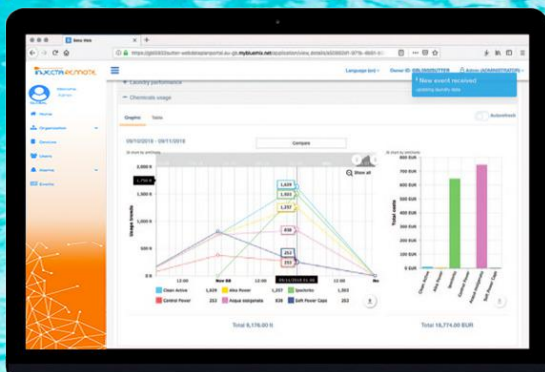




POOL 2023

i n n o v a t i v e s o l u t i o n s f o r s w i m m i n g p o o l s

READILY AVAILABLE OPERATING PARAMETERS



”

VARIOUS SOLUTIONS FOR THE DOSING OF CHEMICALS IN THE POOL:

*Latest-generation systems for
a complete pool control*

PRIVATE SWIMMING POOL: Single or double systems for a full control of chemical parameters in private pools. A simple and accurate solution for a "Perfect Dosing"

SEMI-PUBLIC SWIMMING POOL: Single or double integrated systems for the control of chemical parameters inside semi-public swimming pools, with direct chlorine reading in PPM

PUBLIC SWIMMING POOL: Professional solutions for the dosing and maintenance of chemical values in the pool, according to current regulations; instant parameters reading and connectivity at the service of plant operators



NIKE PH

DOSING SYSTEM FOR PH POOL

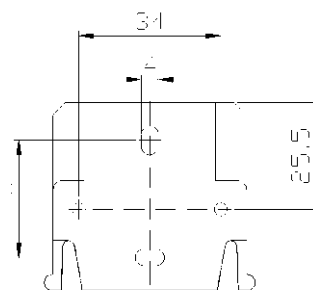
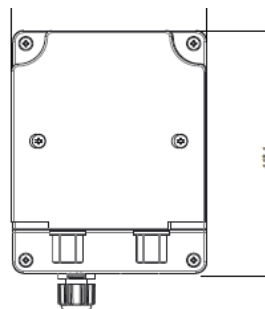
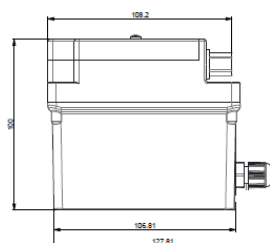
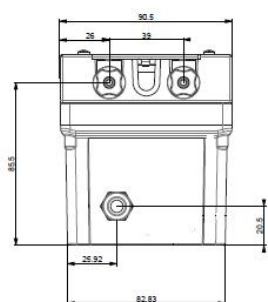
▶ PRIVATE SWIMMING POOL



MAIN FEATURES

- Power supply 100÷240 Vac
- 4-digit/7-segment display
- Bnc connector for pH probe
- 3 positions switch: Priming, ON, Stand by
- Flow rate: 1.5 l/h
- Pressure: 1.5 bar
- pH range: 6 ÷ 8 pH (sensitivity: 0.1 pH)
- On-off dosing method (adjustable set point)
- Calibration method: pH 1 Point

DIMENSIONS



TECHNICAL CHARACTERISTICS

CONSUMPTION	WEIGHT	TUBE	RANGE	FLOW RATE	PRESSURE	POWER SUPPLY
12 w	1 kg.	Santoprene 6 x 10 mm	6 ÷ 8 Ph	1.5 l/h	1.5 bar	100÷240 Vac

NIKE PH

DOSING SYSTEM FOR SWIMMING POOL

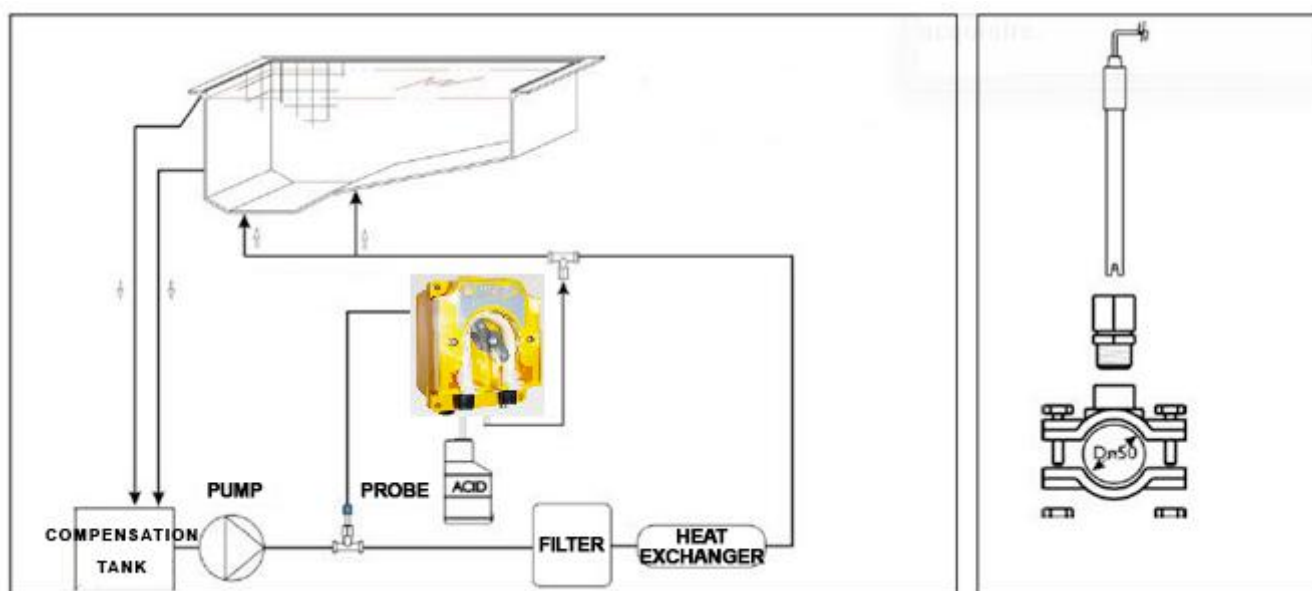
▶ PRIVATE SWIMMING POOL

INSTALLATION KIT

- Pump
- Probe
- Bracket for wall mounting
- 7 pH buffer solution for probe calibration
- Probe holder bracket
- Probe holder
- Ceramic foot filter
- PP non return injection valve
- 2 mt. PVC suction tube (4 x 6 mm)
- 2 mt. PE delivery tube (4 x 6 mm)



EXAMPLE OF INSTALLATION



NIKE RX

DOSING SYSTEM FOR SWIMMING POOL

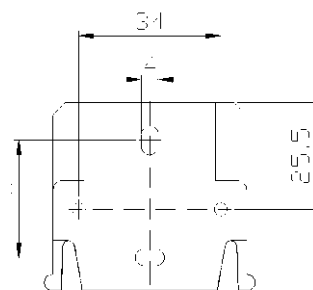
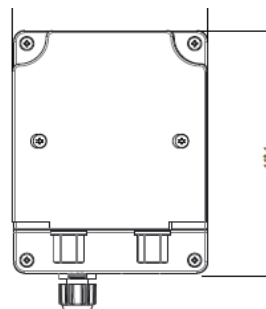
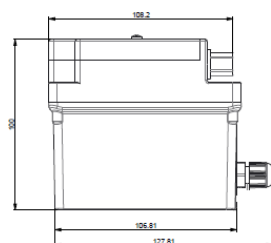
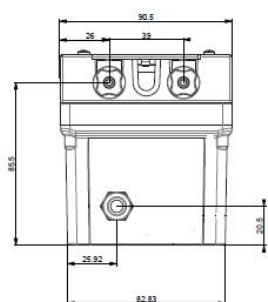
▶ PRIVATE SWIMMING POOL



MAIN FEATURES

- Power supply 100÷240 Vac
- 4-digit/7-segment display
- Bnc connector for Redox probe
- 3 positions switch: Priming, ON, Stand by
- Flow rate: 1.5 l/h
- Pressure: 1.5 bar
- pH measuring range: -990 ÷ 990 mV
- On-off dosing method (adjustable set point)
- Calibration method: Redox 1 Point

DIMENSIONS



TECHNICAL CHARACTERISTICS

CONSUMPTION	WEIGHT	TUBE	RANGE	FLOW RATE	PRESSURE	POWER SUPPLY
12 w	1 kg.	Santoprene 6 x 10 mm	-990 ÷ 990 mV	1.5 l/h	1.5 bar	100÷240 Vac

NIKE RX

DOSING SYSTEM FOR SWIMMING POOL

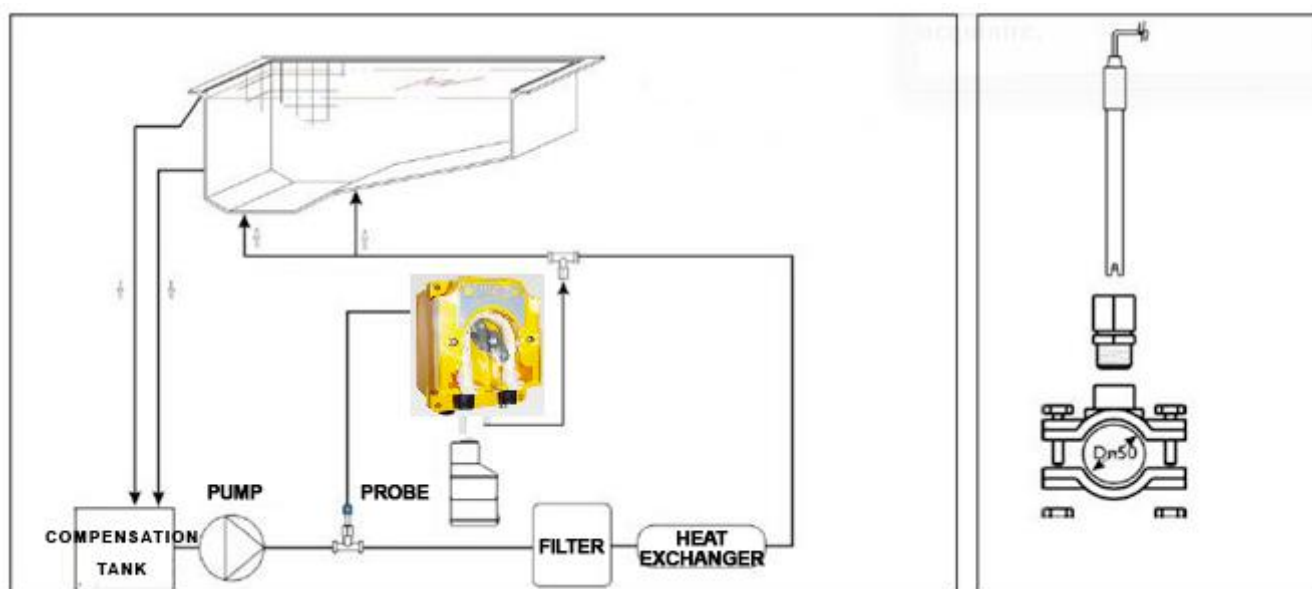
▶ PRIVATE SWIMMING POOL

INSTALLATION KIT

- Pump
- Probe
- Bracket for wall mounting
- 465 mV buffer solution for probe calibration
- Probe holder bracket
- Probe holder
- Ceramic foot filter
- PP non return injection valve
- 2 mt. PVC suction tube (4 x 6 mm)
- 2 mt. PE delivery tube (4 x 6 mm)



EXAMPLE OF INSTALLATION



ELITE PH

SINGLE DOSING SYSTEM

PRIVATE SWIMMING POOL



MAIN FEATURES

- Digital system for pH/Rx control through a peristaltic pump
- 12x2 display (blue/white)
- 240 VAC tension input



TECHNICAL CHARACTERISTICS

RANGE	FLOW RATE	PRESSURE	POWER SUPPLY
6.2 ÷ 8.0 pH	1.5 l/h	1.5 bar	100÷240 Vac

ELITE PH/RX

DOUBLE DOSING SYSTEM

PRIVATE SWIMMING POOL



MAIN FEATURES

- Digital system for pH/Rx control through 2 peristaltic pumps
- 12x2 display (blue/white)
- 240 VAC tension input
- Schuko socket standard



TECHNICAL CHARACTERISTICS

RANGE	FLOW RATE	PRESSURE	POWER SUPPLY
0 ÷ 14.0 pH	1.5 l/h	1.5 bar	100÷240 Vac
0 ÷ 1000 mV	1.5 l/h	1.5 bar	100÷240 Vac



STERIL

SALT STERILIZER

► PRIVATE SWIMMING POOL



MAIN FEATURES

- Self-cleaning system. Possibility to set automatic polarity change
- Based on the principle of electrolysis
- Salt is transformed into sodium hypochlorite
- System equipped with resettable safety device
- Automatic system lock in case of alarm
- High-tech self-cleaning titanium electrodes
- Backlit blue screen
- Available models: 15-20-35 gr/h
- Microprocessor controlled system
- Power supply: 230 Vac



STERIL

SALT STERILIZER

▶ PRIVATE SWIMMING POOL

TECHNICAL FEATURES				
Model		STERIL 15LCD	STERIL 20LCD	STERIL 35LCD
Chlorine Production		15 gr./h	20 gr./h	35 gr./h
Power Consumption		250 Watts Max		
Swimming pool capacity	Cool Climate	50 m ³	100 m ³	200 m ³
Power supply specifications	Power supply specification	Input voltage: 220-240 V AC – Output voltage: 7.5 V DC		
	Control unit dimensions	250 mm x 308 mm x 89 mm		
	Cell unit dimensions	300 mm (length) x 160 mm (diameter)		
	Package dimensions	460 mm x 430 mm x 220 mm (6 Kg.)		
	Display and controls	Alphanumeric backlit display showing the instantaneous percentage production, the polarity setting and the flow alarm. Through the buttons ▼/▲ it is possible to modify the production value. The MENU & ENTER buttons allow to set the operating parameters, such as polarity inversion, contrast and language. It is also possible to access to a diagnostic menu to check the status of the system		
Cell specifications	Cell material	Special titanium-coated electrodes		
	Electrode holder	Transparent acrylic electrode holder for an immediate check of the cell, tested at max pressure of 5 bar		
	Cell cleaning	Programmable self-cleaning system (polarity inversion and cleaning time ranging from 2 to 8 hours)		
	Recommended water flow	3 - 7.5 lt/sec.		
Electrical protection		Primary power supply protection: Protected Ballast and Voltage regulator. Secondary power supply protection: Constant current control, flow cut-off detection system.		
Maintenance		Periodic cell cleaning depends on the particular kind of installation of the system		

HYDRA PR

ELECTROMAGNETIC DOSING PUMP

▶ PRIVATE SWIMMING POOL



MAIN FEATURES

- Digital electromagnetic dosing pump with manually adjustable flow rate and proportional dosing based on the measured pH or the ORP value. Temperature compensation
- PT 100 temperature probe (on request)
- Remote input ON-OFF signal



ELITE PR

DOSING SYSTEM

SEMI-PUBLIC SWIMMING POOL



MAIN FEATURES

- Digital system for pH/Rx control through 2 peristaltic pumps
- 12x2 display (blue/white)
- 240 VAC tension input
- Schuko plug standard



TECHNICAL CHARACTERISTICS

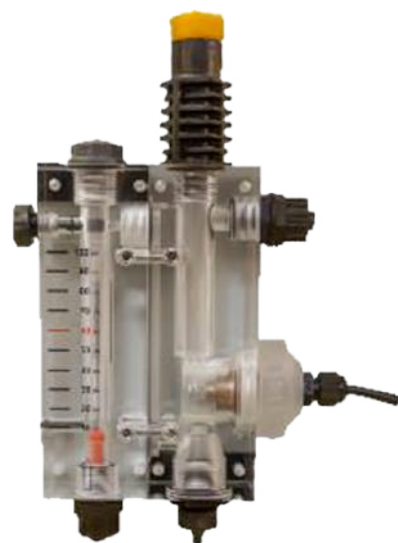
RANGE	FLOW RATE	PRESSURE	POWER SUPPLY
0 ÷ 14.00 pH	1.5 l/h	1.5 bar	100÷240 Vac



ELITE PRC

DOSING SYSTEM

▶ SEMI-PUBLIC SWIMMING POOL



MAIN FEATURES

- Digital system for Cl/pH adjustment through 2 peristaltic pumps, redox only reading/alarm
- Free chlorine measurement through an amperometric probe
- 16x2 display (blue/white)
- 240 VAC tension input



RANGE	FLOW RATE	PRESSURE	POWER SUPPLY
0 ÷ 14.00 pH	1.5 l/h	1.5 bar	100 ÷ 240 Vac
0 ÷ 1000 mV			
0-5 PPM Cl	1.5 l/h	1.5 bar	



HELIOS 01

AUTOMATIC CONTROL SYSTEM

▶ SEMI-PUBLIC SWIMMING POOL



MAIN FEATURES

Digital panel composed of:

- Digital electromagnetic pumps equipped with built-in pH/Rx measurement instrument (Athena PR Series)
- pH probe holder, Redox probe and low-level probe
- By-pass probe holder equipped with plexiglass flow sensor
- Filter
- PVC panel (40x60 cm)
- Buffer solution (pH-Redox)
- All components are assembled and cabled



ATHENA PR

ELECTROMAGNETIC DOSING PUMP

▶ SEMI-PUBLIC SWIMMING POOL



MAIN FEATURES

- Proportional flow rate digital pump equipped with pH/Rx instrument
- Measurement pH range: ± 14 / Rx range: $-999 \div 999$ mV
- Manual/automatic temperature compensation (pH)
- $4 \div 20$ mA output associated to all the measurement ranges
- Manual/automatic calibration with probe efficiency evaluation
- New function to set delayed dosing time
- Sometimes, when switching the pump on, it is necessary to wait for the chemical stability before making a correct dosing. The operation will be easier if using the specific timer, through which it is possible to delay the dosing after switching the pump on.



HELIOS 05

AUTOMATIC CONTROL SYSTEMS

► PUBLIC SWIMMING POOL



HELIOS.05 CL
Without pump



HELIOS.05 CL
with 1x AT.AM 02



HELIOS.05 PC
with 2x AT.AM 02

MAIN FEATURES

The digital panel includes:

- Analogue multifunction dosing pumps (Athena AM Series)
- Multiparameter control unit (Nexus 7000 Series)
- pH probe, chlorine probe with adjustable flow sensor, sample analysis faucet, cartridge filter
- Low-level probes
- PVC panel (80 x 60 cm)
- Buffer solution (pH-Redox)
- All components are assembled and cabled
- Potentiostatic Chlorine version available
- Potentiostatic probe not included for the Potentiostatic version



TECHNICAL CHARACTERISTICS

HELIOS 05 CL with AT AM 02 100 ÷ 240 Vac
HELIOS 05 CL without pumps 100 ÷ 240 Vac
HELIOS 05 PC con - with AT AM 02 100 ÷ 240 Vac
HELIOS 05 PH-CL without pumps 100 ÷ 240 Vac
HELIOS 05 CL Potentiostatic, without pumps

CONVERTER BOX

INJECTA CONNECTIVITY PLATFORM CONVERTER BOX

► PUBLIC SWIMMING POOL



MAIN FEATURES

This device can be directly connected to some of the INJECTA products equipped with ModBus serial port.

Converter Box creates the interface between multiple ModBus devices and the Wifi or the LAN, and therefore the web.

Converter Box can be used with any available internet connection. Once configured and installed, the users who have the appropriate log-in credentials can directly access the devices through the Injecta-Remote web portal. In order to correctly connect Converter Box to the products, users will find a useful installation guide making the process quick, simple and direct. Once installed, the devices can be identified within the web portal. Converter Box can manage up to 10 devices in the same wired ModBus RS485 network. Currently available for the Helios05 (Nexus 7000) product families.



KIT INCLUDED



MULTILANGUAGE
MANUAL



CONNECTIVITY



EASY
INSTALLATION



RoHS
COMPLIANT



RECYCLABLE
PACKAGING

CHLORINE METER

MULTIFUNCTION INDUSTRIAL CHLORINE METER

► PUBLIC SWIMMING POOL



MAIN FEATURES

- Output relay programmable as set point; maximum and minimum alarms, PWM proportional adjustment overtime, PFM proportional pulse regulation, self-cleaning
- Possibility of low voltage 24V for dosing pumps or solenoid valves, with or without other transformers, and with safety voltage
- Galvanic separation between microprocessor/inputs and current outputs
- OFF inlet to switch off the control relay and to stop the chlorine meter cycle; possible FLW input to control the water flow inside the instrument; output for the remote control of correct functioning
- The display shows: alarms and errors (diagnostic), date/hour (always present, also without power supply), with the possibility to start/stop the chlorine meter functioning at pre-set hours
- Internal memory for data storage
- RS232C serial output for PC, PLC interface/setting available on a 9-pin CANNON female connector or terminal block upon request

TECHNICAL CHARACTERISTICS

RANGE	Cl 0÷6 ppm Cl/pH 0÷6 ppm / 00÷6 ppm 14 pH Cl/pH/Rx/T° 0÷6 ppm / 0÷14 pH / 0÷2000mV / 0÷100 °C
POWER SUPPLY	220/230 VAC 50-60 Hz ±10%



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