

AQUASCENIC

LOW SALINITY ELECTROLYSIS,
HYDROLYSIS AND IONIZATION (Cu / Ag)

Integral and fully natural
water treatment solution.

- **Combination of water hydrolysis and Cu/Ag ionization** for a natural pool disinfection
- No additional chemicals required
- **Controls and regulates pH, Redox and free chlorine**
- **Controls filtration, lighting, pH, Redox + 4 auxiliaries**
- Temperature control
- **Option: remote control** (Wifi + App)
- **Usage:** residential pools

Technical description: Aquascenic employs three methods of disinfection for perfect sterilization of water, without without the need to add any type of chemicals. The hydrolysis breaks the water molecule (H₂O) in hydrogen and oxygen (H and O), thus generating disinfection agents based on oxygen (O₃, O₂, OH⁻, H₂O₂...). Electrolysis uses chlorides present in the water to produce HClO (disinfectant). Also uses the ionization of copper and silver (algaeicide, bactericide and flocculant) to generate a residual disinfectant.



Non contractual photography



Self cleaning Cell



Cell warranty



Polarity change programming



PVC Transparent support



Security sensor included



Ionization Cu/Ag

ELECTRONIC UNIT

DESCRIPTION	HD 1	HD 2	HD 3
Intensidad		0-100%	
Salinity		From 1.5 g to 100 g de NaCl/l	
Pool Volume m ³ (up to 28°C)	65 m ³	100 m ³	200 m ³
Pool Volume m ³ (+28°C)	40 m ³	80 m ³	125 m ³
Display	2.8" TFT full color removable screen for remote installation (12 languages)		
Power supply	220 V 50/60 Hz		
Output	8-8 A	8-15 A	8-20 A
Maximum consumption	80 W	120 W	160 W
Dimensions	270 x 220 x 115 mm		
Electronic unit	Flame retardant plastic black ABS		
Protection cover	Flame retardant plastic grey ABS		
Control	Microprocessor 32 bits		
Intensity regulation	Amperage + Voltage		
Ventilation	Heatsink		
Self-cleaning	Programmable from 1 to 24 h		
Flow control	Gas sensor		Flow sensor
Operating hours counter	Yes, accessible by customer		
Production control	From 0 to 100%		
Alarms	Low conductivity / Lack of flow / dosing pH / excessive pH out of range / ph maximum dosing time		
Salinity test	Detects g/l of salt (accuracy of ± 10%)		
Production control per deck/cover	Configurable production level 0-100% depending on open or closed pool cover		
External signal production	Configurable production level 0-100% depending on any external signal (second analog input)		
Communications	MODBUS RS485 / WIFI / ETHERNET		
Main control outputs	Filtration control / Lighting control / Heating control		
Additional control outputs	4 additional relay outputs configurable by the user		

SALT ELECTROLYSIS CELL

DESCRIPTION	HD 1	HD 2	HD 3
Saline electrolysis cell	5 titanium plates	7 titanium plates	10 titanium plates
Minimum flow	5 m ³ /h	9 m ³ /h	11 m ³ /h
Plates sizes	200 x 45 mm		400 x 45 mm
Cell support material	Transparent PVC plastic		
Cell closure	Threaded for easy cell installation		
Pipe connection diameter	63 mm		
Cell cable	(3 x 4) x 1.5 m		
Gas sensor	Built-in cell		no
Maximum pressure	4 Kg/cm ²		
Maximum temperature	45°C		

IONIZATION CHAMBER

DESCRIPTION	HD 1	HD 2	HD 3
Numero de electrodos	2	4	6
Dimensions (length/Ø)	177 x 141 mm	280 x 141 mm	400 x 141 mm
Connection	2" thread (63 mm)		
Glass material	Transparent ABS		
Electrode material	Electrolytic copper and silver		