WATER TREATMENT FOR COLLECTIVE SWIMMING POOLS



SUMMARY

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CHLORINE/PH DOSING AND REGULATION

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NEW BOX DESIGN

When performance meets elegance



- External IP67 power supply to decrease internal heat
- Enhanced thermal management
 Fireproof ABS material by conduction thanks to a baseplate
- Better waterproofing with a new enclosed design





• Redesigned fixation system 4 support points for perfect stability

- Secure box with 2 locking latches
- Integrated bubble level for easy positionning



- New interface with wide-angle display
- Touch-keyboard for intuitive navigation
- Colour-coded display of the pool status : blue: optimal water quality orange: information message red: alarm



AUTOMATIC CHLORINE AND pH Dosing and regulation

Pool Technologie designs, develops and manufactures chlorine and pH dosing systems for public swimming pools (campsites, hotels, water parks). Mounted on panel, these devices are equipped with the latest technological innovations:

- More accurate inverter regulation and dosage
- More powerful on-board electronics
- Interface equipped with a 4.3 inch HD wide angle display and a capacitive keypad
- Bluetooth connectivity

Designed to cope with higher disinfection demands at all times, the Pro Dosing^{*}, Pro pH^{*} and Pro Regul^{*} ranges provide pH correction and disinfectant regulation. The main advantages of this product line are without doubt its ease of use, user-friendliness and proven technology.

THE DOSING & REGULATION PANELS

Reliability

- Precise water control
- High quality, factory tested and calibrated probes
- Constant chlorine level to ensure optimal disinfection

Simplicity

- Automatic disinfection in all circumstances
- Easy to install thanks to pre-mounted panel systems
- Quick installation menu
- Easy maintenance: plug-in connections, screwless opening, etc

Safety

- Safe technology that limits the handling of chemicals
- Electronic safety against overdosing
- Constant display of pH / Redox / Free chlorine values
- Remote control thanks to various connected solutions (e-Pool^{*} and e-Pool^{*} Connect)

Savings

- Automatic and proportional dosing according to the pool's needs
- Optimisation of disinfectant product consumption
- Protection and extension of the equipment's lifespan



SALTWATER CHLORINATION AND IN LINE CHLORINE GENERATION

Thanks to its expertise in the saltwater treatment of family pools, Pool Technologie has developed a range that is perfectly adapted to private and public pools: Pro Salt^{*} and Pro Salt^{*} LTE.

Starting with slightly salted water (7 times less than sea water), Pro Salt^{*} instantly transforms the salt into natural chlorine (also called hypochlorous acid) thanks to its titanium electrodes. This active chlorine produced is a powerful disinfectant, eliminating pathogenic micro-organisms (bacteria, viruses, algae...) with great efficiency.

Once its disinfectant mission has been accomplished and under the effect of UV rays, the salt automatically recombines before being transformed back into chlorine. The main benefits of saltwater chlorination for public pools are without doubt the incomparable comfort of bathing and the consistently crystalline quality of the water and low cost of operation.

PRO SALT[®] & PRO SALT[®] LTE

Better water and air quality

- Partial or total destruction of chloramines, responsible for chlorine vapours and allergies
- A constant and stready chlorine rate to guarantee the optimal disinfection and the elimination of harm linked to overdosing

Respect for the environment

- Elimination of all problems related to the transport, storage and handling of packaged chlorine: cartridge masks, risks of explosion, containment of the chlorine storage area
- Less dangerous for the people handling the products, the Pro Salt[®] and Pro Salt LTE[®] solutions are eco friendly

Cost-effective solution

- Significant reduction in transport and storage costs, elimination of chemicals
- Low cost of use, salt is half the price of chlorine packaged, storage in large quantities
- Drastic reduction in delivery times and constraints linked to the regulation of chemicals storage
- Possibility of treating larger pools (1000m^{3*})
 *Depends on the conditions of use, geographical location and frequentation

A turnkey solution

• Easy to install in any type of technical room thanks to the minimal space requirement of the solution



On site CHLORINE GENERATION

The use of packaged chlorine for disinfecting public pools, whether liquid, solid or gaseous, has many drawbacks today:

- Product hazard
- Alteration of the quality of the chlorine over time
- High operating and transport costs
- Regular maintenance of installations
- Non-negligible environmental impact

Pool Technologie off-line chlorine generators allow you to produce chlorine on site from salt and softened water, in a cost-effective way and independently. This solution brings all the benefits of saltwater chlorination without adding any salt to the pool. Indeed, the chlorination cell is not integrated in the hydraulic circuit but housed in a reactor installed in the technical room. Only a chlorine solution is produced and stored in a secured storage tank. The salt concentration of the waste water is therefore negligible.



iPOQLOR° COMPACT & iPOQLOR°

Safety

- No more transport/storage of hazardous materials
- No more handling of hazardous chemicals
- No chlorine vapour emission
- Remote monitoring with Connect Pro (iPOQLOR*) and e-Pool* app (iPOQLOR* Compact)

Savings

- Low cost of salt and chlorination
- Reduced labour

Simplicity

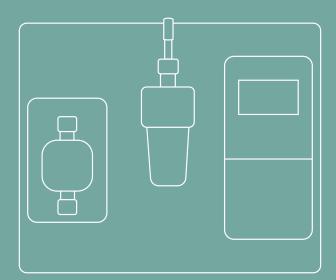
- Plug & Play commissioning
- Low maintenance
- Integration into existing installations

Quality & environment

- On-site production of fresh chlorine with a constant concentration without degradation over time
- Less clogging of injection points due to the low mineral concentration of the solution produced
- Less chloramines
- Negligible salt concentration in the waste water
- Less recycling of chemical drums

Health and respect for the bather

- No more eye irritation
- No more skin dryness
- No more chlorine smell
- No more deterioration of swimwea



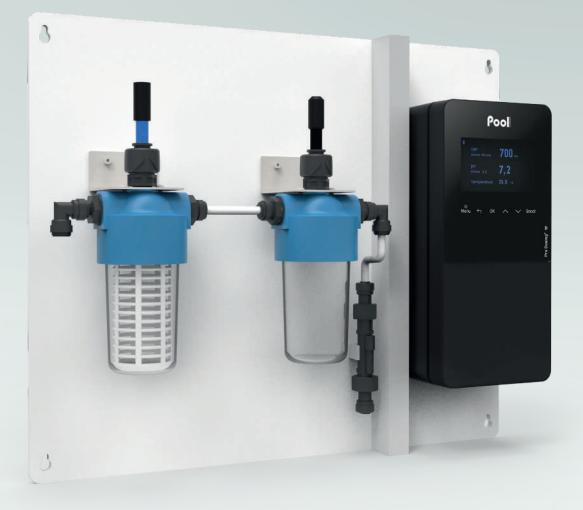
DOSING AND REGULATION Chlorine/pH



Pro Dosing® ORP

Automatic dosage + pH regulator

+ ORP control





	pH and chlorine injections proportional to the differ
S	between the set points and the probes measuremen
F	Panel mounted system ready to install, easy to commission
ш.	Choice of pumps according to your needs 2 different technologies from 0.5 I/h to 110 I/h
ш	High quality pH Blue and ORP Gold probes factory tested and calibrated
Ζ	
ш	Limits the risk of over-chlorination and protects equipments (cover, liner, etc.)
8	Intuitive navigation



Connectivity e-Pool® app and connected pool compatible

ence

FEATURES

Automatic chlorine dosage by ORP probe

Proportional pH regulation in acid (pH-) or basic (pH+) mode

Injection cycle settings, ORP and pH setpoints ranges, high/low alarm thresholds

Log of events

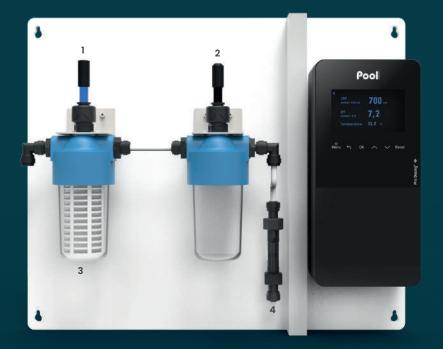
Multilingual communication interface

Alarm messages: origin of the malfunction indicated by a written message

Safeties and information: high and low ORP and pH values, ORP and pH setpoints not reached, ORP and pH setpoints ranges overrun, Cl and pH cans empty

TECHNICAL SPECIFICATIONS

Screen: IPS HD panel Disinfectant dosage: liquid chlorine Intelligent injection: by ORP control Type of chlorine regulation: proportional ORP setpoint adjustment: 200 to 900 mV ORP probe: Gold Correction product: pH- or pH+ Type of pH regulation: proportional pH set point adjustment: 6.8 to 7.6 pH probe calibration: 2 points pH 7 and pH 10 pH probe: Blue Box dimensions: W 140 x H 300 x D 97 mm Panel dimensions: W 545 x H 450 x D 110 mm



1 pH Blue probe MESU003003-PDC

2 ORP Gold probe MESU003206-PDC

3 Pre-filter with cartridge washable polyester 50 μm

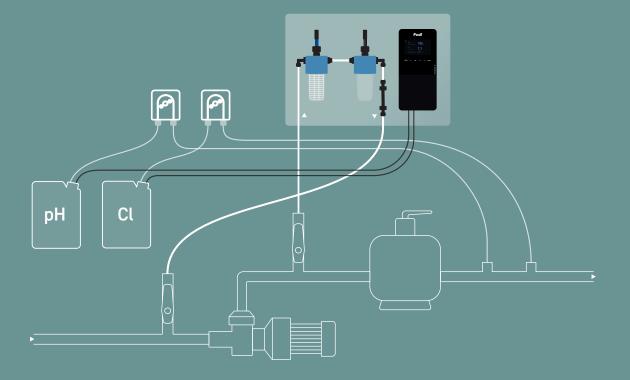
4 Integrated flow sensor to guarantee ORP and pH values

PERISTAI		ELECTRON
Flow (L/h)	Reference	Flow (L/h)
0,5	OPT23PER05	5
6	OPT23PER6	10
12	OPT23PER12	22
		40 /110

ELECTROMAGNETIC PUMP

Reference
OPT23MAG5
OPT23MAG10
OPT23MAG22
OPT23MAG40

PRINCIPLE DIAGRAM



CONTENT

Panel-mounted electronic box and pH/ORP measuring chamber ORP measuring chamber connection kit ORP Gold probe ORP calibration solution 475 mV pH Blue Probe pH 7 & pH 10 calibration solutions pH and Cl injection fitting Measuring chamber flow sensor Suction pipe with empty pH can sensor Suction pipe with empty Cl can sensor Power cable (2 m)

WARRANTIES

Box: 2 years ORP Gold probe: 1 year pH Blue probe: 1 year

REFERENCE

DOOP23POOC-G5

Pro Dosing® Ampero

Automatic dosage + pH regulator

+ amperometric regulation





S	Highly accurate free chlorine measurement with high-quality amperometric probe
F	pH and chlorine injections proportional to the differen between the set points and the probe measurements
ш.	Panel mounted system ready to install, easy to commission
ш Z	Choice of pumps according to your needs 2 different technologies from 0.5 I/h to 110 I/h
ш	Limits the risk of over-chlorination and protects equipments (cover, liner, etc.)
8	Intuitive navigation



Connectivity e-Pool® app and connected pool compatible

се

FEATURES

Proportional chlorine dosing control by amperometric probe

Proportional pH control in acid (pH-) or basic (pH+) mode

Settings: injection cycles, chlorine/pH setpoints ranges, high/low thresholds, alarms

Log of events

Multilingual communication interface

Alarm messages: origin of the malfunction indicated by written message

Safeties and information: high and low CI and pH values, CI and pH setpoints not reached, CI and pH setpoints ranges exceeded, empty CI and pH cans

TECHNICAL SPECIFICATIONS

Screen: IPS HD panel Correction product: pH- or pH+ Type of pH regulation: proportional pH set point adjustment: 6.8 to 7.6 pH probe calibration: 2 points pH 7 and pH 10 pH probe: Blue Disinfectant dosage: liquid chlorine Type of regulation CI: proportional Free chlorine set point adjustment: 0.1 to 8 ppm CI sensor: Chlorine Fresh Box dimensions: W 140 x H 300 x D 97 mm Panel dimensions: W 545 x H 450 x D 110 mm



- 1 Pre-filter with cartridge washable polyester 50 µm
- 2 pH Blue probe MESU003003-PDC
- 3 Chlorine Fresh probe MESU003105-PDC2
- 4 Measuring chamber made of transparent PMMA
- 5 Integrated flow sensor to guarantee CI and pH values

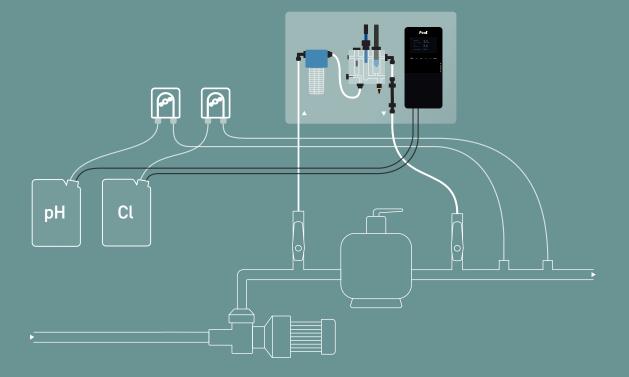
PERISTALTIC PUMP Flow (L/h) Reference 0,5 OPT23PER05 6 OPT23PER6 12 OPT23PER12		
0,5 OPT23PER05 6 OPT23PER6	PERISTA	
0,5 OPT23PER05 6 OPT23PER6		
0,5 OPT23PER05 6 OPT23PER6		Poforonco
6 OPT23PER6		Reference
6 OPT23PER6		
	0,5	OPT23PER05
12 OPT23PER12	6	OPT23PER6
	12	OPT23PER12

ELECTROMAGNETIC PUMPFlow (L/h)Reference5OPT23MAG510OPT23MAG1022OPT23MAG22

OPT23MAG40

40 /110

PRINCIPLE DIAGRAM



CONTENT

Panel-mounted electronic box and Ampero/pH measuring chamber Amperometric measuring chamber connection kit Chlorine Fresh probe pH Blue Probe pH 7 & pH 10 calibration solutions pH and Cl injection fitting Measuring chamber flow sensor Suction pipe with empty pH can sensor Suction pipe with empty Cl can sensor Power cable (2 m)

WARRANTIES

Box: 2 years pH Blue probe: 1 year Chlorine Fresh probe: 1 year

RÉFÉRENCE

DOAP23POOC-G5







S	pH injection proportional to the difference between the setpoints and the probe measurement
-	Panel mounted system ready to install, easy to commission
ш	Choice of pumps according to your needs 2 different technologies from 0.5 I/h to 110 I/h
ш Z	Integrated flow sensor to ensure safe operation
ш	High-quality pH Blue probe factory tested and calibrated
0	Intuitive navigation



Connectivity e-Pool® app and connected pool compatible

FEATURES

Proportional pH control in acid (pH-) or basic (pH+) mode

Settings: injection cycles, pH setpoint ranges, high/low thresholds

Log of events

Multilingual communication interface

Alarm messages: origin of the malfunction indicated by written message

Safeties: pH set point range exceeded and overrun

TECHNICAL SPECIFICATIONS

Screen: IPS HD panel Correction product: pH- or pH+ Type of pH regulation: proportional pH set point adjustment: 6.8 to 7.6 pH probe calibration: 2 points pH 7 and pH 10
pH probe: Blue
Box dimensions: W 140 x H 300 x D 97 mm
Panel dimensions: W 545 x H 450 x D 110 mm



1 pH Blue probe MESU003003-PDC

2 Pre-filter with cartridge washable polyester 50 µm

3 Integrated flow sensor to guarantee pH value

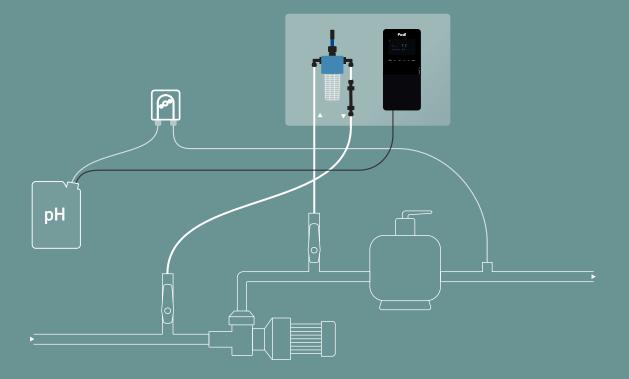
	PER	ISTAL	TIC I	PUMP
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Reference
OPT23PER05
OPT23PER6
OPT23PER12

ELECTROMAGNETIC PUMP

Flow (L/h)	Reference
5	OPT23MAG5
10	OPT23MAG10
22	OPT23MAG22
40/110	OPT23MAG40

PRINCIPLE DIAGRAM



CONTENT

Panel-mounted electronic box and pH measuring chamber pH Blue Probe pH 7 & pH 10 calibration solutions pH injection fitting Measuring chamber flow sensor Suction pipe with empty pH can sensor Power cable (2 m)



Box: 2 years pH Blue probe: 1 year

REFERENCE

REGU23POOC-G5

Pro Regul[®] Ampero

Amperometric regulator + pH regulator

for saltwater chlorinator





Pro Regul® can be paired with a chlorinator or a dosing pump (liquid chlorine) with a Chlore Fresh or Chlore Salt probe depending on the type of device.



S	Analysis and regulation using a chlorine probe specially developed for saltwater chlorination
⊢ _	pH injection proportional to the deviation between the setpoints and the probe measurement
LL.	Panel-mounted system ready to install, easy to commission
ш Z	High quality pH Blue and CI Salt probes factory tested and calibrated
ш	Limits the risk of over-chlorination and protects equipments (cover, liners, etc.)
8	Intuitive navigation

on a wide-angle screen

Connectivity e-Pool® app and connected pool compatible

FEATURES

Chlorine production control by amperometric probe

Proportional pH regulation in acid (pH -) or basic (pH+) mode

Display of water temperature and salt level

Settings: pH injection cycles, pH and CI setpoints ranges, high/low thresholds, alarms

Log of events

Multilingual communication interface

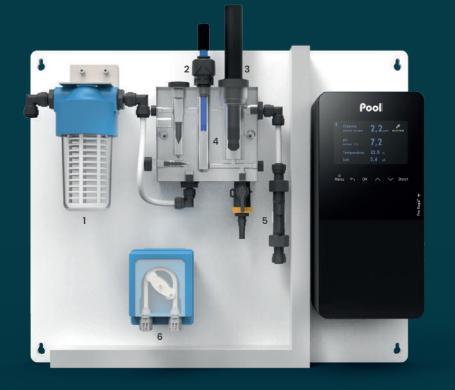
Alarm messages: origin of the malfunction indicated by a written message

Safeties and information: high and low Cl and pH values, Cl and pH setpoints not reached, Cl and pH setpoint ranges exceeded, pH can empty

TECHNICAL SPECIFICATIONS

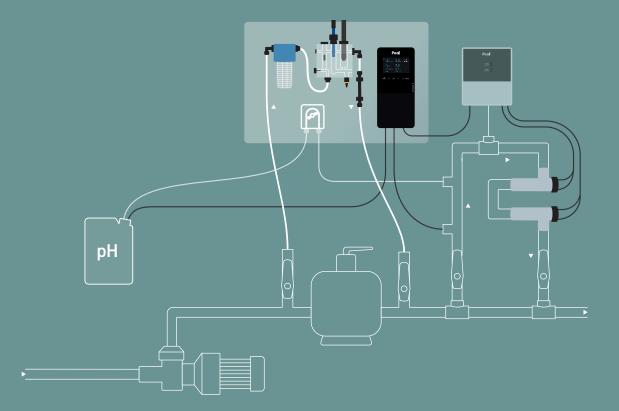
Screen: IPS HD panel
Correction product: pH- or pH+
Type of pH regulation: proportional
pH set point adjustment: 6.8 to 7.6
pH probe calibration: 2 points pH 7 and pH 10

pH probe: Blue
Free chlorine set point adjustment: 0.1 to 8 ppm
Cl probe: Chlorine Salt
Box dimensions: W 140 x H 300 x D 97 mm
Panel dimensions: W 545 x H 450 x D 110 mm



- 1 Pre-filter with cartridge washable polyester 50 µm
- 2 pH Blue probe MESU003003-PDC
- 3 Chlorine Salt probe MESU003104-PDC2
- 4 Measuring chamber made of transparent PMMA
- 5 Integrated flow sensor to guarantee pH value
- 6 Peristaltic pump 6 L/h

PRINCIPLE DIAGRAM



CONTENT

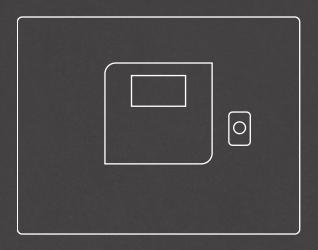
Panel-mounted electronic box and Ampero/pH measuring chamber + peristaltic pump 6l/h Amperometric measuring chamber connection kit Chlorine Salt probe pH Blue Probe pH 7 & pH 10 calibration solutions pH injection fitting Salt/temperature sensor + saddle clamp Ø 63 mm Measuring chamber flow sensor Suction pipe with empty pH can sensor Power cable (2 m)

WARRANTIES

Box: 2 years pH Blue probe: 1 year Cl Salt probe: 1 year

REFERENCE

COAP23POOC-G5



SALTWATER CHLORINATOR & IN LINE CHLORINE GENERATOR



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Pro Salt® LTE

Saltwater chlorinator

Production capacity : 50 to 150 g/h





	High chlorine production capacity thanks to MX cells technology
T S	Integrated flow sensor to ensure safe operation
- L	Independent electrode management with dedicated interfact providing production safety if one of the cells fails (100 g/h and 150 g/h models)
ш	Chlorine production adjustable from 0 to 10
z	Intuitive navigation on LED display
ш	Alarms by indicator light: no flow, low salt, cell fault, short circuit
8	Easy to use
	Easy installation and assembly

e

FEATURES

Smart Power: current monitoring ensuring stable production

Self-cleaning cell with polarity inversion memory adjustable according to the water hardness

Boost mode: 100% super chlorination for 24 hours to overcome an increased need of disinfectant

Operates for any salinity above 2,5 g/L without high limit

TECHNICHAL SPECIFICATIONS

Display: LED display Cell mounting: T-shaped Max voltage: 20 V Cell orientation: horizontal Maximum pressure in the cell: 3 bars Cell length 50: 302 mm Cell length 75: 406 mm Maximum flow rate in the cell: 22m³ or By-pass Pipe connection diameter: 63 mm Maximum water temperature: 40°C Cell lifetime: 10000 hours Minimum salt concentration required: 2.5 g/L Maximum electrode current: <20A Box dimensions: W 266 x H 363 x D 167 mm



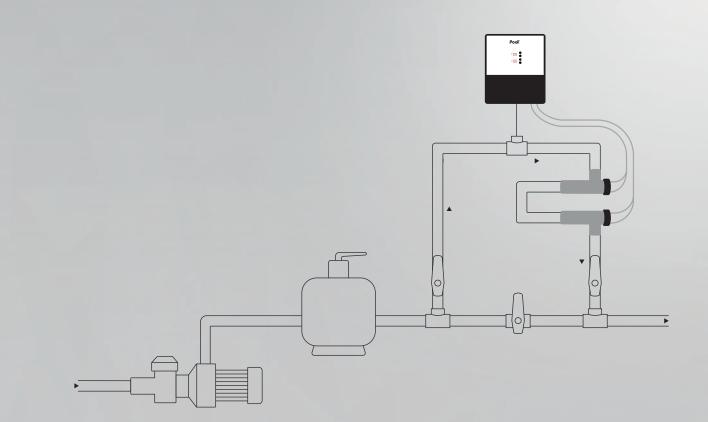


Pro Salt[°] LTE 50-100 electrode SENS003119

Pro Salt[®] LTE 75-150 electrode SENS003120

PRO SALT" LTE				
Model	Chlorine production	Pro Salt [*] reference	Electrode reference	
PROSALT LTE 50	50 g/h	ELLY20POOC-G0NY50	SENS003119	
PROSALT LTE 75	75 g/h	ELLY20POOC-G0NZ75	SENS003120	
PROSALT LTE 100	100 g/h	ELLY20POOC-G0NY100	SENS003119 (x2)	
PROSALT LTE 150	150 g/h	ELLY20POOC-G0NZ150	SENS003120 (x2)	

PRINCIPLE DIAGRAM



CONTENT

Control box Chlorination cell(s) (depending on model) Cell cable(s) (2 m) Power cable (2 m) Independant flow sensor Paddle clamp (Ø 63 mm) Wall mounting bracket (with screws)

WARRANTIES

Box: 2 years Pro Salt[®] LTE 50-100 electrode: 2 years Pro Salt[®] LTE 75-150 electrode: 2 years

Pro Salt[®]

In line chlorine generator by saltwater chlorination

Production capacity : 50 to 560 g/h





S	3.2 inch LCD display 8-line backlit display
-	Intuitive navigation thanks to simple control buttons
u. W	Multi-language navigation menu
z	Powerful chlorine production from 50 to 560 g/h adapted to all needs
ш 8	Cell independence: continuity of disinfection is ensured in the event of a cell or module failure



Connect Pro option Remote display of the device parameters, alarms and event history

FEATURES

Smart Power: current monitoring ensuring stable chlorine production

Self-cleaning cell(s) by adjustable polarity inversion with memory, depending on water hardness

Boost mode: superchlorination adjustable from 2 hours to 24 hours in 2-hour steps to overcome an increased need of disinfectant

Salt and temperature adjustment

Log of events

Alarms indicated by written message: no flow, low salt, low water temperature, cell failure

Self-diagnostic program for easy maintenance

A TAILOR-MADE SOLUTION

Pro Salt° **is available in two sizes of compact and ergonomic box** to offer a tailor-made solution according to the type of installation



Chlorine production: 50 to 280 g/h

Pro Salt[®] 50 Pro Salt[®] 70 Pro Salt[®] 100 Pro Salt[®] 140 Pro Salt[®] 210 Pro Salt[®] 280



Chlorine production: 420 to 560 g/h

Pro Salt[°] 420 Pro Salt[°] 560

POWERFUL PRODUCTION CELLS

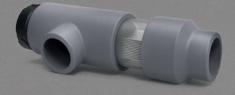
FOR INTENSIVE USE

Long life cell

The high-quality electrode coating ensures a lifespan of 10 000 hours under normal operating conditions. Easy to maintain: only worn electrodes need to be replaced in the system. Transparent cell to easily check the scaling state of the electrodes.



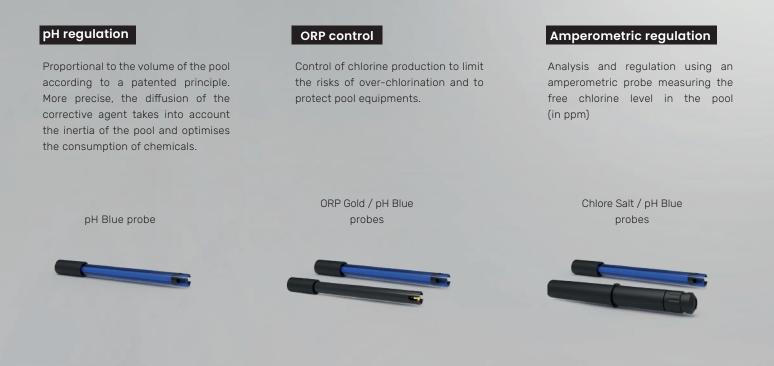
Pro Salt^{® 50-100} electrode SENS003119



Pro Salt® ⁷⁰⁻¹⁴⁰⁻²¹⁰⁻²⁸⁰⁻⁴²⁰ electrode **SENS003120**

A MODULAR DEVICE

Several control options are available to make the unit even more efficient



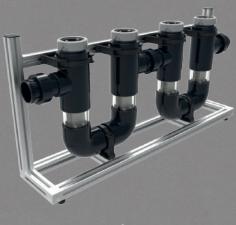
OPTION

PRE-MOUNTED CELLS ON FRAME

Modular frame allowing the number of cells to be adapted to the needs of the installation (from 1 to 4 cells). For easy installation and maintenance: assembled in the factory, the cells are ready to use.

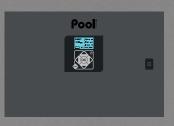


2-cells frame KIT18CHAS2C



4-cells frame KIT18CHAS4C

Pool	
	0



BOXES	PS 50 - 70 - 100 - 140 - 210 - 280	PS 420 - 560	
Chlorine production (g/h)	50 - 70 - 100 - 140 - 210 - 280	420 - 560	
Production control	from 0 to 560 g/h by 5 g/r	n steps	
Number of cells	1 - 1 - 2 - 2 - 3 - 4	6 - 8	
Cells lifespan	10 000	10 000	
Boost mode	yes	yes	
Polarity inversion	yes	yes	
User chlorination test	yes	yes	
Sensors	Lack of water / Salt / Temperature / Flow / Cover		
Power supply voltage (V)	230 - 50/60Hz	230 – 50/60Hz	
Maximum consumption (W)	300 - 400 - 600 - 800 - 1200 - 1600	2400 - 3200	
Production current (A)	<20	<20	
Salt rate (kg/m3)	3 to 35	3 to 35	
Minimum to maximum water temperature	From 15 to 40 °C	From 15 to 40 °C	
Boxes dimensions	W 400 x H 325 x D 200 mm	W 596 x H 396 x D 235 mm	
Frame dimensions	W 1100 x H 540 x D 545 mm	W 1100 x H 540 x D 545 mm	

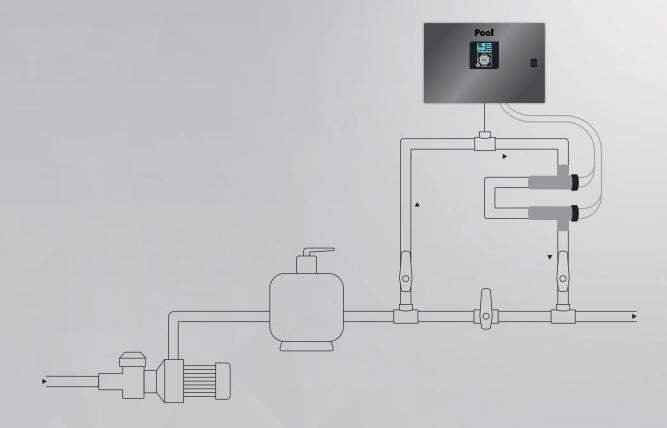
pH REGULATION OPTION

Measurement principle	pH probe + measuremer	nt chamber
Type of regulation	Proportional to the v	olume
Type of pump	Peristaltic 4 L/h	Peristaltic 4 L/h
Corrective agent	pH- (acid) pH+ (base)	pH- (acid) pH+ (base)
Probe calibration	2 points pH 7 & pH 10	2 points pH 7 & pH 10
Factory calibration	yes	yes
Calibration solution	pH 7 & pH 10	рН 7 & рН 10

CHLORINE PRODUCTION CONTROL OPTION				
ORP	ORP probe + measurement chamber			
Amperometric	Amperometric probe + measurement chamber			
CONNECTIVITY OPTION				

Connect Pro

PRINCIPLE DIAGRAM

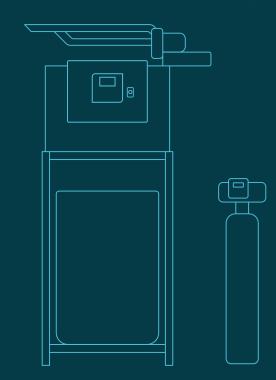


Model	Reference	pH option	pH/ORP option	pH/Ampero option
 Pro Salt 50	PROS24POO050			
Pro Salt 70	PROS24POO070			
Pro Salt 100	PROS24POO100		007000000000	
Pro Salt 140	PROS24POO140	OPT20PHPROS1	OPT20ORPPROS1	OPT20CLPROSI
Pro Salt 210	PROS24POO210			
Pro Salt 280	PROS24POO280			
 Pro Salt 420	PROS24POO420			
Pro Salt 560	OPT20CLPROS2		OPT20CLPROS2	OPT20CLPROS2

WARRANTIES

Control box: **2 years** Cell(s): **2 years** within the limit of 10,000 hours of operation pH probe: **1 year** ORP probe: **1 year** Chlorine Salt probe: **1 year**







ON SITE CHLORINE

GENERATORS





iPOQLOR[®] Compact

On site chlorine generator

by saltwater chlorination

Production capacity: 10 to 40 g/h





On site technology: remote chlorine production without adding salt to the pool

ູ Storage of the sodium hypochlorite solution in a tank secured by level sensors Easy to install: factory pre-wired reactor Simplified maintenance: easy access to reactor sub-assemblies for maintenance operations ы., Single-unit reactor: salt tank, softened water tank, brine tank and production cell Economical salt consumption: 3Kg of salt are sufficient to produce 1Kg of active chlorine ш Soft and odourless water Ζ **Environmentally friendly solution** ш Ideal for corrosion-sensitive pools m Negligible salt in wastewater 100% automatic and easy to use

FEATURES

- Smart Power: current monitoring to ensure stable chlorine production
- Self-cleaning cell with polarity inversion
- Boost mode until the storage tank is 100% full
- Multilingual communication interface
- Alarms indicated by written message: low water, low salt, cell fault, pump fault, water temperature
- Display of cell lifespan
- Log of events
- Self-diagnosis program for easy maintenance

AN INNOVATIVE AND EFFICIENT

PRINCIPLE



Softener

The supply of softened water to the reactor is mandatory and necessary for the proper functioning of iPOQLOR® (softener (1) as an option).

Control and production box

The electronical box (2) controls the production reactor, allow the management of the levels and the safety devices in a simple way thanks to intuitive menu architecture.

Single-unit production reactor

The reactor (3) has three compartments:

- A softened water tank (4) to feed the production cell.
- A salt tank (5). The salt used must comply with one of the 4 standards thereafter: NF EN 973 Quality A - NF EN 14805 Type 1 - NF EN 16401 Quality A - NF EN 16370
- A brine tank (6) isolated from the salt tank.

Pumps

The dosing pumps (7) automatically inject the optimum quantity of brine and softened water at the entrance of the production circuit.

Production cell

The mixture is injected into the production cell (8) which produces a chlorine solution called sodium hypochlorite. The life of the cell is guaranteed 10,000 hours, which, thanks to an hour meter, informs the user of its condition.

Sealed production tank

The sodium hypochlorite thus produced is poured into a 100L capacity storage tank (9). The chlorine remains pure and fresh thanks to the anti-UV coating of the tank. The storage tank is secured by 3 level sensors (high, low, overflow) which can be fully dismantled for easy maintenance. The exhaust vent allows the hydrogen produced to be evacuated. The suction pipe is easily connected to the injection system.

iPOQLOR [®] Compact models	iPOQLOR [®] Compact 10	iPOQLOR [®] Compact 20	iPOQLOR [®] Compact 40
Reference	ELYI24NPSC-G5NM10	ELYI24NPSC-G5NX20	ELYI24NPSC-G5NZ40
PRODUCTION SPECIFICATIONS			
Maximum production (L/h)	10	10	10
Active chlorine maximum production (g/h)	10	20	40
Active chlorine maximum production per day (kg/day)	0,24	0,48	0,96
Active chlorine concentration (g/L)	1	2	4
GENERAL CONSUMPTIONS			
Water (L/h)	10	10	10
Salt (with softener) (g/h)	31	63	125
1 KG ACTIVE CHLORINE PRODUCTION CONS	UMPTIONS		
Electricity (kW)	6,5	4,6	3,6
Certified biocide salt (kg)	7,6	3,8	1,9
Softened water (L)	1000	500	250
CONDITIONS OF USE			
Environmental temperature (°C)	< 45	< 45	< 45
Input water temperature (°C)	< 25	< 25	< 25
Input water hardness (with softener) (°f)	< 12	< 12	< 12
Pressure (bar)	1 à 3	1 à 3	1 à 3
CHARACTERISTICS			
Reactor dimensions (W x D x H mm)	450 x 490 x 783	450 x 490 x 783	450 x 490 x 783
Total reactor mass (kg)	18	18	18
Reactor material	HDPE	HDPE	HDPE
Production tank and retention tank material	UV-treated polyethylene	UV-treated polyethylene	UV-treated polyethylene
Production tank volume (L)	100	100	100
ELECTRICAL SPECIFICATIONS			
General supply	230 V - 50/60 Hz	230 V - 50/60 Hz	230 V - 50/60 Hz
Maximum intensity on each electrode (A)	< 15	< 15	< 15
Maximum voltage on each electrode (V)	< 20	< 20	< 20
EQUIPMENTS / FEATURES			
Number of electrodes	1	1	1
Number of plates	4	5	9
Communication	Bluetooth	Bluetooth	Bluetooth
WARRANTIES			
Electronical box	2 years	2 years	2 years
Cell (Up to 10,000 hours)	2 years	2 years	2 years
Reactor	2 years	2 years	2 years
OPTION			
Softener	KIT23AD0U4L	KIT23AD0U4L	KIT23AD0U4L

ipoqlor compact



iPOQLOR[®]

On site chlorine generator by saltwater chlorination

Production capacity : 70 to 560 g/h





On site technology: off-line chlorine production without adding salt to the pool

- 4 models for a production from 70 to 560 g/h
- Storage of the sodium hypochlorite solution in a tank secured by level sensors
- Easy to install: pre-wired unit in the factory and pre-mounted on a frame (depending on the model), ready to connect to the hydraulic system
- **Simplified maintenance:** easy access to sub-assemblies for maintenance operations
- Hydrogen (H2) evacuation system (depending on the model)
- Low salt consumption: 3Kg of salt are sufficient to produce 1Kg of active chlorine
- **Z** Soft and odourless water
- Eco-friendly solution
- Ideal for corrosion-sensitive pools
 - Negligible salt content in waste water

100% automatic and easy to use



Connect Pro Remote viewing of device settings, alarms and event log

FEATURES

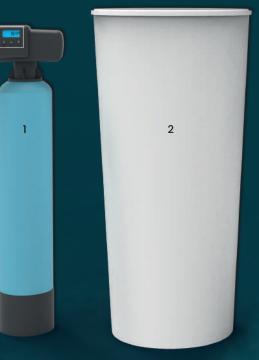
- Smart Power: current monitoring ensuring stable chlorine production
- Self-cleaning cell(s) with adjustable polarity inversion
- Boost mode until the storage tank is 100% full
- Multilingual communication interface
- Alarms indicated by written message: lack of water, low salt, cell fault, pump fault, water temperature
- Display of hypochlorite temperature
- Log of events
- Self-diagnostic program for easy maintenance
- Safety alerts sent by GSM

AN EFFICIENT AND INNOVATIVE

PRINCIPLE







The system

is permanently supplied with mains water connected to a softener (1) (single or double depending on the model). The softened water will feed the brine tank (2) and the production circuit (4).

The brine tank (2)

is fed by the softened water coming from the softener and allow the blend with the salt previously poured at the bottom of the tank. The salt used must comply with one of the 4 standards thereafter: NF EN 973 Quality, NF EN 14805 Type 1 - NF EN 16401 Quality A - NF EN 16370

The dosing pump (3)

will inject the brine created at the entrance of the production circuit (4). This brine is mixed with softened water before entering the production cells (5).

The mixture obtained

is injected into the production cells (5), through which an electric current flows. Based on the same principle as saltwater chlorination, the cells will create a naturally chlorinated solution: sodium hypochlorite.

The hydrogen

lighter than air, generated during production will be evacuated to the outside of the room with the help of a turbine (6) for models with a production of more than 280 g/h. A hydrogen extraction system is available as an option on models 70 and 140 to complete the safety in the technical room.

The solution created

is poured into a storage tank (7) secured by level sensors. The volume of the storage tank varies according to the model. Average concentration: 4 g/L of active chlorine.

The control and production unit (8)

controls all the modules. The box controls the production reactor, manages the levels and the safety devices, allows to program the production periods in a simple and intuitive way thanks to a simple menu architecture.

Consult the parameters of your pools remotely

Be alerted thanks to the two communication systems (9) installed on our devices: Real-time remote information: thanks to the insertion of a SIM card (not supplied) in the system, a set of administrators (pool managers) receive real-time alerts via SMS.

Remote pool management with Connect Pro: thanks to a simple connection to the local network, you can centralise all the information on the operating status of the installations.

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iPOQLOR® models Reference **iPOQLOR70** PURE230EM70

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iPOQLOR140 PURE230EM140

iPOQLOR280 PURE230EM280

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iPOQLOR560 PURE230EM560

PRODUCTION SPECIFICATIONS					
9	17.5	35	70		
70	140	280	560		
1,7	3,4	6,7	13,4		
6-8	6-8	6-8	6-8		
4	4	4	4		
11	22	44	88		
Hydrogen generation (L/h) 24 48 95 190					
	9 70 1,7 6-8 4 11	9 17.5 70 140 1,7 3,4 6-8 6-8 4 4 11 22	9 17.5 35 70 140 280 1,7 3,4 6,7 6-8 6-8 6-8 4 4 4 11 22 44		

GENERAL CONSUMPTIONS						
Water (L/l) 9 17,5 35 70						
Salt (with softener) (g/h)	225	450	900	1800		

1 KG ACTIVE CHLORINE PRODUCTION CONSUMPTIONS						
Electricity (kW)		3,75	3,75	3,75	3,75	
Certified biocide salt (kg)		3,1	3,1	3,1	3,1	
Softened water (L)		125	125	125	125	

CONDITIONS OF USE						
Environmental temperature (°C)	< 40	< 40	< 40	< 40		
Input water temperature (°C)	< 20	< 20	< 20	< 20		
Input water hardness (with softener) (°f)	< 10	< 10	< 10	< 10		
Pressure (bar)	1 to 3	1 to 3	1 to 3	1 to 3		

CARACTERISTICS						
Frame dimensions (WxDxH mm)	765 x 717 x 230	765 x 717 x 230	765 x 2050 x 655	900 x 2138 x 790		
Weight (kg)	70	70	150	200		
Production tank and retention tank material	UV-treated polyethylene					
Prodction tank volume (L)	100	100	250	250		
Brine tank volume (L)	100	100	200	200		

ELECTRICAL SPECIFICATIONS						
General supply	230 V - 50/60 Hz					
Internal circuit breaker rating (A)	6	6	15	20		
Section of the general supply cable	3G 1,5	3G 1,5	3G 2,5	3G 2,5		
Length of main power cable (m)	2,5	2,5	2,5	2,5		
Maximum power (kW)	0,4	0,8	1,6	3,2		
Mains current rating (A)	1,25	2,5	5	10		
Maximum current on mains (A)	2,1	4,2	8,4	16,8		
Maximum current on each electrode (A)	< 20	< 20	< 20	< 20		
Voltage on each electrode (V)	< 20	< 20	< 20	< 20		

EQUIPMENTS / FEATURES						
Number of electrodes	1	2	4	8		
Operation modes		Automatic and program	mmable operating ranges			
Communication		SMS alerts - Conne	ect Pro remote control			



ipoqlor[®]

WARRANTIES

Devices and consummables

	Pro Dosing [®] ORP	Pro Dosing [®] Ampero	Pro pH [®]	Pro Régul®	Pro Salt [®] LTE	Pro Salt [®]	iPOQLOR [®] Compact	iPOQLOR®
pH Blue probe	1 year	1 year	1 year	1 year				
ORP Gold probe	1 year	-	-	-	-	-	-	-
Cl Fresh probe	-	1 year	-	-	-	-	-	-
Cl Salt probe	-	-	-	1 year	-	-	-	-
Cell *	-	-	-	-	2 years	2 years	2 years	2 years
Box*	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years
Reactor							2 years	2 years

* In the limit of 10 000 hours







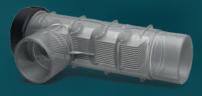


pH Blue probe

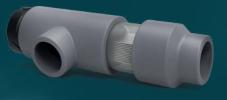
ORP Gold probe







Pro Salt^{® 50-100} Cell



Pro Salt^{® 70-140-210-280-420} Cell

CONNECTED SOLUTIONS

to support you





e-Pool®

the Bluetooth remote control

- Setpoints settings
- Consultation of the device values
- $\boldsymbol{\cdot}$ Calibration of the pH and ORP probes
- Sending reports to the referring professional
- Remote update of the device software
- Access to video tutorials
- Frequently asked questions



e-Pool® Connect

the pool everywhere at anytime (optional kit)

- Intelligent filtration management
- Control of 2 auxiliaries: heat pump, lighting, pool cleaner, Besgo® hydraulic valve
- Remote control of your treatment unit (setpoints, history, alarms)
- Pool management: management of the maintenance of a pool fleet from the mobile application or a web platform.
- **Remote analysis and diagnosis using tools dedicated to professionals:** dashboard, alerts, dematerialised maintenance booklet, messaging...

Connect Pro

keep an eye on your installation!



- Physical RJ45 Ethernet connection to access all operating data equipment via the Connect Pro platform (included as standard)
- Production time
- Sodium hypochlorite solution temperature
- Events and alarms
- Graphs, production curves (daily, weekly, monthly)

Products	e-Pool®	e-Pool® Connect	Connect Pro
Pro Dosing Ampero	\checkmark	optional	X
Pro Dosing ORP	\checkmark	optional	X
Pro Regul	\checkmark	optional	X
Pro pH	\checkmark	optional	X
Pro Salt LTE	X	X	X
Pro Salt	X	X	optional
iPOQLOR Compact	\checkmark	optional	X
iPOQLOR	X	X	\checkmark

COMPATIBILITY

A SET OF SPECIFICATIONS

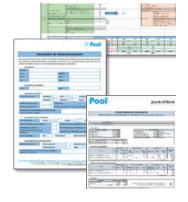
tailored to your needs

Pool Technologie's engineering department is responsible for to dimension and support the projects of our customers. This team is composed of engineers and technicians at your disposal.

Pool Technologie offers you a water treatment solution adapted to your specifications. We make it a point of offering you the products most adapted to your needs while complying with standards.

To do so, we carry out sizing studies, taking into account the real needs of the customer to define the most suitable model and injection system.

Our design office developed the following tools:



Dimensioning sheet:

After receiving the characteristics and the data of the pool, definition of the iPOQLOR[®] model most suited to the needs, accompanied by a simulation of consumption and the sizing of the necessary injection equipment.

Pre-installation sheet:

Allows you to validate the configuration of the room intended to house iPOQLOR[®].

Comparative economic study:

Based on the data provided for an existing pool, this study allows you to evaluate the operating savings achieved with the use of iPOQLOR[®].





TRAINING / SUPPORT:

A permanent training room equipped with an operational iPOQLOR 280 is available to our dealers and distributors at our Valergues site (FRANCE 34).

Installation assistance and training on site possible France/Export according to commercial agreements. A dedicated hotline is available to our customers.

PROFESSIONAL HOTLINE

+33 (0) 467 138 895 hotline@pool-technologie.fr



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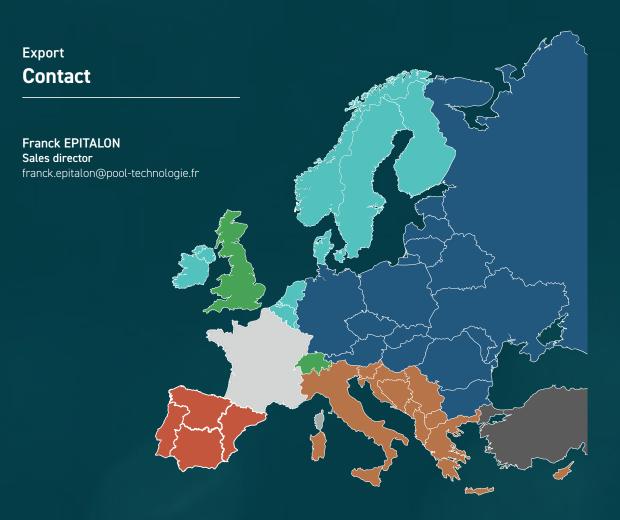
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Clause 1 - Notice

In order to improve the quality of their products, the company POOL TECHNOLOGIE (hereinafter referred to as "POOL TECHNOLOGIE") reserves the right to modify the characteristics of its products without notice, at any time. The sketches, photographs, text and illustrations shown in the catalogues and on any other communication medium, are provided purely for information purposes and can in no event be considered as contractual. Any reproduction or representation of the pages published in the paper and digital catalogues or on the POOL TECHNOLOGIE website, even in part and by any process whatsoever, without written authorization from POOL TECHNOLOGIE, is illegal and constitutes counterfeiting.

Clause 2 - General provisions

These general terms and conditions of sale shall apply to the commercial relations between POOL TECHNOLOGIE and professional retailers, hereinafter referred to as the "Client" or the "Clients". They shall therefore not apply in any event to the contractual relations between the retailers and their clients or end users. The Client and POOL TECHNOLOGIE mutually acknowledge each other as professionals in the products sold by POLL TECHNOLOGIE (hereinafter referred to as the "Products"). These general terms and conditions of sale (GTCS) are available on the POOL TECHNOLOGIE website (https://pool-technologie.com), in the catalogue and can be sent to the Client at its request, in order to allow it to place an order. As a result, placing an order shall imply the Client's full, unreserved adhesion to these GTCS, to the exclusion of any other documents and in particular its own general terms and conditions of purchase.No specific conditions can take precedence over the GTCS without a formal written waiver being issued in advance by POOL TECHNOLOGIE.Any contrary In particular its our general and conductors of particular to particular to an end of the other and GTCS cancels and replaces the previous versions.

Clause 3 - Orders

3-1 No one shall be able to claim tacit agreement from POOL TECHNOLOGIE. Any Client order must be placed in writing (e-mail, post) and state the desired shipping address, the billing address, order number, date of order, references, quantities and specifications relating to the Products. An order with incomplete or erroneous information risks leading to errors or delays, for which POOL TECHNOLOGIE cannot be held liable. 3-2 Unless stipulated to the contrary, offers from POOL TECHNOLOGIE and quotations shall only be valid for one month following their date of issue. In this case, the contract shall only be formed on unreserved acceptance by the Client of the conditions set out in the quotation. In practice, the Client shall express its consent by returning the signed quotation by e-mail or post, or by placing an order making express reference

to the quote. 3-3 An order shall only be valid once it is accepted by POOL TECHNOLOGIE, which shall show this by sending an acknowledgement of order. If the Client does not contest the acknowledgement of order receipt in writing within 48 hours of this being issued, the order shall become firm and final.

3-4 Any order placed with POOL TECHNOLOGIE and accepted by the latter under the aforementioned terms and conditions shall be come contractual and cannot be amended or cancelled without prior consent from POL TECHNOLOGIE shall reserve the right to invoice the raw materials and labour already committed to the execution of the said Contract, without prejudice to the option to request damages.

3-5 The benefit of the Contract is personal to the Client and cannot be transferred in any way whatsoever without prior written consent from POOL TECHNOLOGIE.

Clause 4 - Price

- 4-1 The unit prices given are in Euro, exclusive of tax and shall be understood as being ex works (EXW, ed. 2010) from POOL TECHNOLOGIE warehouses. The prices can be revised without notice, due in particular to currency fluctuations or any other event that may have a repercussion on raw material or labour costs. POOL TECHNOLOGIE will inform the Client of this. The amended prices will then be applicable to the Client's future orders. ECO-PARTICIPATION: The prices shall be understood as being exclusive of eco-participation. For France, a flat rate participation cost shall be applied to the unit sale price on invoicing. As the eco-
- participation is not a tax, VAT is applied to this contribution. 4-2 Any order may form the subject of a down payment that varies depending on the Product before manufacture and/or shipping. The down payment amount applicable shall be specified in the Contract.Delivery of the Products shall be suspended until this down payment is made in full. The balance remaining due must be paid in accordance with the following terms and conditions.

Clause 5 - Payment

Invoices shall be payable in full, without discount, to the address stated on the invoice statement. Within the framework of monitored commercial relations and after agreement from POOL TECHNOLOGIE's credit insurer, invoices are payable, without discount, by recovered bill of exchange presented directly for cashing, without prior acceptance and at 30 days end of month from the invoice date. If this bill is refused, deliveries can only be made on payment before delivery or on cash on delivery. Should there be a deterioration in the Client's solvency, established on the basis of objective data, POOL TECHNOLOGIE reserves the right to adapt the applicable payment periods, to set a ceiling for its outstanding invoices and/or require payment guarantees or payment prior to shipping. After simple notification by registered letter, POOL TECHNOLOGIE may suspend or cancel the execution of pending orders, refuse new ones or demand payment in full.

Clause 6 - Expiry of term - Late payment penalties

6-1 Failing payment of any one of the instalments, all debts owed to POOL TECHNOLOGIE by the Client will become due, ipso jure without a prior final demand being required. 6-2 As soon as the Client fails to have fulfilled its undertakings, a refusal to sell may then be validly imposed by POOL TECHNOLOGIE, unless the Client provides satisfactory guarantees or a payment cashable prior to

- delivery of the Products.
- 6-3 Any delay in payment beyond the due date will give rise, ipso jure, to late payment penalties equivalent to three (3) times the legal interest rate.
- 6-4 Any payment made later that the due date will also give rise, ipso jure and without formality, to the payment of a fixed compensation fee of EUR 40. When the recovery fees are in excess of EUR 40, POOL TECHNOLOGIE reserves the right to request additional compensation from its debtor, on proof thereof. In the event of late payment giving rise to court proceedings, a fixed compensation equalling 20% of the cost of the Product will be due by the Client, in addition to all the recovery costs incurred.

Clause 7 - Delivery costs and lead times

7-1. Costs The Products are delivered to the Client in accordance with the incoterm (ICC 2020) EXW (ex-works) from POOL TECHNOLOGIE, unless there is a specific written agreement.Consequently, if POOL TECHNOLOGIE takes care of the transport up to the location indicated in the Contract, this shall be solely as the Client's representative. The transport costs are invoiced to the Client in addition. In the event of a "COD" delivery, the collection fees required by the carrier shall be the Client's responsibility.

7-2. Delivery lead times The delivery lead times are always given for information purposes, without guarantee and any delays cannot give rise to either damages, withholding of monies, the cancellation of pending orders, or the Products being refused.

Clause 8 - Reservation of ownership IN ACCORDANCE WITH THE LEGAL PROVISIONS, OWNERSHIP OF THE PRODUCTS DELIVERED SHALL ONLY BE TRANSFERRED ON THE DATE PAYMENT OF THE PRICE FOR THE SAID PRODUCTS IS MADE IN FULL; REGARDLESS OF THE DELIVERY AND PAYMENT CONDITIONS, however, the risks shall be transferred to the Client as soon as the Products are made available to it, to one of its representatives or to the carrier. a. Identification and individualization of Products: The Client shall be responsible for ensuring the Products are identified and individualized, by preventing their being unpacked or merged into common stock. In the event

of receivership or court-appointed liquidation, it shall undertake to have the administrator, agent or debt representative draw up the full list of Products belonging to POOL TECHNOLOGIE. b. Claim:In the event the Client fails to pay, POOL TECHNOLOGIE, without losing any of its rights, may demand, by registered letter, the return of its goods at the Client's cost and risk.

c. Receivership and court-appointed liquidationThe Client shall undertake to keep POOL TECHNOLOGIE informed of any change in its situation, and in particular with its declaration that payments have ceased.

Clause 9 - Transfer of risk, acceptance and claims

AS OF THEIR DELIVERY UNDER THE CONDITIONS OF CLAUSE 7, THE PRODUCTS SHALL ALWAYS TRAVEL AT THE CLIENT'S RISK. POOL TECHNOLOGIE STRONGLY RECOMMENDS THE CLIENT TAKE INSURANCE AGAINST THE RISKS LINKED TO TRANSPORTING THE PRODUCTS OR CONSULTS POOL TECHNOLOGIE IF IT WISHES FOR THE LATTER TO DO SO ON ITS BEHALF In the event of a dispute during delivery by the carrier, the recipient must:

- a. Note on the carrier's delivery docket, after unpacking the Product, the issue observed (e.g.:missing parcel, broken parcel, wet parcel, etc.) and give as much detail as possible about the damage suffered by the Product, it being understood that any notation to the effect "subject to unpacking" will not be binding on POOL TECHNOLOGIE. b. Confirm with the carrier, in accordance with Article L.133-3 of the [French] Commercial Code and within the timeframes provided by this, the reservations made on receipt, by registered letter, a copy of which is sent
- to POOL TECHNOLOGIE.

c. Forward to POOL TECHNOLOGIE as quickly as possible, a copy of the annotated delivery docket as well as the copy of the registered letter sent to the carrier.

CAUTION: No claim will be accepted unless strict compliance has been made with the above three points.

Clause 10 - Return of new equipment

POOL TECHNOLOGIE shall not be obligated to take back a Product returned for a reason not subject to its liability. No Product return can be accepted without specific conditions and without the prior written agreement of POOL TECHNOLOGIE.

In any event, when the return has been agreed by POOL TECHNOLOGIE, the Product return must: a. Be made within eight days of it being agreed by POOL TECHNOLOGIE b. Relate to a Product in the POOL TECHNOLOGIE professional catalogue, in effect at the time of the return c. Have been the subject of a return merchandise authorization (RMA procedure)

- d. Have been the subject of prior written consent from POOL TECHNOLOGIE

e. Be accompanied by the RMA authorization

f. Be made carriage paid in the original packaging The product returned under the aforementioned conditions will automatically be subject to a 15% reduction with a minimum of EUR 50.

CAUTION: Failure to comply with the aforementioned conditions will lead to either the return being refused, or to the Product being accepted back with a 30% reduction on the price at which it was invoiced. Furthermore, after an expert appraisal, an additional deduction may be made if the Product is incomplete or damaged. In the case of a return due to an order error made by the Client, the carriage costs shall remain the latter's responsibility.

Clause 11 - Warranty

The products sold by POOL TECHNOLOGIE are compliant with the required technical specifications and with (i) the legislation in force in the European Union for European models and (ii) the legislation in force in the United States and Canada for North American models.

Some products manufactured and marketed by POOL TECHNOLOGIE are subject to a contractual warranty for a period that runs as of delivery of the Products within the meaning of Article 7 of the GTCS, a period that varies in length depending on the Product range, as defined at the following address:htts://pool-technologie.com/nos-garanties-equipements-materiels-pool-technologie/ In this case, POOL TECHNOLOGIE shall guarantee the Products comply with the Contract under the following conditions and limits.

Without prejudice to the exclusion cases applicable to each Product, the warranty shall not apply in the case of a fault or defect caused by:

- use of the Products that does not comply with the technical instructions accompanying them, or not complying with any instructions from POOL TECHNOLOGIE or with any uses, laws and regulations currently in force; - any installation, maintenance and, in general, any intervention not performed solely by professionals with a certain degree of expertise in the subject;
- any installation, maintenance and, in general, any intervention not performed in accordance with the standards in force in the country of installation at the time thereof;
- use of accessories and/or options not supplied by POOL TECHNOLOGIE (e.g.:pH probe, cell, sensors, etc.) - modifications to the Product specifications imposed by the Client, unforeseeable circumstances or force maieure.
- normal wear of the Products;
- negligence, especially in storing the Products,
- repairs, alterations, interventions or modifications made to the Products without prior written consent from POOL TECHNOLOGIE,
 failure to implement the process for using the Products or failure to maintain the Products. Any fault is to be brought to POOL TECHNOLOGIE's attention within 8 days of the fault occurring, in the form of written notification sent by registered letter. The Client must give POOL TECHNOLOGIE every option to check these defects and to remedy these.

The warranty shall consist in the repair of the manufacturing and material defects, by POOL TECHNOLOGIE and in its workshops. Removal, refitting and transport costs are not covered by the warranty. In all cases, POOL TECHNOLOGIE's liability shall be limited to the replacement of the defective parts without it being possible for any compensation or damages to be claimed for material damage, bodily harm or other losses caused.

IMPORTANT: The Client is informed and shall expressly declare that it acknowledges that the technical instructions, instructions for use or installation and more generally any documents relating to use of the Products may be provided to the Client and/or Product end users by digital means. Where applicable, the user shall have the option to request POOL TECHNOLOGIE provide the documents in printed form. The replacement of parts under the warranty shall in no event extend the duration of the warranty initially granted. Availability of spare parts: When a Product or commercial Product range stops being marketed, the availability of spare parts shall equal the duration of the initial contractual warranty.

Clause 12 - Liability and insurance

POOL TECHNOLOGIE and the client mutually acknowledge each other as professionals in the products sold. The Client acknowledges that POOL TECHNOLOGIE is a retailer of equipment that must be integrated by the Client into an overall operational unit.

The Client, in its capacity as a swimming pool professional, shall always be responsible for the choice of Product, its method of integration and its correct use as per the instructions shown in the user manual provided with the Product, pursuant to best practices, the regulations in force in the country of installation at the time thereof, and the expected results. In no event shall POOL TECHNOLOGIE be obligated as to the level of the final result; all POOL TECHNOLOGIE's obligations shall be understood as being obligations of means.

Any claim made against POOL TECHNOLOGIE by the Client in relation to the execution of a sale, regardless of the clause (sic) and nature thereof, for the calendar year, must be notified to POOL TECHNOLOGIE by registered letter at the latest twelve (12) months following the alleged failure by POOL TECHNOLOGIE to fulfil its obligations. After this period, and as an exemption to the provisions of Article L110-4 of the Commercial Code, no claim by the Client for the calendar year can remain binding on POOL TECHNOLOGIE, which the Client acknowledges and expressly accepts. The parties acknowledge that POOL TECHNOLOGIE may always obstruct liability proceedings by the replacement or return to compliance of a non-compliant product. IN ANY EVENT, SUBJECT TO GROSS NEGLIGENCE OR WILFUL MISCONDUCT, POOL TECHNOLOGIE'S LIABILITY SHALL BE LIMITED TO THE REPLACEMENT, REPAIR, EXCHANGE FOR A NEW OR RECONDITIONED PRODUCT, OR THE REFUND OF THE DISPUTED PRODUCTS. TO THIS END, POOL TECHNOLOGIE'S LIABILITY CANNOT EXCEED THE AMOUNT PAID BY THE CLIENT FOR THE PRODUCTS.

POOL TECHNOLOGIE can in no event be held liable for any immaterial and/or indirect damage, especially loss of use, loss of clientele, loss of turnover, loss of data, moral or commercial prejudice, or damage to brand image that may be suffered by the Client.

Clause 13 - Force majeure

The parties' contractual obligations shall be suspended in cases of force majeure. If such an event should occur, the parties will strive in good faith to take all the measures reasonably possible with a view to continuing execution of the Contract. If the case of force majeure lasts for over sixty (60) days, the Contract can be terminated on the initiative of either party, without the right to compensation by either. The following are contractually assimilated to force majeure and constitute causes for terminating or suspending POOL TECHNOLOGIE's obligations, without recourse for the Client: accidents affecting the production and storage of products, total or partial shutdown of the supply chain, failing by the carrier, fire, flood, machinery breakdown, total or partial strikes, cyber-attacks, administrative decisions, actions by third parties, war or any external event likely to delay or prevent the execution of the undertakings made, or to render these exorbitant in economic terms.

Clause 14- Termination

POOL TECHNOLOGIE shall have the right to cancel the Contract ipso jure, by registered letter in the event of total or partial failure by the Client to fulfil its obligations, especially its obligation of payment, to comply with intellectual property rights and more generally, the faithful execution of the Contract, thirty (30) days after a final demand sent by registered letter has remained without action and containing the declaration by POOL TECHNOLOGIE of its intent to use the benefit of this clause, without prejudice to compensation for the direct and indirect damage that this termination may cause it. In the event that, due to the nature of the unfulfilled obligation, it is not possible for the defaulting party to remedy this, the Contract can be cancelled ipso jure by either party without notice and the Contract will end on receipt of the letter notifying the cancellation. POOL TECHNOLOGIE will not owe the Client any compensation.

Clause 15 - Intellectual and Industrial Property

15-1 Unless expressly stipulated to the contrary in the contract, the latter shall not grant any transfer whatsoever to the Client of the intellectual property rights relating to the Products, brands, logos, databases, text, graphics, images, soundbites, videos, and any other element protected by intellectual property rights. POOL TECHNOLOGIE shall remain the owner of the intellectual property rights relating thereto.Likewise, all the plans, documents, and technical data, notices, samples or any other document provided to the Client by POOL TECHNOLOGIE within the framework of executing the contract, as well as, where applicable, the relating intellectual property rights, shall remain the sole property of POOL TECHNOLOGIE.

None of the provisions in this document can be interpreted as entailing a handover, transfer, sale, concession, licence, loan, rental, or authorization to use granted directly or indirectly by POOL TECHNOLOGIE to the client over the said intellectual property rights. As a result, the Client shall not, by the payment of the price as stemming from the Contract, acquire a right to use the results of the Products that can be protected under POOL TECHNOLOGIE's intellectual property rights. For any other use, the Client must contact POOL TECHNOLOGIE in order to define the methods for this, and in particular the financial methods.

The Client shall undertake not to harm the intellectual property rights of POOL TECHNOLOGIE, directly or indirectly, or through a third party with which it is associated. The Client shall guarantee that all the elements provided, where applicable, to POOL TECHNOLOGIE within the framework of manufacturing the Products do not encroach on the intellectual property rights of a third party.They shall guarantee POOL TECHNOLOGIE against any consequence of any kind (including court costs, lawyer's fees, damages and compensation, etc.) in the event that POOL TECHNOLOGIE's liability is sought by a third party.

15-2 The Client shall authorize POOL TECHNOLOGIE to use its name and logo as a commercial reference.

15-3 No Client shall address to ruse the brands, logos, documents or any other intellectual property right belonging to POOL TECHNOLOGIE or for which it has enjoyment without express prior written authorization from the latter, and solely for the purposes of promoting the resale of the Products under normal conditions with regard to its activity.

Any use by the Client of a brand, logo or other distinctive sign shall be made under its full liability, in compliance with the graphic charter and legal information relating to the Products, especially in the event these are present on a website or on any printed media. Any document, of any nature whatsoever, provided or sent to the Client shall remain the sole property of POOL TECHNOLOGIE and without express prior agreement cannot be provided to parties for any reason whatsoever.

Clause 16 - Personal data

16-1 The Client is informed and accepts that within the framework of executing the Contract, POOL TECHNOLOGIE may store, process and use the data mentioned for the latter's processing objectives, and this in accordance with the provisions of the applicable regulations on personal data protection.

The Client is asked to visit the following page:https://pool-technologie.com/politique-de-confidentialite/ in order to find out POOL TECHNOLOGIE's current confidentiality policy in detail. 16-2 In their relationship; each party shall be solely liable for the damage caused by any breach in the obligations incumbent on them pursuant to the regulations on personal data protection.

Clause 17 - Producer's increased liability- Unique Identifier(s) (UID)

The unique identifier(s) under which POOL TECHNOLOGIE is registered by virtue of its obligations under the principle of u increased liability are listed below: FR003114_01YHIQ

Clause 18 - General stipulations

18-1 If any one of the provisions in these GTCS have to be declared inapplicable or null for any reason whatsoever, this nullity or inapplicability will not affect the application or validity of the other provisions of these GTCS.

18-2 The fact that POOL TECHNOLOGIE does not make use of any one of the provisions of these GTCS at a given time shall in no way be interpreted as being a renunciation on its part of subsequently making use of said provision, especially the fact of not claiming late payment penalties.

18-3 In case of dispute, the parties shall agree to consider any electronic communication as an original written document serving as perfect proof and waive this means of proof being contested, except for discussions of its authenticity.

18-4 In the event of ambiguity between these GTCS and their English version, the French version will take precedence.

Clause 19 - Applicable law - Disagreements

These general terms and conditions of sale and all the relations with the Client shall be solely subject to French law, with the exception of any international agreement. ALL DISAGREEMENTS OR DISPUTES STEMMING FROM THE OPERATIONS TARGETED IN THESE GENERAL TERMS AND CONDITIONS, EVEN IN CASES OF MULTIPLE DEFENDANTS OR THIRD-PARTY PROCEEDINGS, WHICH ARE NOT RESOLVED WITHIN THIRTY (30) DAYS OF THEIR NOTIFICATION BY THE MORE DILIGENT PARTY WILL BE THE SOLE COMPETENCE OF THE COMMERCIAL COURT OF LYON, WHICH IS EXPRESSLY ACCEPTED BY THE CLIENT.

Any of the Client's terms and conditions of purchase, as well as the location in which the order or contract was signed and, in general, all exemptions to the general terms and conditions of sale cannot bring about either a novation or an exemption to this clause allocating jurisdiction, even in the event of third-party proceedings or multiple defendants.

By placing an order, the Client shall be deemed to know and have accepted these general terms and conditions of sale. It shall also undertake to comply with the installation instructions accompanying the goods as well as the standards for installation and use in force in the destination country.

Please fill in the form and send it back with the following documents:

- International tax number if you are frome European area
- Valid email adress

GENERAL INFORMATIONS

Company name:		
Activity:		
International tax number*:		
Delivery adress:		
Zip code:	Town:	. Country:
Billing adress (if different):		
Zip code:		
Tel:		
Email*:		

*This informations is required to process any order

YOUR CONTACTS

COMMERCIAL DEPARTMENTPURCHASING / ORDERING DEPARTMENTName:Name:Function:Function:e-mail:e-mail:Tel:Tel:ACCOUNTING DEPARTMENTTECHNICAL DEPARTMENTName :Name:Function:Function:

Function:	Fund
e-mail:	e-ma
Tel:	Tel:

Name:
Function:
e-mail:
Tel:

Any order placed with POOL TECHNOLOGIE implies the customer's full and unreserved acceptance of the general conditions of sale appearing in its price list, to the exclusion of any other document. The customer acknowledges in particular that the goods remain the property of POOL TECHNOLOGIE until full payment of their price.

DEMATERIALIZATION OF YOUR INVOICES	Made in Date
mail address:	Name, function
	Please mark «read and approved» before signing :

contact@pool-technologie.fr

Return Material Authorisation (RMA) is required for all after-sales service requests. A prior request must therefore be made to POOL TECHNOLOGIE's after-sales service from your professional area on **our website**, before any return of equipment.

www.pool-technologie.com

- 1. Using your credentials, log in to you professional account on our website pool-technlogie.com and create your return request.
- 2. After your request is approved, **download and print your Return Merchandise Authorization (RMA**) document (which must be included with your package).
- 3. After receiving your package, our after-sales service will conduct an assessment of the equipment.
- 4. If the warranty is applicable : Repair and return of the equipment. If the warranty is not applicable : Quotation issuance for the repair approval.
- **5.** For repair quotation requests, a detailed proposal for refurbishment will be provided to you through you professionnal account.

Reminder : No work will commence before the acceptance of the quotation. Any accepted quotation must include :

- The « Accepted quotation » box checked,
- Name and signature
- Company seal

A declined quotation should be returned under the same conditions but with the mention of :

- « Quotation declined, equipment to be returned »
- Name and signature
- Company seal

A handling fee of 50€ including taxes Will be applied, return transportation costs are additional.

In the event of a repair proposal with no response from you, the equipment will be destroyed after a 3-month period from the date of the quotation issuance.

WARRANTY FOR AFTER-SALES SERVICE

Repairs performed by the after-sales service as well as the spare parts used in the course of the intervention, are covdered by a 3-month warranty.

Notes	

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