

# UVSCENIC

LOW SALINITY ELECTROLYSIS,  
HYDROLYSIS AND UV TECHNOLOGY

Innovative combination of UV rays  
and low salinity electrolysis

- ▶ **UV rays eliminate 99% of the algae,** bacteria and micro organisms
- ▶ **Low salt electrolysis** insures the chlorine production to maintain the pool cleanliness and free of germs
- ▶ Controls and regulates pH, Redox and free chlorine
- ▶ **Controls filtration,** lighting, pH, Redox + 4 auxiliaries
- ▶ Temperature control
- ▶ **Option: remote control** (wifi + app)
- ▶ **Usage:** especially suitable for liner pools ans and pools with higher water temperatures

**Technical description:** UVscenic system employs two principles of disinfection for perfect water sterilization, without without needing to add any type of chemicals. On the one hand it generates oxidants through low electrolysis Salinity (from 1.5 g of NaCl / l), on the other hand subjects the water to UV-C radiation that helps additionally to neutralize bacteria, viruses and other primary organisms including chloramines



Non contractual photography



Self cleaning Cell



Cell warranty



Polarity change programming



PVC Transparent support



Security sensor included



UV Lamp

**ELECTRONIC UNIT**

DESCRIPTION	UV 16	UV 33	UV 50
Intensidad		0-100%	
Salinity	From 1.5 g to 100g de NaCl/l		
Pool Volume m <sup>3</sup> (up to 28°C)	65 m <sup>3</sup>	100 m <sup>3</sup>	200 m <sup>3</sup>
Pool Volume m <sup>3</sup> (+28°C)	40 m <sup>3</sup>	80 m <sup>3</sup>	125 m <sup>3</sup>
Display	2.8" TFT full color removable screen for remote installation (12 languages)		
Power supply	220 V 50/60 Hz		
Output	8-15 A	8-20 A	10-15 A
Maximum consumption	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 lilac 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	UV 16	UV 33	UV 50
Saline electrolysis cell	5 titanium plates	7 titanium plates	10 titanium plates
Minimum flow	5 m <sup>3</sup> /h	9 m <sup>3</sup> /h	11 m <sup>3</sup> /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 <sup>2</sup>		
Maximum temperature	45°C		

**ULTRAVIOLET**

DESCRIPTION	UV 16	UV 33	UV 50
Dimensions	1000 x 375 mm		
Connection	63 mm		
Material	UV resistant PVC		
Watts	2 x 55 w		