



**SIMPLY**

Precision chlorination dosing station - chlorine coverage

Rev. 0 - 03/24



**CHARACTERISTICS**

Complete dosing station for multifunctional conditioning of sanitary water circuits - Ferrocid® 5280-S.

- 25/50-liter tank in black HDPE
- black HDPE containment tank for reservoir
- suction lance and level probe
- digital dosing pump suitable for dosing chemical products in general, complete with 6×4 crystal PVC suction hose and 6×4 PE delivery hose

The TPG pump of the dosing station must be connected directly to the pulse launcher meter installed in the line.



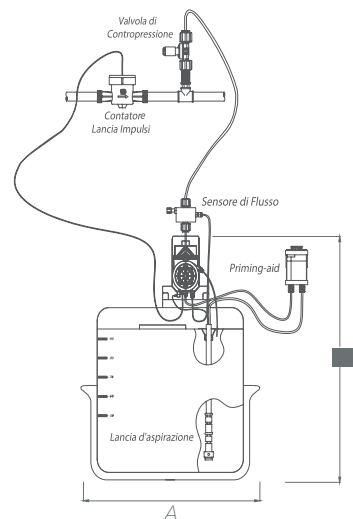
**TECHNICAL DATA**

Code	SD210025	SD210050
<b>SIMPLY dosing station</b>	tank capacity lt 25	tank capacity lt 50
<b>Min.-Max. TPG 300 pump dosage l/h</b>	0,5 - 1,0	
<b>TPG 300 max. pump pulse/minute frequency</b>	60	
<b>TPG 300 pump seal kit</b>	PVDF	
<b>Min./max. pressure bar</b>	2 - 5	
<b>TPG 300 pump supply voltage</b>	230 V 50/60 Hz	
<b>Min.-Max. ambient temperature °C</b>	5 - 40	



**OVERALL DIMENSIONS**

Model	A	B
SIMPLY 25	600	450
SIMPLY 50	600	565



**EQUIPMENT AND SUPPLY SPECIFICATIONS**

The SIMPLY dosing stations are supplied complete with tank, containment tank, pump assembled to the tank itself, flow sensor for dosing verification, priming aid priming device and valve

Shipping managed on pallets.

back pressure for network installation; ready for use. The product is accompanied by an instruction, use and maintenance manual in Italian.

ACCESSORIES



## OPTIONAL ACCESSORIES

### • BIOCIDAL PRODUCT WITH ANTI-CORROSIVE PROTECTION FUNCTION - FERROCID 5280-S



Ferrocid® 5280-S is a unique liquid product based on a balanced mixture of chlorine derivatives, phosphates and silicates. The product performs its primary action as a sanitizing agent against the accumulation of organic material

(bacterial proliferations and biofilms) within drinking and sanitary water transport and containment systems.

Ferrocid® 5280-S has proven to be effective in preventing and removing the accumulation of material due to the colonization of Legionella. Thanks to its use, it will therefore be possible to prevent bacterial proliferation without compromising the drinkability of the water and without damaging the systems. Ferrocid® 5280-S complies with the provisions of the BPR (Biocide Regulation) for PT4 (sanitization of drinking and sanitary water tanks and circuits) and PT5 (drinking and sanitary water).

Use: reclamation and sanitization of systems > "shock" applications - 100 and 500 g/m<sup>3</sup> are recommended

Use: prevention and maintenance of systems > continuous dosages - 30-50 g/m<sup>3</sup> (2-3.5 ppm Cl<sub>2</sub>)

Ferrocid® 5280-S is dangerous for transport and, therefore, falls within the ADR requirements. Drinking use.

**COD. PC080**



## REFERENCE STANDARDS

**Directive 2014/30/UE:** concerning the approximation of the laws of the Member States relating to electromagnetic compatibility.

**Directive 2014/35/UE:** concerning the approximation of the laws of the Member States relating to electrical equipment intended for use within certain voltage limits.

## AVERAGE DELIVERY TIMES

1 week

## GENERAL EXCLUSIONS

- Dedicated product tank filling
- Equipment start-up and final testing

To start the dosing station, you can proceed by consulting the use and maintenance manual.

However, since this is an equipment connected to others, filling and start-up can be envisaged within the dedicated 'filling and testing price list' package.



## PRECAUTIONS AND WARNINGS

**Attention!** If this equipment is used for the treatment of water intended for human consumption, it requires regular periodic maintenance in order to guarantee the drinkability requirements of the treated drinking water and the maintenance of the improvements as declared by the manufacturer. In the case of filters or connecting pipes made of AISI 304 or AISI 316 stainless steel, consult the Technical Dept. in advance to verify compatibility with the chloride content of the water to be treated .



## MAINTENANCE

Periodically check the correct operation of the equipment. Ordinary operation of the equipment requires to periodically refill the product to be dosed. If there is a periodic cleaning and sanitization plan for the system, it is also necessary to include the equipment. To ensure correct management of the equipment, it is advisable to carry out at least two checks per year. Respect all the instructions given in the Use and Maintenance Manual.



## INSTALLAZIONE

Installation must be carried out exclusively by qualified personnel and in full compliance with local regulations. The installation must be carried out in hygienically suitable places, provided with the services necessary for the correct operation of the equipment, protected from direct exposure to the sun, frost, bad weather, away from detergents, solvents and chemical products in general. The equipment must be equipped with an adequate by-pass system that allows it to be excluded if necessary. Before installing, see the use and maintenance manual.

- Lifting and handling means
- Hydraulic and electrical connections to our plant and to our utilities
- Masonry, carpentry and foundation works
- Chemical analyses
- Structural calculations
- Anything not expressly mentioned in the offer