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# Aquasalt

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# Aquasalt

**D**<sup>3</sup> Designed  
in Barcelona



Aquasalt Bold

Aquasalt Sure

**aquasalt**  
electrólisis salina



**Pleasure and benefits for our health**

Aquasalt removes the unpleasant smell from chlorine in your swimming pool and prevents the premature loss of colour of your swimwear. Furthermore, slightly salty water (7 times less salty than sea water) is beneficial for our body, since it provides antiseptic properties for our skin, eyes and nose, and prevents irritations due to chemical products. The AQUASALT electrolysis cells are built using a Titanium alloy coated with different special metals, which act as a catalyst for the production of disinfection substances.

The high quality and resistance of these cells gives the AQUASALT systems a longer durability and service life when compared to other products with similar features in the market.

**Water Treatment System Using Salt Electrolysis**

Aquasalt offers a brand new concept on water treatment for our swimming pool. The salt electrolysis provides a high water quality, free of chlorinated chemical products, which may irritate the eyes and the mucosa, as well as dry out the skin. Our simple and robust equipments will help you save time and money during maintenance.

**Automatic pH Control**

pH is one of the most important factors in salt electrolysis. Thanks to our pH Control, the pH adjustment and control will be carried out automatically and will be very easy to adjust (standard option for AS Bold systems). It will always keep a value close to 7.1, which is the optimum level for disinfection.

**How does Aquasalt work?**

Our salt electrolysis systems use common salt, which must be added to the swimming pool in a concentration of 3 to 35 g/litre according to the type of water. This salty water will go through a titanium plate, where chlorine and active oxygen are produced. These disinfection elements will keep our swimming pool free of organic matter and pathogens. This operational procedure is fully automatic and safe, and has a maximum voltage of 5 V (similar to common batteries).

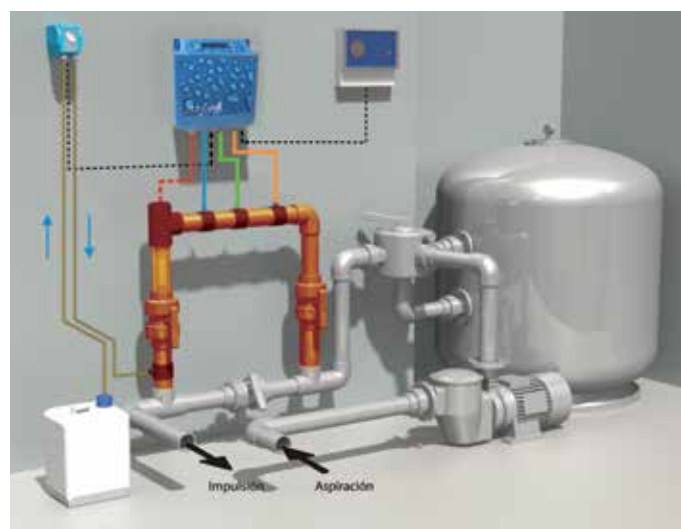
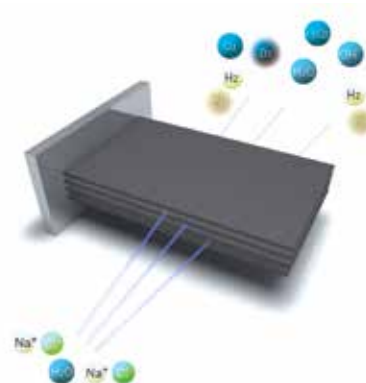
**Less costs and less maintenance**

Forget about keeping and handling hazardous chemical products in your home: with Aquasalt this will no longer be necessary, thus helping you get a significant saving. Also, chlorinated products are highly oxidant and produce high corrosion levels, which damage the plant room of the swimming pool.

**Safe systems**

With Aquasalt you will no longer have to add skimmer tablets, thus preventing the risk of children touching them or playing with the rests of granulated chlorine, which usually remain on the borders of the swimming pool.

The AQUASALT electrolysis cells are built using a Titanium alloy coated with different special metals, which act as a catalyst for the production of disinfection substances. The high quality and resistance of these cells gives the AQUASALT systems a longer durability and service life when compared to other products with similar features in the market.



- Temperature measuring device
- Redox measuring device
- pH measuring device
- pH dosing device
- - - Power supply cable
- - - Salt electrolysis

## Aquasalt Sure



These salt chlorination systems for swimming pools are composed of a control cabinet and an electrolysis cell with titanium coating.

Automatic operation: In parallel to the filtration system.  
Sure programmer: LED indicators with an easy and user-friendly operation.

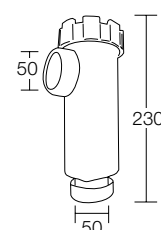
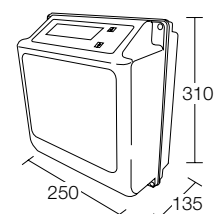
Self-cleaning cell: Polarity is automatically changed in order to reduce scaling on the cell.

Connection: 50 mm, glued.

Manual adjustment of chlorine production.

Automatic lack of salt indication.

Flow sensor: Should there be no flow, the system will detect a gas accumulation and stop the operation.



### Technical Specifications

Supply voltage: 240 Vac 50-60 Hz.

Cell: Made of titanium with a self-cleaning coating.

Cell assembly: Vertical / Horizontal.

Service life of the cell: 10.000 h.

Salinity range: 3 - 36 kg/m<sup>3</sup>.

Min. flow: 5 m<sup>3</sup>/h.

Max. flow: 20 m<sup>3</sup>/h.

Max. pressure: 2 bar.

Temperature: 4 - 40 °C.

Polarity inversion: Automatic.

Code	Model	Cell production g/h	Max. volume m <sup>3</sup>	pH control	Dosing pump	Packaging units
800500	AS 10	10	45	-	-	1
800501	AS 15	15	60	-	-	1
800502	AS 20	20	90	-	-	1
800503	AS 25	25	120	-	-	1
800504	AS 35	35	150	-	-	1
800529	AQUASALT 2 pH regulator with peristaltic dosing device 4 L/h 1.5 bar					1

## pH regulators and dosing pumps



pH regulator including a high quality electrode pH, to measure the pH in swimming pools and peristaltic dosing pump.

User-friendly pH Regulator assembled in a watertight box with IP65 degree.

Automatic calibration system using its own patterns.

Body of the pH electrode made of Epoxy 12 x 150 mm.

Measuring range within 0-11 pH.

Supply voltage: 240 Vac 50-60 Hz.

Peristaltic dosing pump with a flow of 1 L/h.

Pressure 3 bar.

IP65 Protection.



Code	Description	Packaging units
800529	AQUASALT 2 pH Regulator pH with peristaltic dosing device 4 L/h 1.5 bar	1



Code	Description	Packaging units
800525	AQUASALT 2 Peristaltic dosing pump 4 L/h 1.5 bar	1



Code	Description	Packaging units
800520	pH Kit for salt chlorination systems AQUASALT 2: 2 plastic clamp ø 50, 1 pH probe, 1 probe holder, 1 reducer 1/2 · 3/8, 1 pattern solution pH7 and pH4	1



Code	Description	Packaging units
800521	REDOX Kit for salt chlorination systems AQUASALT 2: 1 plastic clamp ø 50, 1 ORP REDOX probe, 1 probe holder, 1 pattern solution 465 mV	1



Code	Description	Packaging units
800523	Temperature Kit for salt chlorination systems AQUASALT 2: 1 Plastic clamp ø 50, 1 temperature probe, 1 probe holder.	1

## Aquasalt Bold pH integrated



These salt chlorination systems for swimming pools are composed of a control cabinet, an electrolysis cell made of titanium with coating and a pH controller.

Automatic operation: In parallel to the filtration system.

Bold programmer: Multi-line LCD-Display with control keyboard.

It allows configuring the disinfection mode, as well as the lights.

Self-cleaning cell: Polarity is automatically changed in order to reduce scaling on the cell.

Connection: 50 mm, glued.

Covered Mode: The system reduces production when the swimming pool is covered.

Flow sensor: Should there be no flow, the system will detect a gas accumulation and stop the operation.

Language selection.

Manual chlorine regulation.

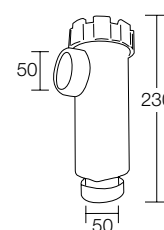
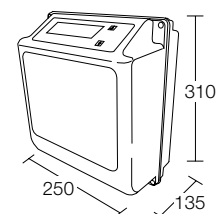
Automatic chlorine regulation.

pH control.

Automatic lack of salt indication.

Automatic excess of salt indication.

Water temperature indication (optional).



### Technical Specifications

Supply voltage: 240 Vac 50-60 Hz.

Cell: Made of titanium with a self-cleaning coating.

Cell assembly: Vertical / Horizontal.

Service life of the cell: 10.000 h.

Salinity range: 3 - 36 kg/m<sup>3</sup>.

Min. flow: 5 m<sup>3</sup>/h. Max. flow: 20 m<sup>3</sup>/h.

Max. pressure: 2 bar.

Temperature: 4 - 40 °C.

Polarity inversion: Automatic adjustable.

PH control: Included.

Dosing pump: Not included.

Code	Model	Cell production g/h	Max. volume m <sup>3</sup>	pH control	Dosing pump	ORP Control	Packaging units
800506	AB 10	10	45	Yes	-	-	1
800508	AB 15	15	60	Yes	-	-	1
800510	AB 20	20	90	Yes	-	-	1
800512	AB 25	25	120	Yes	-	-	1
800514	AB 35	35	150	Yes	-	-	1
800525	AQUASALT Peristaltic dosing pump 2 4 L/h 1.5 bar						1

## Aquasalt Bold pH + ORP



These high-performance salt chlorination systems for swimming pools are composed of a control cabinet and an electrolysis cell with titanium coating.

Bold programmer: Multi-line LCD-Display with control keyboard. It allows configuring the disinfection mode.

In addition, it allows to control the lights of the swimming pool. Includes a display of the salt percentage in the swimming pool. Self-cleaning cell: Polarity is automatically changed in order to reduce scaling on the cell.

Built-in pH controllers to optimise the effect of the chlorine produced.

Connection: 50 mm, glued.

ORP Control (Redox Potential). In order to adjust the chlorine levels in the swimming pool and prevent an overdosing.

Covered Mode: The system reduces production when the swimming pool is covered.

Flow sensor: Should there be no flow, the system will detect a gas accumulation and stop the operation.

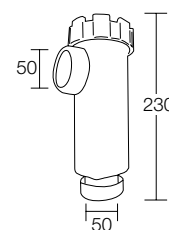
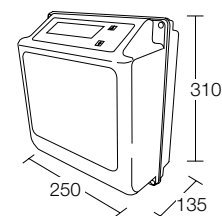
Language selection.

Automatic lack of salt indication.

Automatic excess of salt indication.

Water temperature indication (optional).

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electrólisis salina



### Technical Specifications

Supply voltage: 240 Vac 50-60 Hz.

Cell: Made of titanium with a self-cleaning coating.

Cell assembly: Vertical / Horizontal.

Service life of the cell: 10.000 h.

Salinity range: 3 - 36 kg/m<sup>3</sup>.

Min. flow: 5 m<sup>3</sup>/h.

Max. flow: 20 m<sup>3</sup>/h.

Max. pressure: 2 bar.

Temperature: 4 - 40 °C.

Polarity inversion: Automatic adjustable.

PH control: Included.

ORP control: Included.

Dosing pump: Not included.

Code	Model	Cell production g/h	Max. volume m <sup>3</sup>	pH control	Dosing pump	ORP control	Packaging units	
800515	ABR 10	10	45	Yes	-	Yes	1	
800516	ABR 15	15	60	Yes	-	Yes	1	
800517	ABR 20	20	90	Yes	-	Yes	1	
800518	ABR 25	25	120	Yes	-	Yes	1	
800519	ABR 35	35	150	Yes	-	Yes	1	
800525	AQUASALT Peristaltic dosing pump 2 4 L/h 1.5 bar							1



# Salt electrolysis demonstration

## Salt electrolysis demonstration briefcase

**DB** Designed in Barcelona



Code	Description	Packaging units
269311	Complete briefcase for salt demonstration	1



Code	Description	Packaging units
268208	Spare demonstration salt chlorinator	1



Code	Description	Packaging units
320711	Spare stainless steel electrodes	2



Code	Description	Packaging units
320710	Spare aluminium electrodes	2



Code	Description	Packaging units
704502	Beaker	1



Code	Description	Packaging units
270600	Test tube	1



## Salt electrolysis demonstration briefcase



Code	Description	Packaging units
320709	Plastic flask of 150 ml (empty)	1



Code	Description	Packaging units
320708	6-in-1 indicator strips	50 strips



Code	Description	Packaging units
271301	Reagent for chlorine determination, 150 ml	1



Code	Description	Packaging units
267901	Electronic conductivity analyser. 0 - 9990 $\mu\text{s}$	1



Code	Description	Packaging units
320706	Peroxide indicator strips	100 strips



Code	Description	Packaging units
270403	Demonstration folder for salt chlorinator	1

# Spare parts and accessories

## Spare parts and accessories



Code	Description	Packaging units
800526	pH electrode	1



Code	Description	Packaging units
800527	Redox electrode	1
800528	Temperature probe	1



Code	Description	Packaging units
800530	AQUASALT 2 complete cell 10 g/h	1
800531	AQUASALT 2 complete cell 15 g/h	1
800532	AQUASALT 2 complete cell 20 g/h	1
800533	AQUASALT 2 complete cell 25 g/h	1
800534	AQUASALT 2 complete cell 35 g/h	1



Code	Description	Packaging units
317701	Analysis case for start-up. Reading available through easy-to-use photometer. Analysis parameters. DPD-1-3 chlorine. Cyanuric acid. Alkalinity. Calcium hardness. pH.	1

# Chemical products

## Chemical products for swimming pools

Code	Description	Packaging kg	Packaging units
347101	Liquid pH reducer for swimming pools	12	1
347700	Granular pH reducer for swimming pools	2	1
347112	Anti-scaling product for swimming pools	1	1
347113	Alkalinity reducer for swimming pools	3	1
347109	Granular dichloro for swimming pools	5	1
347115	Liquid enzymatic Ultraclear for swimming pools	1	1
347105	pH increaser for swimming pools in powder form	6	1
347108	pH increaser for swimming pools in pearl form	6	1
347106	Clear alkalinity increaser for swimming pools	7	1
347103	Chlorine stabilizer for swimming pools in powder form	4	1
347107	Hardness (TH) increaser for swimming pools	5	1
347110	Flocculant for swimming pools in cartridges	5	1
347114	Liquid Oxipure for swimming pools	5	1