![sugar·valley]

OXILIFE

LOW SALINITY ELECTROLYSIS AND HYDROLYSIS

The treatment which adapts to your needs

- ▸ **Low salt electolysis:** 1.5 g 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 25m^3 to 125 m^3

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 (H_2O) in hydrogen and oxygen (H and O), thus generating disinfection agents based on oxygen (O_3, O_2, OH^-, H_2O_2...). It also uses law Salinity electrolysis (> 1.5 g of salt / liter) for the generation of residual chlorine.

Non contractual photography

SELF CLEAN	**8.000 h**			**SECURITY SENSOR**
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 m³ (up to 28ºC)	20 m³	60 m³	120 m³	150 m³
Pool Volume m³ (+28ºC)	10 m³	40 m³	80 m³	125 m³
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			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 m³/h	5 m³/h	7 m³/h	9 m³/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/cm²			
Maximum temperature	45ºC			