting acids or alkalis to adjust the pH of process wastewater.



**Dosing
of flocculants**

Using powerful suction pumps to dose polyelectrolytes to dry slurry.



**Chlorination
of drinking water**

Applying hypochlorite to disinfect water for human consumption.



**Free chlorine
control**

Using free chlorine sensors to monitor and control free chlorine content at the plant exit and in distribution stations.



**Calcium
hypochlorite**

High-efficiency, corrosion-resistant mixers to prepare calcium hypochlorite solutions.



**Legionella
treatment**

Dosing biocides to treat and prevent legionellosis outbreaks.

Water treatment



Case Studies

Practical and real world situations, providing applied solutions ☺



**Application
sectors**



 **WASTEWATER**



 **DRINKING WATER TREATMENTS**



 **COOLING TOWERS**



Paper manufacturing

Dosing dyes, bleaches, retention agents and all kinds of reagents used in the paper manufacturing process.



Polyurethanes preparation

Simultaneously dosing reagents in a proportion set by multi-head configuration pumps.



Disinfectant level control

Monitoring and controlling the disinfectant capacity of water used to wash fruit and vegetables in the food industry.



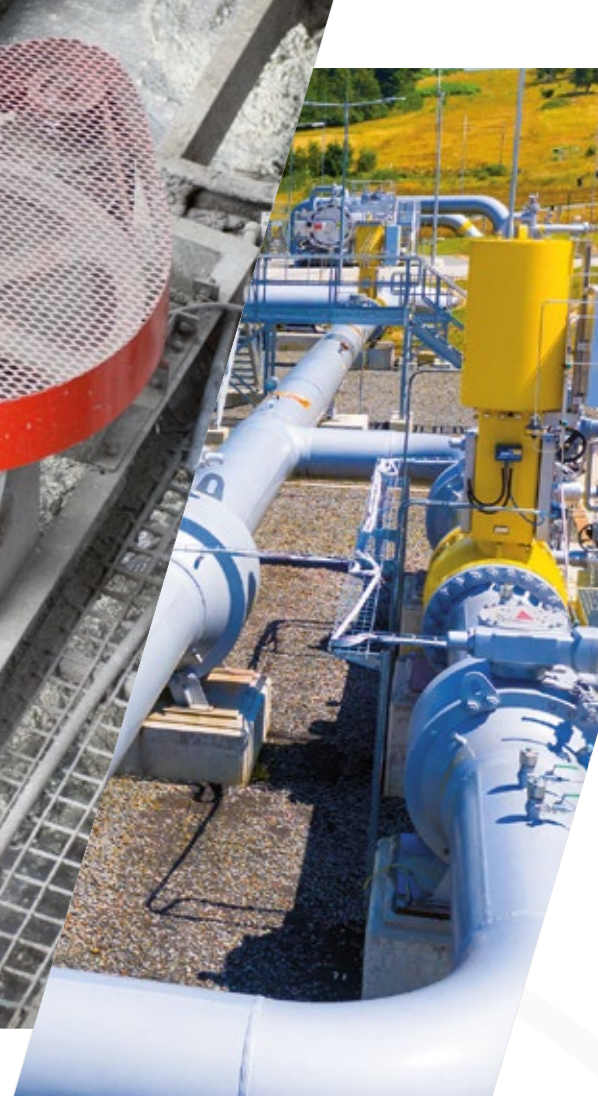
Compact dosing systems

Plug&Play configuration for easy installation and operation of dosing equipment, including all required accessories.



Mineral extraction by flotation

Using pumps to dose different reagents and ensure the recovery of ground mineral.



Injection of antioxidants and fluidisers

Oil treatment to improve its rheological properties with equipment designed in accordance with API 675 and ATEX configuration.

Industrial processes



Case Studies

Practical and real world situations, providing applied solutions ☺



Application sectors



 PAPER INDUSTRY



 CERAMICS INDUSTRY



 CHEMICAL INDUSTRY



 FOOD INDUSTRY



 MINING



 OIL AND GAS

Electromagnetic pumps

High-performance, high-precision electromagnetic membrane pumps to dose liquid products. Made of materials that are resistant to the majority of chemicals used in processes where a product must be dosed.



MULTIFUNCTION Q/ma (WMF)



MANUAL-DIGITAL (WMD)



MULTIFUNCTION Q/ma (MF)



pH/ORP CONTROL (PR)

Dosing solutions

Precise chemical injection for water treatment and industrial processes.

Stepper motor pumps

Dosing pumps with high precision, broad adjustment possibilities (1:3000) and an excellent suction capacity, including with viscous products, with stepper motor and advanced control functions to precisely and efficiently automate chemical product dosing.



DOSMART AC PP



DOSMART AC PVDF



DOSMART AC SS

Electric pumps

Electric dosing pumps with a positive return system, piston or membrane to dose liquid products with a dosing flow between 2.5 and 3,200 l/h that can be adjusted, without having to stop the pump, from 0% to 100% of its capacity.



DOSTEC 40



DOSTEC 50



DOSTEC AC



EFR



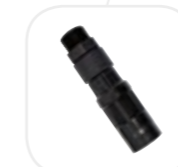
EFR DUPLEX



TEKDOS

Hydraulic accessories

Foot valves



Foot valves
PP or PVDF. 4x6, 6x8, 6x12 and 10x12 connection



Foot valve with disc strainer
PP. 6x12 or 3/4" connection



Foot valve with disc strainer
PP. 1 1/4" connection

Injection valves



45 mm
Tube of 4x6, 6x8, 6x12 or 10x12. 1/2" thread in PP or PVDF



45 mm
Tube of 6x8, 6x12 or 3/4". 3/4" thread in PP, PVDF or AISI 316

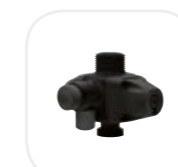


108 mm
Tube of 3/4". 3/4" thread in PP, PVDF or AISI 316



120 mm
Tube of 1 1/4". 1 1/4" thread in PP, PVDF or AISI 316

Others



Multifunction valve
PP or PVDF. 4x6, 6x8, 6x12 and 10x12 connection



Degassing head
PP or PVDF

Dosing control

Multiparametric controllers to monitor free chlorine, pH, ORP (RedOx), flow and temperature, as well as adjust them through the control outlets for water treatment dosing pumps. The configuration options allow online control using an analogue output (mA) with PIQ adjustment.

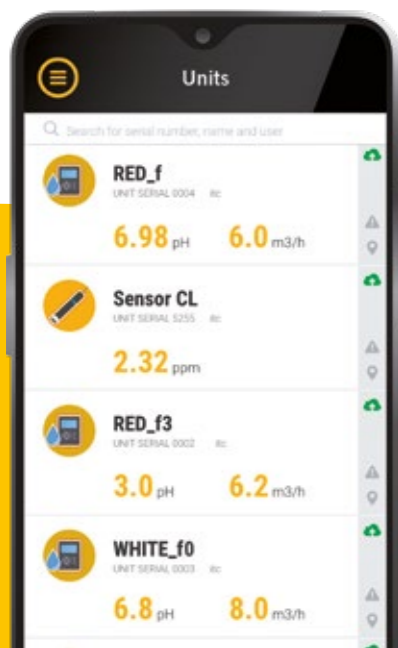


Control solutions

Monitoring and controlling proportional chemical dosing for water treatment and industrial processes.

Plug&Play solutions

Full, compact equipment that saves on space and installation time. They can include pre-assembled sensors, controllers and support elements, allowing for easy, fast system assembly.



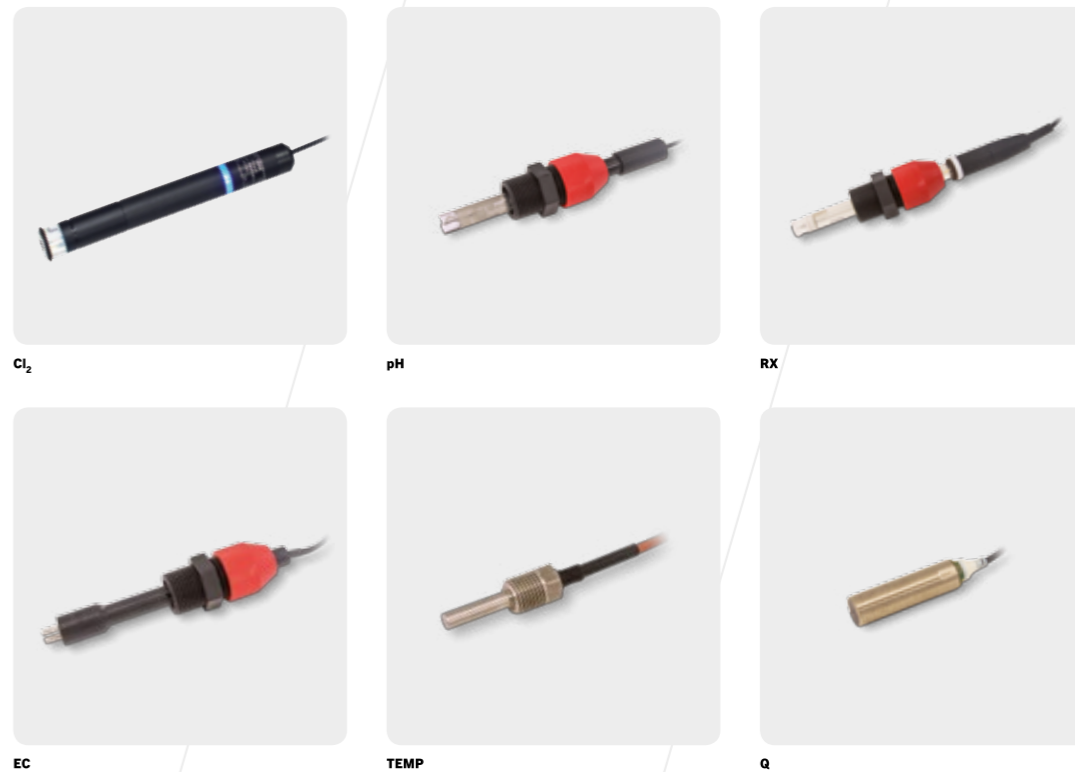
CloudManager

Remote management, with advanced control, of pumps and dosing control equipment.

- ▶ User-friendly, intuitive programming
- ▶ Data Logger and history search option
- ▶ Full equipment control and management
- ▶ User management

Sensorisation

Sensors to measure water quality and send data to dosing control equipment.



Mixers

Turbine mixers with centrifugal movement to help rotate the liquid, and axial movement to mix the bottom of the tank.

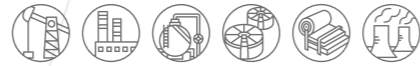


Benefits of ITC devices

- Quick installation thanks to pre-assembled equipment
- Adaptation and flexibility regarding customer requirements
- Lower installation cost
- The fastest production and delivery times on the market
- ITC warranty. All devices are tested after manufacture

Industry leader in dosing pump manufacture

ITC was created in 1988 and it manufactures dosing pumps and dosing control equipment for injecting chemicals in a liquid state.



Global distribution network

ITC has an extensive global distribution network and a team that is committed to offering an agile, direct and local service.

Thanks to 30 years in the sector, we are a leading manufacturer of dosing pumps and control equipment.

DISTRIBUTOR BRANCH



Our values

Commitment

Willingness to build projects that make a contribution in more ways than simply a financial sense.

Desire to improve

Great professionals who are eager to find new challenges that add value and seize any opportunities that arise.

Proximity

A team that is close at hand, both for internal and external relations, and ready to work together to overcome any problem that may arise.

Integrity

Unshakeable honesty and consistency between principles and actions.

R&D

Continuous innovation in products and processes.

Quality

Quality is a priority. ISO 9001-certified company.

Support

Specialised technical support service for each product range.

Training

Customised training programmes for distributors.



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DOSING PUMPS

