

S-CHLORATEUR antifouling

Protects immersed sensors from biofouling



S-Chlorateur has been designed to protect sensors against biofouling and prevents measurement drift.

The S-Chlorateur generates a chlorination current that protects the immersed sensor to which it is connected. This current is delivered at constant potential so chlorination can be performed for long-term protection

S-Chlorateur measures and records the chlorination current and the potential generated.

- Easy to use:
- Light and compact
- Fast wireless configuration using *Inductive Data Pencil*

S-Chlorateur connects to each sensor with a dedicated chlorination grid. - Available for the following sensors:

- Conductivity
- Dissolved oxygen (Aanderaa)
- Fluorometer (Turner Designs)
- Turbidity (Seapoint)

DESIGNATION		S-Chlorateur
Order code		60-07-137
Max depth		300m *
Measures	Voltage	0 / 3 V
	Accuracy	50 mV
	Range	20 mA
	Resolution	150µA from 0 to 15 mA
Anode		Each anode is designed to protect a specific sensor
Time		Internal clock calendar, ±1.3min/month
Sampling rate		From 1 second to 99 hours (active and inactive cycle)
Autonomy	Memory	1MB, up to 5 years
	Energy	> 20 months (5min, chlorination / 15min) Replaceable Lithium batteries
Mechanical features	Dimensions	Ø 60 x 234 mm
	Weight	900 g
	Housing	PETP
Option		* Specific housing for 3000m depth use

A specific version of S-Chlorateur is available for the protection of underwater viewing windows.

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