

ProDos

Granular Calcium Hypochlorite Feeder System



The **ProMinent® ProDos 250** Calcium Hypochlorite Feeder System generates a 0.5% chlorine solution from granulated calcium hypochlorite suitable for dosing into water supplies.

The system operates on a continuous batch process and includes the following.

Preparation Plant

- 30kg storage hopper
- Vibratory granular feeder
- Mixing chamber
- Transfer pump
- Acid cleaning pump
- Control panel

Capacity

- Up to 2.5kg/h Cl_2 as a 0.5% solution

Benefits

- The ProMinent ProDos 250 allows the use of granular calcium hypochlorite as your chlorine source.
- Reduced Occupational Health & Safety requirements compared to gas chlorine.
- Calcium hypochlorite does not degrade like liquid chlorine.
- The ProDos 250 system comes pre-wired and pre-plumbed for easy installation.
- Compact design means the system easily fits into most existing plant rooms, occupying far less space than large traditional liquid chlorine tank installations.

Storage Tank*

- 250L UV stabilised PE tank
- Chemically resistant Halar coated stirrer
- Manual 3-way valve to initiate acid clean
- All necessary interlocks

Applications

- Water Treatment Plants
- Waste Water Treatment Plants
- Rechlorination

Package Dimensions

- Preparation Plant: 1170mm x 500mm x 900mm [H x D x W]
- Storage Tank: 1400mm x 1050mm x 1050mm [H x D x W]

*Dosing Pump not included.



Key Features

Vibratory Feeder

- Innovative solution for feeding granules.
- More reliable than screw feeders and erosion feeders.
- Adjustable output.
- Includes isolation valve.
- Feeder spout can be easily removed for service via union connection.



Mixing Chamber

- Includes mixing manifold, overflow and high level alarm interlock.
- Chemically resistant pump provides superior mixing and means of transfer of solution into 250L storage tank.

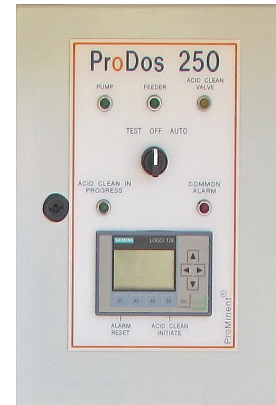


Granular Storage Hopper

- Capacity of up to 30kg of granular powder.
- Includes lid to reduce moisture ingress into the hopper.

Visual Display of Operational Status of the System

- Clear indication of status of plant operation.
- Lockable panel.



Solution Storage Tank

- Capacity of 250L.
- Halar coated, chemically resistant stirrer.
- Manual 3-way valve to initiate acid wash.

Acid Cleaning

- ProMinent Beta acid pump is supplied with each ProDos 250 to allow for easy periodic cleaning of the system.
- Prevents calcium build up that may lead to blockage.



Transfer Pump

- Proven reliable mag-drive chemical pump.



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