

OXILIFE

LOW SALINITY ELECTROLYSIS AND HYDROLYSIS

The treatment which adapts to your needs

- ▶ **Low salt electrolysis:** only 1.5 g/l (0,15 %) of salt
- ▶ **Controls and regulates** pH, Redox, free chlorine
- ▶ **7 Relays for pool control:** filtration, lighting, pH, Redox + 4 auxiliaries.
- ▶ Temperature control
- ▶ **Option: remote control** (wifi + app)
- ▶ **Usage:** pools from 10 m³ to 125 m³

Technical description: Oxilife employs two disinfection methods for perfect water sterilization, without needing to add any type of chemical. 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...). It also uses low Salinity electrolysis (> 1.5 g of salt / liter) for the generation of residual chlorine.



Non contractual photography



Self cleaning Cell



Cell warranty



Polarity change programming



PVC Transparent support



Security sensor included

ELECTRONIC UNIT

DESCRIPTION	OX 0	OX 1	OX 2	OX 3
Intensidad		0-100%		
Salinity		From 1.5 g to 100 g NaCl/l		
Pool Volume m ³ (up to 28°C)	20 m ³	60 m ³	120 m ³	150 m ³
Pool Volume m ³ (+28°C)	10 m ³	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	10-15 A
Maximum consumption	80 W	120 W	160 W	250 W
Dimensions	270 x 220 x 115 mm			
Electronic unit	Flame retardant plastic black ABS			
Protection cover	Flame retardant plastic green ABS			
Control	Microprocessor 32 bits			
Intensity regulation	Amperage + Voltage			
Ventilation	Heatsink			
Self-cleaning	Programmable from 1 to 24 h			
Flow control		Gas sensor, optional Flow 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	OX 0	OX 1	OX 2	OX 3
Saline electrolysis cell	4 titanium plates	5 titanium plates	7 titanium plates	10 titanium plates
Minimum flow	3 m ³ /h	5 m ³ /h	7 m ³ /h	9 m ³ /h
Plates sizes	100 x 45 mm	200 x 45 mm	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			