

Automatic Chlorination System



DS300 Controller System

The DS300 Automatic Chlorination Controller System is the ideal solution for analyzing and regulating chlorine content and pH in water treatment application. The unit consists of carefully selected components to allow for installation in unique environments that require strict control of water disinfection parameters. The DS300 has proven effective in a wide range of water systems such as commercial swimming pools, wastewater treatment plants, cooling towers, drinking water systems, poultry or dairy farms and beverage plants.

Advantages

ECONOMIC

- Low running costs: no consumable reagents and low probe maintenance
- Proportional control: avoids addition of excess chemicals

SIMPLE TO USE

- 'Plug & Play' design
- User-friendly interface on controller unit that allows for simple on-site calibration

ACCURATE AND RELIABLE

- Accurate measurement oxidation reduction potential and pH
- Proportional control is used to stabilize parameter values (chlorine & pH) as close as possible to setpoints

VERSATILE

- Can be customized to suit various applications
- Suitable for water that contains stabilized chlorine

Unit Dimensions

Dimensions (l x w x h)	560 mm x 795 mm x 1,700 mm
Weight	68 kg
Footprint	0.75 m ²

Components

- HTH® Scientific™ Controller
- 1.1 kW Circulation Pump
- pH Correction Dosing Pump
- ORP probe
- pH probe
- Paddle Flow Switch
- Eductor
- Housing for Scale Inhibitor product
- Controller available for separate purchase

All components are assembled with Class 16 PVC piping onto a compact steel / polypropylene frame.



The DS300 controller system helps to maintain a constant level of chlorine in large swimming pools, thereby protecting bathers from the discomfort associated with high chlorine levels in the water.

System Specifications:

- Live digital display
- Programmable inhibitor dosing proportional to make-up / bleed – all timer based
- Dual biocide dosage via programmable timers
- Dispersant dosing
- Electricity requirements: 220 V & 16 A
- 4 – 20 mA outputs
- Pre-set safety alarms
- IP Rating: IP65
- Measure free chlorine up to 10 ppm
- To be used in conjunction with our Feeder Systems, HTH® Scientific™ Chips, Frexus® Chips and/or HTH® Hydrochloric Acid



Easy to operate and install, the DS300 system can be used to streamline water treatment processes in industrial, municipal, commercial, food and beverage applications.

Product Code

DS300 Controller System: **SCIDS300**

To be used in conjunction with any of the following disinfectant feeder systems:

- 35kg Chip Feeder System, SCI35CD
- 200kg Chip Feeder System, SCI200CD
- Pulsar® 1 System, SCIPUL1
- Pulsar® 3 System, SCIPUL3

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