



ULTRAVIOLET + ELECTROLYSIS
OF LOW SALT CONCENTRATION

from 1,5g SALT/L	PORTABLE COLOR DISPLAY (TFT)	WORLDWIDE REMOTE CONTROL	WIFI and MODBUS
	UPGRADE POSSIBLE	SELF CLEAN	SEA WATER

ELECTRONIC BOX



Complete pool control



Filtration pump control



Light control



Control of 4 additional machines



Temperature control



PH-management



REDOX-management



Free chlorine management



DESCRIPTION	UV 16	UV 33
Intensity	0-100%	
Salt concentration	From 1,5 gr to 100 gr Na/Cl	
m3 Pool (up to 28°C)	65m ³	200m ³
m3 Pool (+28°C)	40m ³	125m ³
Display	2,8" TFT mobile (20m) color display (5 languages)	
Power supply	220V 50/60 Hz	
Outlet	8-15A	10-15A
Maximum consumption	230w	260w
Dimensions millimeter (AxBxC)	270 mm x 220 mm x 115 mm	
Electronic box	Fireproof plastic ABS black	
Front cover	Plastic ABS purple	
Electronic	Microprocessor 32 bit	
Intensity control	Ampere + Volt	
Ventilation	Fan	
Automatic cleaning	Programmable from 1 to 24 hours	
Flow switch	Gas sensor	
Hour counter	Yes - accessible by client	
Control production of disinfection	From 0 to100%	
Alarms	Insufficient salt / no flow / PH metering / PH extremely high or low / PH max. metering time / memory error	
Display salt concentration	Detects gr salt / l (precision ± 10%)	
Production control by pool cover	Programmable 0-100% production of disinfection depending on pool cover open or closed	
Production control by ext. signal	Programmable 0-100% production of disinfection depending on external signal (2nd analog. inlet)	
Communication	MODBUS / WIFI	
Control main outputs	Filtration time / light / temperature	
Control additional outputs	4 relays for the control of 4 additional machines for the pool	

HYDROLYSIS/ELECTROLYSIS CELL



Self-cleaning



Life time guaranteed



Programmable polarity change



Transparent PVC holder



Security sensor



Cells for all pool sizes



DESCRIPTION	UV 16	UV 33
Hydrolysis/Electrolysis cell	4 Titanium cell plates MONOPOLAR	7 Titanium cell plates BIPOLAR
Minimum flow (m3/h)	5	9
Dimension cell plates (Cx D)	200x45	200x45
Material cell housing	PVC plastic transparent	
Cell fastener	Thread for an easy installation	
Diameter tube connection (A)	63 mm	
Dimension cell (B-E-F)	355 mm x 305 mm x 305mm	
Cell cable size	(3 x 4) x 1,5 m	
Gas sensor	Incorporated in the cell	
Maximum pressure	4 Kg /cm ²	
Maximum temperature	45°C	

ULTRAVIOLET



DESCRIPTION	UV 16	UV 33
Dimensions	1000 x 375 mm	
Connection	63 mm	
Material	PVC: UV-resistend	
Watt	2 x 55w	

AUTOMATIC CONTROLS



DESCRIPTION	pH	Redox	Free chlorine	Conductivity	Temperature
REFERENCE	B	E	H	I	T
Type of probe	Epoxi	Epoxi	Amperometric (Au-Cu)	Epoxi	Thermometer
Measuring range	0-14 pH	0-1000 mV	0-10 ppm	0-20,000 MS	0-100° c
Measuring precision	0,1 pH	1-3 mV	0,10 ppm	10 MS / 100 MS	1° c
Material	Ag/Cl	Gold	Copper / gold		Stainless steel
Probe holder	ABS 50/63mm				
Supplementary equipment			Includes 2m of flexible tube/valve		
Cable	2 m				
Plug	BNC with protection	BNC with protection	Connectors	Connectors	Connectors

DIMENSIONS

