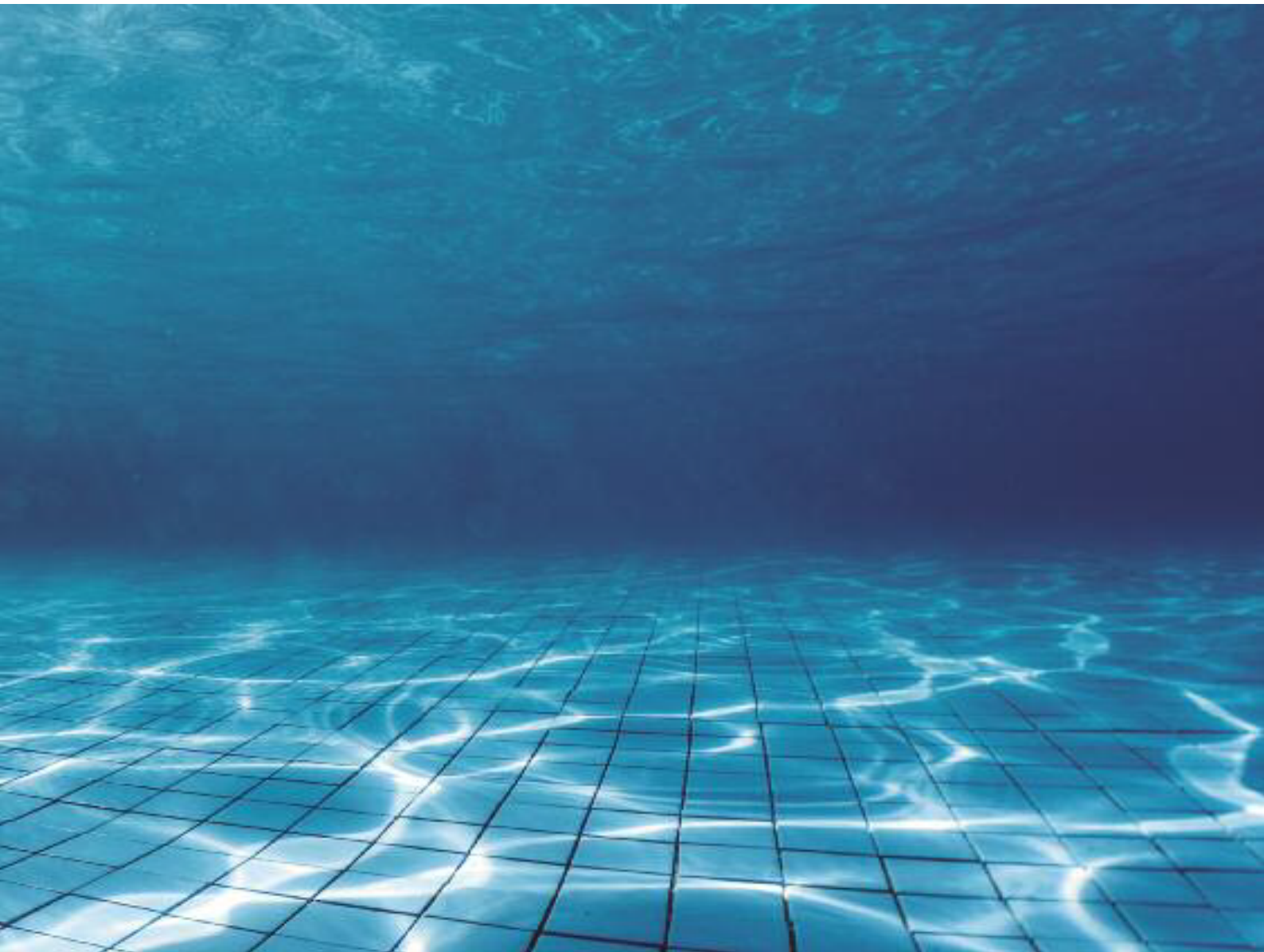


Solutions for  
**Pools & Wellness**



**seko**

# Content

**Introduction** page 04

**Equipment for Residential Pools and Wellness** page 06

- Single pump
- Double pumps
- Triple pumps
- Pre-assembled panel-mounted

**Equipment for Professional Pools** page 16

- Photometer Systems and PoolPhotometer
- Kontrol Panel and Kontrol Guard Tech
- Dosing pumps panel with controllers

**Equipment for Pools & Wellness** page 26

- Dosing metering pumps
- Controllers and portable controllers
- Blower Side Channel compressors
- Pool Cleaning Station

**Accessories** page 32

- Probes
- Modular Probes Holder
- By-Pass probe holders and clamp saddles
- Cables
- Buffer solution pH/ORP
- Housing and filter cartridges 5"
- Water meter pulse sender
- Tank, Uncovered tank, Reinforced and Mixers

**Additional Information** page 42



# How SEKO works for You

From the spark of an idea, through to the delivery of a solution, SEKO is with you all the way

SEKO supports its customers in every phase of a project, from the inception of an idea or request, through design and testing to launch and installation. Our in-house research, design and development teams work closely with the local teams, drawing on customer and market inputs. Then using state-of-the-art technologies to optimize costs and using our own specifically designed test benches to ensure rigorous, robust testing, we ensure a quality solution is delivered quickly to market.

No matter which processes and applications are planned SEKO has a solution in the cleaning and hygiene of kitchens and laundries and surfaces of all types in applications like **Offices and Restaurants, Hospitals and Hotels, Retailers and Schools, Car Washes and Swimming Pools, Cooling Towers, Energy, Food & Beverage, Water & Gas Utilities Potable and Waste Water Treatment.**

## 1 Partnership Philosophy

Being a privately-owned business means that we are here for the long term and can plan projects with and for our Customers, where both parties benefit. It means we can rapidly take decisions to invest our resources to ensure our optimum solutions are delivered.

## 2 Your Business, Our Solutions

Our extensive product range represents a unique combination of design, development and implementation know how. With a wide and ever evolving range of products and ancillaries, we can offer specific and comprehensive solutions for a variety of industrial applications. Our solutions are conceived to fit seamlessly into your operation, optimizing the processes and applications

## 3 Uniquely Positioned

SEKO's 3 business units, Cleaning & Hygiene, Water & Industry and Industrial Processes puts us in a unique position to be able to respond to the widest range of business needs, with a broad range that allows you the Customer to deal with just one company, simple.



# Pools & Wellness

## An ever-evolving set of solutions for pristine pools

SEKO has been at the forefront of developing solutions for both residential and professional swimming pools for many years and has always delivered the most efficient, practical and complete solutions for the reseller or for the installer.

SEKO's design and manufacturing processes ensure all our solutions and systems deliver:

### Precision and Consistency

Ensuring that water quality is always at its best, balancing the variables that impact it, demands measuring and dosing systems with the highest accuracy and built with precision in mind and that can function in both indoor and outdoor environments. Parameters measured include: pH, ORP, Conductivity, Chlorine, Oxygen, Turbidity, Peracetic Acid, Ozone, Bromine, Peroxide and Flow rate.

### Safety and Reliability

The safety of customers, installers and operators is paramount, requiring the very best in terms of design and features. From the IP65 class enclosures of our dosing systems and controllers through to the precise choice of materials used to ensure full chemical compatibility over time, safety is at the forefront of our design ethos. Reliability drives good safety, and all SEKO's products are fully tested prior to leaving our warehouse.

### Ease of Use and Installation

As a Global company, SEKO is attuned to the differing needs of individual markets. When we design a new product, we ensure that installation is simple, we use uniform programming language solutions, that are intuitive and easy to understand and which on our Controllers is also available in multiple languages. From our plug and play residential systems, through to our complex professional systems for Water parks, these characteristics are always present.

### Operational Efficiency

From the domestic pool to the largest water parks, the costs of running a pool require close management, and for the larger public pools and water parks the question of water quality, and clarity of appearance become more critical from a brand safety and image point of view. Our SEKONet system offers significant benefits for larger water parks being able to monitor and control up to 99 controllers, giving peace of mind and outstanding operational benefits. From the simple plug and play residential product range, through to our Professional ranges and our Custom build options, SEKO has the range of pumps and controllers that will keep a pool crystal clean.







equipment for

# Residential Pools and Wellness

page 08

## Single Pump

pH

ORP

Timed dosing

Proportional dosing

page 11

## Double pumps

pH ; ORP

pH ; H<sub>2</sub>O<sub>2</sub>

pH minus ; pH plus

pH ; Flocculant

pH ; Chlorine

pH ; ORP ; Circulation pump and boiler automation

page 13

## Triple Pumps

pH ; ORP ; Flocculant

pH minus ; ORP ; pH plus

pH ; ORP ; Chlorine ; Flocculant

pH ; ORP ; Circulation pump and boiler automation

page 14

## Pre-assembled panel-mounted

pH ; ORP controller

pH ; ORP double peristaltic pumps

pH ; ORP double solenoid pumps

# Single pump systems

## Analogue and digital peristaltic or solenoid dosing systems

SEKO's principal offering for the residential pool market. Thanks to a user-friendly combination of products consisting of controllers and integrated proportional dosing pumps, the end user can adjust pH and chlorine values as required, .

- Easy parameter setting
- Proportional dosing by time (PWM function)
- Calibration process uses high quality pH and ORP probes
- Extra dosing available thanks to pH and chlorine relay
- Installation kit included
- No technical skill required
- Remote alarm relay
- Circulation pump checks "Power On" flow trigger
- Input level probe checks product levels
- Multi language menu

### Main board

Alphanumeric display 16 letters X 2 lines  
Power supply 220÷240 Vac 50/60Hz

### Enclosure box

Dimensions 234 x 162 x 108 mm  
Material PP  
Protection degree IP65

### Installation kit included

- pH and ORP probes
- Pressurized probes holder
- pH and ORP buffer solutions
- Piping DN50
- Ceramic foot filter and FPM non return valve
- 4x6 and 8x12 PVC and PE tubes

## PoolKronos 10

PoolKronos 10 is a peristaltic dosing system using **built in controllers for pH/ORP** measurement designed specifically for Swimming Pool applications and offers flexibility of installation, user-friendliness in programming and a constant chemical dosing by pH or ORP analysis.



**Models** pH 6.6÷8.0 ; ORP 600÷1000 mV

**Pool Size** Indoor from 1m<sup>3</sup> to 250m<sup>3</sup> ;  
Outdoor from 1m<sup>3</sup> to 110m<sup>3</sup>

**1 peristaltic dosing pump with three PVDF roller**  
Santoprene **tubing** ; **Flow rate** 1,5 l/h ; **Pressure** 1,5 bar

**Main board** Display LCD 7 segment ;  
**Power supply with galvanised electrical insulation**  
100÷240 Vac 50/60Hz

**Enclosure box** Dimensions 204 x 76 x 124 mm ;  
**Material** PP with fiber glass



## PoolKronos 20

PoolKronos 20 builds on the PoolKronos 10 peristaltic system. Designed specifically for Swimming Pool applications, it also uses **built in controllers for pH/ORP analysis** and delivers installation flexibility, user-friendly programming and constant chemical dosing using pH or ORP analysis. The PoolKronos 20 has an **improved LCD display** for ease of reading measurements.

**Models** pH 4÷10 ; ORP 450÷900 mV

**Pool Size Indoor** from 1m<sup>3</sup> to 250m<sup>3</sup> ;

**Outdoor** from 1m<sup>3</sup> to 110m<sup>3</sup>

**Features** Santoprene **tubing with three PVDF roller** ;

**Flow rate** 1,5 l/h ; **Pressure** 1,5 bar

**Main board Display** LCD 8 letters x 2 lines ;

**Power Supply** 100÷240 Vac 50/60Hz with galvanised electrical insulation

**Enclosure box Dimensions** 204 x 76 x 124 mm ;

**Material** PP with fiber glass ; **Protection degree** IP65



## PoolKronos 50

PoolKronos 50 has the broadest range of measurement of the PoolKronos range coming also with a **bigger 16 letter LCD display**. As with the rest of the PoolKronos products, it uses **built in controllers for pH/ORP analysis**. Similarly it is extremely flexible in terms of installation, user-friendly for programming and offers constant chemical dosing by pH or ORP analysis.

**Models** pH 0÷14 ; ORP 0÷2000 mV

**Pool Size Indoor** from 1m<sup>3</sup> to 250m<sup>3</sup> ;

**Outdoor** from 1m<sup>3</sup> to 110m<sup>3</sup>

**Features** SekoExtra **tubing with three PVDF roller** ;

**Flow rate** 2÷2000 ml/h ; **Pressure** 0,1÷3 bar

**Main board Display** LCD 16 letters x 2 lines ;

**Power supply** 100÷240 Vac 50/60Hz with galvanised electrical insulation.

**Enclosure box Dimensions** 207 x 117 x 145 mm ;

**Material** ABS ; **Protection degree** IP65



## PoolBasic LED

PoolBasic LED is a user-friendly **combined system with a peristaltic pump and single measurement** with **automatic proportional dosing** that enables chemical adjustment for for above ground pools.

**Models** pH 6.2÷8.2 ;

ORP 480÷750 mV / 660÷930 mV

**Pool Size Indoor** from 5m<sup>3</sup> to 130m<sup>3</sup> ;

**Outdoor** from 5m<sup>3</sup> to 110m<sup>3</sup>

**1 peristaltic dosing pump** Santoprene **tubing** ;

**Flow rate** 1,5 or 5 l/h ; **Pressure** 1,5 bar

**Main board Display** LED



## PoolBasic Plus

PoolBasic Plus delivers a user-friendly solution combining a **peristaltic pump** and **single measurement** with **automatic proportional dosing** that adjusts the chemical parameters for above ground pools.

**Models** pH 0÷14 ; ORP 0÷1000 mV ;  
ORP with shuko

**Pool Size** Indoor from 1m<sup>3</sup> to 250m<sup>3</sup> ;  
Outdoor from 1m<sup>3</sup> to 110m<sup>3</sup>



**1 peristaltic dosing pump** Santoprene tubing ;  
Flow rate 1,5 or 5 l/h ; Pressure 1,5 bar

## Kontrol Invikta

Like PoolBasic Plus, Kontrol Invika delivers a user-friendly solution combining a **solenoid pump** and **single measurement** with **automatic proportional dosing** but for larger volume above ground, indoor and outdoor pools.

**Models** pH 0÷14 ; ORP 0÷1000 mV

**Pool Size** Indoor from 50m<sup>3</sup> to 350m<sup>3</sup> ;  
Outdoor from 50m<sup>3</sup> to 300m<sup>3</sup>

**Main board** Power supply 100÷240 Vac 50/60Hz



**1 solenoid dosing pump** Proportional Dosing FWM (Frequency with Modulation) ; Flow rate 5 l/h ;  
Pressure 5 bar ; Wetted parts Body in PVC, membrane in PTFE

## Basic Series

The Basic Series, despite its name, offers an advanced combined system with a **peristaltic pump** and either **automatic proportional or timed dosing** to adjust key chemical parameters in domestic, above ground pools and SPA.

**Installation kit included only** with Ceramic Foot filter ;  
FPM non return valve ; 4x6 and 8x12 PVC and PE tubes

**Models** PRO Input 4÷20mA ; TIME Weekly timer



**Pool Size** from 1m<sup>3</sup> to 250m<sup>3</sup>

**1 peristaltic dosing pump** Santoprene tubing ;  
Flow rate 25÷9750 ml/h ; Pressure 1,5 bar

# Double pump systems

## Digital peristaltic or solenoid dosing systems

SEKO has developed new advanced combined systems for the hotel and SPA industries, featuring amperometric chlorine measurements which ensure full compliance with most local legislation.

- Advanced parameter setting
- Proportional dosing by time (PWM function)
- Calibration process uses high quality pH and ORP probes
- Extra dosing available thanks to pH and chlorine relay
- Installation kit included
- Amperometric sensor measures chlorine PPM
- No technical skill required
- Remote alarm relay
- Circulation pump checks "Power On" flow trigger
- Input level probe checks product levels
- Multi language menu
- Circulation and boiler controller

### Main board

Display LED

Power supply 220÷240 Vac or 100÷240 Vac 50/60Hz

### Enclosure box

Dimensions 286 x 234 x 108 mm

Material PP

Protection degree IP65

### Installation kit included

- pH and ORP probes, amperometric chlorine cell
- By-pass and pressurized probe holder
- pH and ORP buffer solutions
- Piping DN50 ; brass brush
- 5" with 80 µm cartridge, ceramic foot filter and FPM non return valve
- 4x6 and 8x12 PVC and PE tubes

## Kommander

Kommander is an advanced combined system with **two peristaltic pumps** with **either automatic proportional or timed dosing** that adjusts chemical parameters for both outdoor pools and wellness centers.

**Installation kit included** pH and ORP probes, temperature sensor, pH and ORP buffer solutions, piping DN50, ceramic foot filter, FPM non return valve, 4x6 and 8x12 PVC and PE tubes

**Models** pH 0÷14 ; ORP 0÷1000 mV

**Pool Size** Indoor from 1m<sup>3</sup> to 250m<sup>3</sup> ; Outdoor from 1m<sup>3</sup> to 110m<sup>3</sup>



### 2 peristaltic dosing pump

Santoprene tubing ;

Flow rate 1,5 or 5 l/h ; Pressure 1,5 bar

**Circulation pump and boiler** 1,5 kW  
action by relay



## PoolBasic Pro

Offering the fullest range of possible measurements, the PoolBasic Pro range still offers a user-friendly solution. It **combines two peristaltic pumps** and a **multi measurement capability** with **automatic proportional dosing** designed for above ground pools, indoor, outdoor pools.

### Models

- pH 0÷14 ; ORP 0÷1000 mV
- pH 0÷14 ; ORP with shuko
- pH+ 0÷14 ; pH- 0÷14
- pH 0÷14 ; Flocculant
- pH 0÷14 ; Hydrogen peroxide(\*)
- pH 0÷14 ; ORP 0÷1000 mV ; Conductivity 0÷20000 µS
- pH 0÷14 ; ORP 0÷1000 mV ; Free chlorine 0÷5,00 ppm(\*\*)
- With ModBUS
  - pH 0÷14 ; ORP 0÷1000 mV ; Free Chlorine 0÷5 ppm(\*\*)
- B-Weekly
  - pH 0÷14 ; Hydrogen peroxide(\*)
- SPA
  - pH 0÷14 ; ORP 0÷1000 mV
  - pH 0÷14 ; ORP 0÷1000 mV ; Free chlorine 0÷5 ppm(\*\*)



(\*) By time and temperature compensation

(\*\*) With Free Chlorine Amperometric probe

**Pool Size Indoor** from 1m<sup>3</sup> to 250m<sup>3</sup> ;  
**Outdoor** from 1m<sup>3</sup> to 110m<sup>3</sup>

### 2 peristaltic dosing pump

Santoprene tubing ;

Flow rate 1,5 or 5 l/h ; Pressure 1,5 bar

## Kontrol Invikta Double

Designed for larger pools, Kontrol Invikta Double combines **two solenoid pumps** with a **multi measurement capability** and an **automatic proportional dosing system** to deliver balanced chemical parameters for above ground and indoor and outdoor pools.

### Models

- pH 0÷14 ; ORP 0÷1000 mV
- pH 0÷14 ; ORP 0÷1000 mV ; Free chlorine 0÷5 ppm  
(with Free chlorine amperometric probe)

**Pool Size Indoor** from 50m<sup>3</sup> to 350m<sup>3</sup> ;  
**Outdoor** from 50m<sup>3</sup> to 300m<sup>3</sup>

**Main board Power supply** 100÷240 Vac 50/60Hz



**2 solenoid dosing pump** Proportional  
Dosing FWM (Frequency with Modulation)  
Flow rate 5 l/h ; Pressure 5 bar ; Wetted  
parts Body in PVC, membrane in PTFE

# Triple pump systems

## Digital peristaltic or solenoid dosing systems

SEKO's triple pump systems have been developed to feature an innovative system to control circulation pumps and boilers for hotel swimming pools and spas and that fully comply with legislation.

### Main board

Display LED  
Power Supply 220÷240 Vac 50/60Hz

### Enclosure box

Dimensions 286 x 234 x 108 mm  
Material PP  
Protection degree IP65

### Installation kit included

- pH and ORP probes, amperometric chlorine cell
- By-pass and pressurized probe holder
- pH and ORP buffer solutions
- Piping DN50 ; brass brush
- 5" with 80 µm cartridge, ceramic foot filter and FPM non return valve
- 4x6 and 8x12 PVC and PE tubes

## PoolBasic Pro

PoolBasic Pro offers a user-friendly solution. It **combines three peristaltic pumps** and **a multi measurement capability** with **automatic proportional dosing** designed for above ground pools, indoor, outdoor pools.

### Models

- pH 0÷14 ; ORP 0÷1000 mV ; Flocculant
- pH+ 0÷14 ; ORP 0÷1000 mV ; pH- 0÷14
- pH 0÷14 ; ORP 0÷1000 mV ; Flocculant ;  
Free chlorine 0÷5 ppm (with Free chlorine amperometric probe)

**Pool Size Indoor** from 1m<sup>3</sup> to 250m<sup>3</sup> ;  
**Outdoor** from 1m<sup>3</sup> to 110m<sup>3</sup>



### 3 peristaltic dosing pump

Santoprene tubing ;  
Flow rate 1,5 or 5 l/h ; Pressure 1,5 bar

## Kommander

Kommander is an advanced combined system with **three peristaltic pumps** with **either automatic proportional or timed dosing** that adjusts chemical parameters for both outdoor pools and wellness centers.

**Installation kit included** pH and ORP probes, temperature sensor, pH and ORP buffer solutions, piping DN50, ceramic foot filter, FPM non return valve, 4x6 and 8x12 PVC and PE tubes

**Models** pH 0÷14 ; ORP 0÷1000 mV ; Flocculant

**Pool Size Indoor** from 1m<sup>3</sup> to 250m<sup>3</sup> ; **Outdoor** from 1m<sup>3</sup> to 110m<sup>3</sup>



### 3 peristaltic dosing pump

Santoprene tubing ;  
Flow rate 1,5 or 5 l/h ; Pressure 1,5 bar

**Circulation pump and boiler** 1,5 kW  
action by relay

# Pre-assembled panel-mounted

The pre-assembled panels of SEKO's range offer advanced solutions for residential swimming pools. A flexible system for quick installation, that combines a number of products assembled on a small panel, including a by-pass probe holder, electrical box and controller unit.

- Advanced parameter setting
- Proportional dosing by time (PWM function)
- Calibration process uses high quality pH and ORP probes
- Extra dosing available thanks to pH and chlorine relay
- Installation kit included
- Amperometric sensor measures chlorine PPM
- No technical skill required
- Remote alarm relay
- Circulation pump checks power on "Flow Trigger"
- Input level probe checks product levels
- Multi language menu
- Circulation and boiler controller

## Main board

Alphanumeric display 16 letters x 2 lines  
Power supply 100÷240 Vac 50/60Hz

## Enclosure box

Dimensions 630 x 420 x 10 mm  
Material PP  
Protection degree IP65

## Installation kit included

- pH and ORP probes
- pH and ORP buffer solutions
- Ceramic foot filter and FPM non return valve
- 4x6 and 8x12 PVC and PE tubes

## Easy Panel

A simple pre-assembled panel with an automatic proportional dosing system for simple chemical parameter regulation for indoor and outdoor pools.

**Installation kit included** pH and ORP Probes, pH and ORP buffer solutions

**Models** pH 0÷14 ; ORP 0÷1000 mV

**Pool Size Indoor** from 1m<sup>3</sup> to 250m<sup>3</sup> ;  
**Outdoor** from 1m<sup>3</sup> to 110m<sup>3</sup>

### Hydraulic Probe Holder

2 PSS7 (single probe)  
2 Washable cartridge filters (80 µm)



### Main board

**Cable Box** with power supply 230Vac to connect external dosing pump  
**Relay 250 V 10 A** (Resistive Load) each measure



## Easy Basic

An entry level pre-assembled panel with an automatic proportional dosing system for simple chemical parameter regulation for above ground pools.

**Models** pH 0÷14 ; ORP 0÷1000 mV

**Pool Size** Indoor from 1m<sup>3</sup> to 250m<sup>3</sup> ;  
Outdoor from 1m<sup>3</sup> to 110m<sup>3</sup>

**2 peristaltic dosing pump**

Santoprene tubing ;

Flow rate 1,5 or 5 l/h ; Pressure 1,5 bar



**Hydraulic Probe Holder**

2 PSS7 (single probe)

2 Washable cartridge filters (80 µm)

## Easy Invikta

A simple pre-assembled panel with an automatic proportional dosing system with solenoid pumps for simple chemical parameter regulation for above ground pools.

**Models** pH 0÷14 ; ORP 0÷1000 mV

**Pool Size** Indoor from 1m<sup>3</sup> to 250m<sup>3</sup> ;  
Outdoor from 1m<sup>3</sup> to 110m<sup>3</sup>

**2 solenoid dosing pump** Proportional Dosing FWM  
(Frequency with Modulation) Flow rate 5 l/h ;  
Pressure 5 bar ; Wetted parts Body in PVC, membrane  
in PTFE



**Hydraulic Probe Holder**

2 PSS7 (single probe)

2 Washable cartridge filters (80 µm)



equipment for

# Professional Pools

page 18

## Photometer Systems and PoolPhotometer

---

 DPD Free Chlorine ; pH ; ORP ; Temperature

---

 DPD Free/Total chlorine ; pH ; ORP ; Temperature

---

 DPD Free/Total and Combine chlorine ; pH ; ORP ; Temperature

page 20

## Kontrol Panel and Kontrol Guard Tech

---

 pH ; ORP ; Temperature

---

 pH ; Free chlorine (Amperometric / Potentiostatic cell) ; Temperature

---

 pH ; Free Chlorine (Amperometric / Potentiostatic Cell) ; ORP ; Temperature

---

 pH ; Free/Total and Combine chlorine (Amperometric / Potentiostatic Cell) ; ORP ; Temperature

page 24

## Dosing pump panels with controllers

---

 pH ; ORP ; Temperature

---

 pH ; Free/Total chlorine ; Temperature

---

 pH ; Peracetic acid ; Temperature

---

 pH ; Hydrogen peroxide ; Temperature



# Photometer

The main solution for professional swimming pools, Pool photometer is a complete controller that checks Free, Total and Combined Chlorine in the water. Thanks to its use of the DPD analysis method, it ensures a perfect analysis every time.

- Professional parameter setting
- Proportional dosing
- Calibration process uses high quality pH and ORP probes
- Extra dosing available thanks to pH and chlorine relay
- Installation kit included
- DPD analysis method measures Chlorine PPM
- Technical skill required
- Graphic display controller
- Remote alarm relay
- Input level probe checks product levels
- Multi language menu

## Hydraulic probe holders

Features a new hydraulic device that comes with a water drain dedicated to chemical reagents used that are used during chlorine measuring. This allows a reduction in the amount of water used for chlorine measurement.

The water that is used for the pH and ORP probes can be returned to the compensation basin, while only the water containing chemical DPD reagent will be discharged into special tanks ensuring compliance with local laws. Fast installation comes thanks to quick couplings for water Inlet and outlet fixings.

The optical unit assures a very high accuracy level of chlorine measurement **with a 520 nm sensor and LED light device. All Photometer Systems use DPD powder for dilution prior to use that offers a reliable solution at each use.**



- Probe holder plexiglass body and photometer chamber
- Inlet and Outlet tubes : 8x12 mm
- Back pressure ; Temperature : 60 °C

## Main board

Graphic display 240x128 pixel with back light

Power supply 100÷240 Vac 50/60Hz

Multilingual controller interface makes for simple operation

The graphic display provides graphical historical reports for each measure thanks to the built-in data logger

## Installation kit included

- pH and ORP Probes
- pH and ORP Buffer solutions
- DPD Buffer Solution

## Photometer Systems

The SEKO Photometer Systems combine "6 parameter" multi-parameter controllers with a sampler dedicated to chlorine measurement.

### Models

- Chlorine 0÷5 ppm(\*) ; pH 0÷14
- Version for Sea water application
- Chlorine 0÷5 ppm(\*) ; pH 0÷14 ;  
ORP ± 1500 mV
- Chlorine 0÷5,00 ppm(\*) ; Combined chlorine(\*\*)  
pH 0÷14 ; ORP ± 1500 mV

### DPD pump

Peristaltic pump with 2 mechanical support ; Silicon tube 3x5 mm ; Flow rate 0,15 cc sample measure ; Back pressure ; DPD Chemical 1 liters 24 days at 5 minute period sample

**Enclosure box** Dimensions 276 x 514 x 127 mm ;  
Material ABS ; Protection degree IP65



(\*) DPD Method Light wavelength 520 nm

(\*\*) Using software

Temperature : 0÷100°C with PT100/PT1000 sensors

## PoolPhotometer

The SEKO Pool Photometer features a "4 parameter" multi-parameter controllers combined with a sampler dedicated to chlorine measurement.

### Models

- Chlorine 0÷5 ppm(\*) ; pH 0÷14 ;  
ORP ± 1500 mV
- with Data logger included
- with Probe holder for Hydraulic closed loop

### DPD pump

Peristaltic pump with 2 mechanical support ; Silicon tube 3x5 mm ; Flow rate 0,07 cc sample measure ; Back pressure ; DPD Chemical 1 liters 60 days at 5 minutes period sample

**Enclosure box** Dimensions 630 x 420 x 10 mm ;  
Material PP ; Protection degree IP65



(\*) DPD Method Light wavelength 520 nm

Temperature : 0÷100°C with PT100/PT1000 sensors

# Kontrol Panels

Ultimate flexibility offered for the professional pool market comes from the Kontrol 800 panel range, which assures a complete and superior system to control large complex pool systems.

- Professional parameter setting
- Proportional dosing
- Calibration process uses high quality pH and ORP probes
- Extra dosing available thanks to pH and chlorine relay
- Installation kit included
- Technical skill required
- Amperometric measurement of chlorine PPM value
- 4 line, 20 character display controller
- Remote alarm relay
- Input level probe checks product levels
- Multi language menu
- Tekna Panel skid for quick installation

## Kontrol 800 Panel

A pre-assembled, panel-mounted system that manages and adjusts the pH and chlorine levels with automatic proportional dosing for public pools.

### Models with Amperometric Probes

- pH 0÷14 ; ORP  $\pm$  1500 mV
- Chlorine 0÷5 ppm ; pH 0÷14
- Chlorine 0÷5 ppm ; pH 0÷14 ; ORP  $\pm$  1500 mV
- Chlorine 0÷5 ppm

### Models with Potenziostatic Probes

- Chlorine and Chlorine dioxide 0÷0,5/ 1/ 2/ 5/ 10/ 20/ 200 ppm
- Chlorine and Chlorine dioxide 0÷0,5/ 1/ 2/ 5/ 10/ 20/ 200 ppm ; pH 0÷14
- Chlorine and Chlorine dioxide 0÷0,5/ 1/ 2/ 5/ 10/ 20/ 200 ppm ; pH 0÷14 ; ORP  $\pm$  1500 mV

### Hybrid model

- Free amperometric chlorine, Total potentiostatic chlorine, Combined chlorine (Using software) 0÷0,5/ 1/ 2/ 5/ 10/ 20/ 200 ppm ; pH 0÷14 ; ORP  $\pm$  1500 mV

### Hydraulic probe holders

Transparent modular probe holder PSS-Plexi ;  
Inlet and outlet tubes 8x12 mm ; Pressure 5 bar ;  
Temperature 60 °C



### Main board

Alphanumeric display 20 letters X 4 lines;  
Power supply 100÷240 Vac 50/60Hz

### Enclosure box

Dimensions 276 x 514 x 127 mm ; Material PP ;  
Protection degree IP65

### Installation kit included

- pH and ORP probes, chlorine amperometric cell
- By-pass probe holder
- pH and ORP buffer solutions
- Brass Brush
- 5" with 80  $\mu$ m cartridge





## PoolWare Kit for Kontrol 800 Panel

PoolWare software can control up to 99 Kontrol 800 panels simultaneously thanks to a data network.

It is possible to connect every unit to a PC which means a single software programme can set and manage all the system parameters.

## Tekna Panel Skid for Kontrol 800 Panel

A pre-assembled, panel-mounted skid featuring solenoid dosing pumps and controllers that comes in both a digital and analogue version.

### Models

- ANALOGUE 2 Tekna AKL
- DIGITAL 2 Tekna TPG

### Pool Size with Tekna 603

**Indoor** from 150m<sup>3</sup> to 600m<sup>3</sup> ;  
**Outdoor** from 100m<sup>3</sup> to 500m<sup>3</sup>

### Pool Size with Tekna 803

**Indoor** from 300m<sup>3</sup> to 1500m<sup>3</sup> ;  
**Outdoor** from 200m<sup>3</sup> to 1200m<sup>3</sup>

### Solenoid dosing pumps

- Tekna AKL 603 or 803 analogue solenoid dosing pump with constant flow rate manually adjustable
- Tekna TPG 803 digital solenoid dosing pump with manually adjustable constant flow rate, or with proportional flow rate according to an external analogue (4÷20 mA) or digital signal (water meter)
- Flow rate (603) 4÷8 l/h ; Pressure (603) 2÷12 bar
- Flow rate (803) 20÷110 l/h ; Pressure (803) 0,1÷5 bar
- Wetted parts Body in PVDF ; Membrane in PTFE



### Main board

**Alphanumeric display** 20 letters x 4 lines ;  
**Power supply** 100÷240 Vac 50/60Hz

### Enclosure box

**Dimensions** 600 x 300 x 10 mm ; **Material** PVC ;  
**Protection degree** IP65

### Installation kit included

- Ceramic Foot filter and FPM non return valve

# Kontrol Guard Tech

The Kontrol Guard Tech is the most advanced in the SEKO range of controllers. The new Kontrol Guard Tech unit, with its 5" digital graphic display, combines the traditional elements of control and dispensing with a totally digital control system, which facilitates the setting and monitoring of various parameters, depending on the application, using and comparing historic values to identify or analyze any errors.



- New box design, with increased instrument protection
- Graphic display 5" (240x128 pixel) for easier reading
- Control unit with full parameter access for complete monitoring
- Communication via Serial Port RS485 by MODBUS RTU/ASCII protocol for remote control interface
- Easy to set parameters for quick technical overview
- Multiple language menu for flexible operator interface
- Control unit has galvanized electrical and measuring insulation to ensure reliable performance
- CE/UL compliant to ensure full health and safety compliance

## Intuitive Icons and Clear Display

Thanks to the high contrast image of the graphic display, and the easy to read and self explanatory icons that are used, the operator is guided step by step through the applications.

To improve the display legibility, the control unit has multiple screen settings available. The corresponding variable display backlighting allows the user to quickly understand which operating mode the device is currently operating.

### Models with Amperometric Probes

- Chlorine 0÷5 ppm
- Chlorine 0÷5 ppm ; pH 0÷14
- Chlorine 0÷5 ppm ; pH 0÷14 ; ORP  $\pm$  2000 mV
- Chlorine 0÷5 ppm ; pH 0÷14 ; ORP  $\pm$  2000 mV ; Turbidity(\*) 0,0÷4/ 40/400/4000 NTU

### Models with Potenziostatic Probes

- Chlorine and Dioxide 0÷1/ 5/ 10/ 20/ 200 ppm
- Chlorine and Dioxide 0÷1/ 5/ 10/ 20/ 200 ppm ; pH 0÷14
- Chlorine and Dioxide 0÷1/ 5/ 10/ 20/ 200 ppm ; pH 0÷14 ; ORP  $\pm$  2000 mV

### Hybrid model

- Free amperometric chlorine, Total potentiostatic chlorine, Combined chlorine(\*) 0÷1/ 5/ 10/ 20/ 200 ppm ; pH 0÷14 ; ORP  $\pm$  2000 mV
- Free amperometric chlorine, Total potentiostatic chlorine, Combined chlorine(\*) 0÷1/ 5/ 10/ 20/ 200 ppm ; pH 0÷14 ; ORP  $\pm$  2000 mV ; Turbidity(\*) 0,0÷4/ 40/ 400/4000 NTU

### pH/ORP model

- pH 0÷14 ; ORP  $\pm$  2000 mV

(\*) Using software

### Hydraulic probe holders

Transparent modular probe holder PSS-Plexi ;  
Inlet and Outlet tubes 8x12 mm ; Pressure 5 bar ;  
Temperature 60 °C

### Main board

Alphanumeric display 20 letters x 4 lines;  
Power supply 100÷240 Vac 50/60Hz

### Enclosure box

Dimensions 440 x 740 x 175 mm ; Material PP ;  
Protection degree IP65

### Installation kit included

- pH and ORP probes, chlorine amperometric cell
- By-pass probes holder
- pH and ORP buffer solutions
- Brass Brush
- 5" with 80  $\mu$ m cartridge

# Kontrol Tekna panels

Kontrol Tekna panels benefit from the robust Tekna range of pumps, offering the professional pool operator peace of mind and a completeness of range.

- Professional parameter setting
- Proportional dosing
- Calibration process uses high quality pH and ORP probes
- Extra dosing available thanks to pH and chlorine relay
- Installation kit included
- Technical skill required
- 4 line, 20 character display controller
- Remote alarm relay
- Multi language menu
- Potentiostatic measurement of chlorine PPM value

## Tekna features

### Compatible

The PVDF pump head that comes as standard offers complete compatibility for almost all chemicals that may be used in swimming pool water treatment. The ceramic ball valve which also comes as standard improves the pumping reliability and the chemical compatibility of the whole liquid end.

### Reliable

Advanced design and manufacturing processes allows SEKO's diaphragm to have a unique life expectancy. Made of pure solid PTFE, the diaphragm is compatible with most chemicals and has been rigorously tested allowing SEKO to guarantee its diaphragms for 5 years that means routine diaphragm replacement is no longer needed.

## Hydraulic probe holders

Transparent modular probe holder PSS-Plexi ;  
Inlet and Outlet tubes 8x12 mm ;  
Pressure 5 bar ;  
Temperature 60 °C

## Main board

Alphanumeric display 20 letters x 4 lines  
Power supply 100÷240 Vac 50/60Hz

## Enclosure box

Dimensions 700 x 420 x 10 mm  
Materia PVC  
Protection degree IP65

## Installation kit included

- pH and ORP probes
- By-pass probes holder
- pH and ORP buffer solutions
- 5" with 80 µm cartridge
- Ceramic Foot filter and FPM non return valve



## Tekna TPR Panel

A two solenoid dosing pump with control instruments pre-assembled panel-mounted system that features integrated by-pass hydraulic probe holders and transparent filter housing.

Comes with pre wired connections thanks to its IP65 standard electrical box

### Models

pH 0÷14 ; ORP  $\pm$  1500 mV

### Pool Size with Tekna 603

Indoor from 150m<sup>3</sup> to 600m<sup>3</sup> ;

Outdoor from 100m<sup>3</sup> to 500m<sup>3</sup>

### Pool Size with Tekna 803

Indoor from 300m<sup>3</sup> to 1500m<sup>3</sup> ;

Outdoor from 200m<sup>3</sup> to 1200m<sup>3</sup>



### 2 Solenoid dosing pumps

- 2 Tekna TPR 603 or 803 model with pH/ORP control meter built in
- Flow rate (603) 4÷8 l/h ; Pressure (603) 2÷12 bar
- Flow rate (803) 20÷110 l/h ; Pressure (803) 0,1÷5 bar
- Wetted parts Body in PVDF ; Membrane in PTFE

## Tekna TPR-TMP Panel

Offering a broader range of parameter measurements, Tekna TPR-TMP Panel is a two solenoid dosing pump with control instruments pre-assembled panel-mounted system that features integrated by-pass hydraulic probe holders and transparent filter housing.

Comes with pre wired connections thanks to its IP65 standard electrical box

### Models

pH 0÷14 ; ORP  $\pm$  1500 mV ; Chlorine and Dioxide 0÷0,5/ 1/ 2/ 5/ 10 / 20/ 200 ppm ; Peracetic acid 0÷500/ 2000/ 10.000/ 20.000 ppm ; Hydrogen peroxide 0÷500/ 1000/ 2000/ 10000 / 100000 ppm

### Pool Size with Tekna 603

Indoor from 150m<sup>3</sup> to 600m<sup>3</sup> ;

Outdoor from 100m<sup>3</sup> to 500m<sup>3</sup>

### Pool Size with Tekna 800

Indoor from 300m<sup>3</sup> to 1500m<sup>3</sup> ;

Outdoor from 200m<sup>3</sup> to 1200m<sup>3</sup>



### 2 Solenoid dosing pumps

- 1 Tekna TPR 603 or 800 model with pH/ORP control meter built in
- 1 Tekna TMP 603 or 800 model with Chlorine, Hydrogen Peroxide or Peracetic acid control meter built in
- Flow rate (603) 4÷8 l/h ; Pressure (603) 2÷12 bar
- Flow rate (800) 20÷54 l/h ; Pressure (800) 0,1÷5 bar
- Wetted parts Body in PVDF ; Membrane in PTFE





equipment for

# Pools & Wellness

page 28

## Dosing metering pumps

Peristaltic pump

Dynamik

Kronos

Invikta

Kompact

Tekna

Maxima

Spring

page 30

## Controllers

Kontrol 40

Kontrol 42

Kontrol 100

Kontrol 200

Kontrol 500

page 31

## Blower Side channel compressors

BL040

BL050

BL820

page 31

## Pool Cleaning Station



# Dosing metering pumps

A complete range of dosing pumps for Swimming pool applications with options to meet any need.

## Peristaltic pump

Basic peristaltic pumps for residential above ground pools

### Models

<b>PE1.5</b>	Flow rate 1,5 l/h ; Pressure 0,5 bar
<b>PE5</b>	Flow rate 5 l/h ; Pressure 0,5 bar
<b>PE4</b>	Flow rate 4 l/h ; Pressure 0,5 bar
<b>PE7</b>	Flow rate 7 l/h; Pressure 0,5 bar



**Pool Size Indoor** from 1m<sup>3</sup> to 250m<sup>3</sup> ;  
**Outdoor** from 1m<sup>3</sup> to 110m<sup>3</sup>

## Dynamik

Advanced peristaltic pumps for seasonal dosing action or micro dosing application

### Models

<b>CK</b>	Flow rate 4, 2 and 1 l/h ; Pressure 1,5 bar
<b>Pro</b>	Flow rate 2,5÷975 ml/h ; Pressure 1,5 bar



**Pool Size Indoor** from 1m<sup>3</sup> to 250m<sup>3</sup> ;  
**Outdoor** from 1m<sup>3</sup> to 110m<sup>3</sup>

## Kronos FM

Professional peristaltic pumps with step motor for high accuracy dosing action

### Models

<b>50 FM02</b>	Flow rate 2 l/h ; Pressure 3 bar
<b>50 FM10</b>	Flow rate 10 l/h ; Pressure 2 bar
<b>50 FM15</b>	Flow rate 15 l/h ; Pressure 0 bar



**Pool Size Indoor** from 1m<sup>3</sup> to 280m<sup>3</sup> ;  
**Outdoor** from 1m<sup>3</sup> to 160m<sup>3</sup>

## Invikta

Basic solenoid dosing pumps for residential outdoor pools

### Models

<b>KCL 633</b>	Flow rate 5 l/h ; Pressure 5 bar
<b>KCL 632</b>	Flow rate 2 l/h ; Pressure 7 bar



**Pool Size Indoor** from 1m<sup>3</sup> to 250m<sup>3</sup> ;  
**Outdoor** from 1m<sup>3</sup> to 110m<sup>3</sup>

## Kompact

Advanced solenoid pumps for medium sized indoor and outdoor pools

### Models

<b>AML 200</b>	Flow rate 5 or 3 l/h ; Pressure 8 or 10 bar
<b>AMM 200</b>	Flow rate 5 or 3 l/h ; Pressure 8 or 10 bar



**Pool Size Indoor** from 5m<sup>3</sup> to 250m<sup>3</sup> ;  
**Outdoor** from 5m<sup>3</sup> to 110m<sup>3</sup>

## Tekna

Professional solenoid pumps for medium or large indoor and outdoor pools

### Models

**ANALOGUE** Tekna AKL

**DIGITAL** Tekna TPG; Tekna TPR; Tekna TCK

### Version

- 603** Flow rate 4÷8 l/h ; Pressure 2÷12 bar  
**800** Flow rate 7÷18 l/h ; Pressure 1÷16 bar  
**803** Flow rate 20÷110 l/h ; Pressure 0,1÷5 bar



### Pool Size

**Indoor** from 5m<sup>3</sup> to 250m<sup>3</sup> ; **Outdoor** from 5m<sup>3</sup> to 110m<sup>3</sup>  
**Indoor** from 200m<sup>3</sup> to 750m<sup>3</sup> ; **Outdoor** from 150m<sup>3</sup> to 650m<sup>3</sup>  
**Indoor** from 300m<sup>3</sup> to 1500m<sup>3</sup> ; **Outdoor** from 200m<sup>3</sup> to 1200m<sup>3</sup>

## Maxima

Professional solenoid pumps for medium or large indoor and outdoor pools

### Models

**ANALOGUE** Tekna MKL

**DIGITAL** Tekna MPG; Tekna MPR

### Version

- 603** Flow rate 4÷8 l/h ; Pressure 2÷12 bar  
**800** Flow rate 7÷18 l/h ; Pressure 1÷16 bar  
**803** Flow rate 20÷110 l/h ; Pressure 0,1÷5 bar



### Pool Size

**Indoor** from 5m<sup>3</sup> to 250m<sup>3</sup> ; **Outdoor** from 5m<sup>3</sup> to 110m<sup>3</sup>  
**Indoor** from 200m<sup>3</sup> to 750m<sup>3</sup> ; **Outdoor** from 150m<sup>3</sup> to 650m<sup>3</sup>  
**Indoor** from 300m<sup>3</sup> to 1500m<sup>3</sup> ; **Outdoor** from 200m<sup>3</sup> to 1200m<sup>3</sup>

## Spring

Professional plunger metering dosing pumps for large indoor and outdoor pools

### Models

- MS1** Flow rate 220 l/h ; Pressure 7 bar  
 Flow rate 310 l/h ; Pressure 7 bar  
**MS0** Flow rate 30 l/h ; Pressure 5 bar  
 Flow rate 42 l/h ; Pressure 5 bar



### Pool Size

- MS1** **Indoor** from 4000m<sup>3</sup> to 10000 m<sup>3</sup> ; **Outdoor** from 1000m<sup>3</sup> to 6000m<sup>3</sup>  
**MS0** **Indoor** from 400m<sup>3</sup> to 2200 m<sup>3</sup> ; **Outdoor** from 300m<sup>3</sup> to 1800m<sup>3</sup>



# Controllers

A complete range of controller instruments for Swimming pool applications with the flexibility to meet every need.

## Kontrol Flow 40

Basic Controller

### Models

Flow rate 99 999,99 L/sec

---



## Kontrol 42

Advanced double parameter controller

### Models

pH 0÷14 ; ORP ± 1500 mV

pH 0÷14 ; ORP ± 1500 mV; Flow rate 99 999,99 L/sec

---



## Kontrol 100

Professional single parameter controller with data logger included

### Models

pH 0÷14

ORP ± 1500 mV

Chlorine and Dioxide 0÷0,5/ 1/ 2/ 5/ 10/ 20/200 ppm

---



## Kontrol 200

Advanced single parameter controller

### Models

pH 0÷14

ORP ± 1500 mV

Turbidity 0÷40 NTU/FTU

Chlorine and Dioxide 0÷0,5/ 1/ 2/ 5/ 10/ 20/200 ppm

---



## Kontrol 500

Professional single parameter controller with data logger included

### Models

pH 0÷14

ORP ± 1500 mV

Chlorine and Dioxide 0÷0,5/ 1/ 2/ 5/ 10/ 20/200 ppm

---



# Blower Side channel compressors

Blower system for Wellness and Professional Swimming pool applications.

- We carry a complete line of high quality, quiet yet powerful replacement air blowers for your swimming pools and spas
- Air Blower provide circulation and therapeutic action for both pools and spas.



## BL040

**Range** 0÷200 mbar ;  
**Flow rate** 140÷30 m<sup>3</sup>/h ;  
**Output power** 0.85÷1.3 kW ;  
**Noise** 63÷64 dB



## BL050

**Range** 0÷275 mbar ;  
**Flow rate** 210÷25 m<sup>3</sup>/h ;  
**Output power** 1.5÷2.2 kW ;  
**Noise** 64÷70 dB



## BL820

**Range** 0÷650 mbar ;  
**Flow rate** 520÷240 m<sup>3</sup>/h ;  
**Output power** 5.5÷17.3 kW ;  
**Noise** 74÷78 dB

# Pool Cleaning Station

Specifically designed for intensive cleaning and disinfection of floors and surfaces.

- It avoids water wastage contributing to environmental protection and cost optimization
- Offers effective mixing thanks to assisted calibration
- Works without electricity or compressed air





# Accessories

page 34-35

**Probes**

pH

ORP

Chlorine

Temperature

Turbidity

Flow rate

page 36

**Modular probe holder** (Patented product)

page 36-37

**By-Pass probe holders and clamp saddles**

pag 37

**Cables**

pag 37

**Buffer solution pH/ORP**

pag 37-38

**Housing and filter cartridges 5"**

pag 38-39

**Water meter pulse sender**

pag 39

**Tank, Uncovered tank, Reinforced and Mixers**

# Accessories

SEKO has developed a full range of accessories to ensure technical installers have every element they need to deliver the most professional installation.

## SPH pH probes

### Models

SPH-1 1.5M	Range 2÷12 pH ; Pressure 0÷4 bar ; Body Epoxy ; Membrane Glass ; Connections Cable 1,5 m + BNC
SPH-1 6M	Range 2÷12 pH ; Pressure 0÷6 bar ; Body Epoxy ; Membrane Glass ; Connections Cable 6 m + BNC
SPH-2	Range 2÷12 pH ; Pressure 0÷6 bar ; Body Epoxy ; Membrane Glass ; Connections S7
SPH-3 WW	Range 2÷12 pH ; Pressure 0÷6 bar ; Body Glass ; Membrane Glass ; Connections S8



## SRH ORP probes

### Models

SRH-1 1.5M	Range $\pm 1000$ mV ; Pressure 0÷4 bar ; Body Epoxy ; Membrane Platinum wire ; Connections Cable 1,5 m + BNC
SRH-1 6M	Range $\pm 1000$ mV ; Pressure 0÷6 bar ; Body Epoxy ; Membrane Platinum wire ; Connections Cable 6 m + BNC
SPH-1 6M AU	Range $\pm 2000$ mV ; Pressure 0÷6 bar ; Body Epoxy ; Membrane Gold ; Connections Cable 6 m + BNC
SRH-3 PT	Range $\pm 2000$ mV ; Pressure 0÷6 bar ; Body Glass ; Membrane Platinum wire ; Connections S8



## CL Chlorine potentiostatic probes

Professional chlorine potentiostatic probe, thanks to amperometric cell and membrane cup

### Models

F-CL 2	Range 0÷10 ppm ; pH 4÷12 ; Flow rate 30 l/h ; Temperature 45°C ; Pressure 0,5 bar ; Membrane M48 ; Electrolyte ECC1 ; Application fields Organic free chlorine
F-CL 3	Range 0÷10 ppm ; pH 4÷11 ; Flow rate 30 l/h ; Temperature 45°C ; Pressure 0,5 bar ; Membrane M48 G ; Electrolyte ECS1 Gel ; Application fields Inorganic free chlorine





## PT Temperature probes

### Models

PT 100V	Range 0÷100°C ; Pressure 0÷7 bar ; Body Pyrex ; Connections 5 m 3-wire cable
PT 100V PG	Range 0÷100°C ; Pressure 0÷7 bar ; Body Pyrex ; Connections 6 m 3-wire cable
PT 100 NUT	Range 0÷100°C ; Pressure 0÷7 bar ; Body PP ; Connections 1 m 2-wire cable
RNC	Pressure 0÷7 bar ; Body AISI 304



## S462/SWP Turbidimetric probes

The measurement principle is based on the deviation of light produced by suspended particles in the liquid.

### Models

**Measure** 0,00 ÷ 40 NTU/FTU ;  
**Temperature** 0 ÷ 45 °C ;  
**Pressure** 0 ÷ 6 bar

**Body** in Black PVC with threaded fittings 2 ½" F and Transparent PVC door

**Projector and sensors** positioned at 180 ° mounted on PVC flanges with connector for electrical connections 2 x 5 m cables with quick connector



## SFW Paddlewheel flow sensor

The SFW paddle wheel flow sensor is designed to be used with every kind of solid-free liquid. The sensor offers highly consistent and repeatable measurements of flow from 0.15 m/s (0.5 ft/s) producing a frequency output signal.

### Models

SFW-1    Size DN 100 – 4"  
SFW-2    Size DN 200 – 8"

**Fluid Speed Range** 0.15 to 8m/s [0.5 to 25ft/s]

### Materials

**Sensor body** PVC-C ;  
**O-rings** FPM ; **Rotor** ECTFE (Halar®) ;  
**Shaft** Ceramic (Al<sub>2</sub>O<sub>3</sub>) ; **Bearings** Ceramic (Al<sub>2</sub>O<sub>3</sub>) ;  
**IP65** protection degree



## PSS-PLEXI Modular probes holder (Patented product)

Professional modular probe holder with amperometric cell for Free Chlorine measurement

### Models

- Flux / pH / ORP
- Flux /pH / Amperometric chlorine
- Flux / pH / ORP/ Amperometric chlorine
- Flux /pH / Potentistatic chlorine

**Connection In/OUT** 8x12 mm (tube)  
**Probes connection** 24 mm  
**Hydraulic By-pass**  
**Max. Temperature** 60°C  
**Max. Pressure** 5 bar  
**Material** Plexiglas without color



## By-pass probe holder

By-pass probe holder for quick installation pH, ORP and Temperature probes

**PSS 7 Single** Connection process By-Pass ; **No. Probes** 1 ; **Temperature** 0÷40°C ; **Pressure** 0÷6 bar ; **Material** PP + SAN



## By-pass probe holder

By-pass probe holder for quick installation pH, ORP and Temperature probes

### Models

- |                        |  |
|------------------------|--|
| <b>PSS 8-A Single</b>  | <b>Connection process</b> By-Pass ; <b>No. Probes</b> 3 ; <b>Diameter</b> 12 mm ; <b>Temperature</b> 0÷40°C ; <b>Pressure</b> 0÷2 bar ; <b>Material</b> PP + Transparent SAN |
| <b>PSS 8-A1 Single</b> | <b>Connection process</b> By-Pass ; <b>No. Probes</b> 3 ; <b>Diameter</b> 12 mm ; <b>Temperature</b> 0÷40°C ; <b>Pressure</b> 0÷2 bar ; <b>Material</b> PP + Black PP        |
| <b>PSS 8-A Single</b>  | <b>Connection process</b> By-Pass ; <b>No. Probes</b> 1 ; <b>Diameter</b> 35 or 42 mm ; <b>Temperature</b> 0÷40°C ; <b>Pressure</b> 0÷2 bar ; <b>Material</b> PP + Black PP  |
| <b>PSS 8-A Single</b>  | <b>Connection process</b> By-Pass ; <b>No. Probes</b> 1 ; <b>Diameter</b> 24 mm ; <b>Temperature</b> 0÷40°C ; <b>Pressure</b> 0÷2 bar ; <b>Material</b> PP + Transparent SAN |



## Insertion probe holder

Pressurized probe holder for small residential pools.

**PSS3** Connection process 1/2" G.M. ; **Probes connection** PG 13,5 or Ø 12 mm ; **Temperature** 0÷60°C ; **Pressure** 0÷7 bar ; **Material** PVC

**SPP** Connection process 1" G.F. ; **Probes connection** PG 13,5 ; **Temperature** 0÷60°C ; **Pressure** 0÷16 bar ; **Material** PVC



## Clamp saddles for paddlewheel flow sensor

for SFW-1 Size DN 100 – 4" / for SFW-2 Size DN 200 – 8"

**Materials** Body PP (Polypropylene) ; Gasket FPM



## CE cables with S7 heads for probes

### Models

**CE5B** Length 5 mt. ; **Type of cable** Mod. RG58 5 mm ; **Terminal block** Soldered BNC

**CE10B** Length 10 mt. ; **Type of cable** Mod. RG58 5 mm ; **Terminal block** Soldered BNC



## CC15 cables for paddlewheel flow sensor

**Models** Length 15 mt.

**Features** Resistance 130 Ohm/Km $\pm$ 5% ; **Temperature** -15÷70°C ; **Capacity Wire/Shield** 150 pF/m ; **Capacity Wire/Wire** 80 pF/m ; **Max Voltage** 49V ; **Nominal section** 8mm<sup>2</sup>



## Certified buffer solutions

Complete buffer solution range for professional calibration.

### Models

**KIT ST** pH 4.00 and 7.00 ; Quantity 50 cc each  
pH 4.00 and 7.00 ; ORP 465 mV ; Quantity 50 cc each

**ST PH 4** pH 4.00 ; **Temperature** 20 °C ; Quantity 250 ml

**ST PH 7** pH 7.00 ; **Temperature** 20 °C ; Quantity 250 ml

**ST PH 7** pH 9,22 ; **Temperature** 20 °C ; Quantity 250 ml

**ST RX 465** ORP 465 mV ; **Temperature** 25 °C ; Quantity 250 m



## Housings for filter cartridges

**Models** Minor 5" **Pressure** up to 8 bar ; **Flow rate** up to 120 L/min ;  
**Temperature** 2÷40 °C

**Materials** Non-toxic materials ; **Head Loaded** PP ; **IN/OUT threaded inserts** Brass ;  
**Cup** SAN ; **O-Ring** NBR



## Filter cartridges

**Models** RLN 20µm Temperature 2÷40 °C / RLN 80µm Temperature 2÷40 °C

**Materials** Non-toxic materials ; **Filtering** Nylon (polyamide) ; **External supports** PP ; **Cup** PP ; **Seals** EPDM



## Faucet

**Models** Connections IN ½ Gas F – OUT ½ Gas M ; **Material** Grey PVC- UC Body



## TC1 Threaded water meters

Single-jet water meters with pulse sender, dry dial and roller reading. Suitable for cold water up to 30° C.

### Models

**25 MM / 1"** 4 pulse/L or 1 pulse/L **Max Flow** (short period) 7 m³/h ; **Nominal Flow** 3,5 m³/h ; **Min Flow** (accuracy ±5%) 70 l/h

**50 MM / 2"** 4 pulse/L or 1 pulse/L **Max Flow** (short period) 30 m³/h ; **Nominal Flow** 15 m³/h ; **Min Flow** (accuracy ±5%) 450l/h



## FC Flanged water-meters

Woltmann series water-meter with dry dial reading and pulse sender. Suitable for cold water up to 30°C

### Models

**DN 80 / 3"** **Max Flow** (short period) 80 m³/h ; **Nominal Flow** 40 m³/h ; **Min Flow** (accuracy ±5%) 0,7 m³/h

**DN 100 / 4"** **Max Flow** (short period) 120 m³/h ; **Nominal Flow** 60 m³/h ; **Min Flow** (accuracy ±5%) 1,2 m³/h



## SER Tanks in polyethylene

Our tanks are designed to be assembled with dosing systems, with mixers and motor driven pumps or solenoid dosing pumps. All are made from food-safe polyethylene, and are resistant to almost all chemicals normally encountered.

### Models

50	Capacity 50 Litres ;	Height 45,5 cm ;	Ø 40 cm
100	Capacity 100 Litres ;	Height 64 cm ;	Ø 46 cm
250	Capacity 250 Litres ;	Height 87 cm ;	Ø 60 cm
300	Capacity 300 Litres ;	Height 95 cm ;	Ø 67 cm
500	Capacity 500 Litres ;	Height 119 cm ;	Ø 76 cm
1000	Capacity 1000 Litres ;	Height 122 cm ;	Ø 109 cm



## SML Reinforcement

Tank reinforcement made of PVC (20 mm thick) to be used to install mixers and motor driven pumps or solenoid dosing pumps on SER series tanks.

### Models

100	Tank model SER 100	250	Tank model SER 250
300	Tank model SER 300	500	Tank model SER 500
1000	Tank model SER 1000		



## Uncovered tanks in polyethylene

Designed to contain our SER series tanks. Material food-safe polyethylene.

### Models

T150	Tank model SER 100 ;	Height 75,5 cm ;	Ø 51 cm
T300	Tank model SER 250 ;	Height 87,5 cm ;	Ø 67 cm
T400	Tank model SER 300 ;	Height 99,0 cm ;	Ø 72 cm
T800	Tank model SER 500 ;	Height 120 cm ;	Ø 90 cm
T1500	Tank model SER 1000 ;	Height 134 cm ;	Ø 122 cm



## Mixers

Mixers with 0.12 kW single phase electric motors, either slow (200 rpm) or fast (1400 rpm), flange attachment, shaft and propeller in PVC.

### Models

#### Slow mixers (200 RPM)

- Tank model SER 300 ; Shaft 900 mm ; Propeller 220 mm
- Tanks model SER 500 / 1000 ; Shaft 1100 mm ; Propeller 220 mm

#### Fast Mixers (1400 rpm)

- Tank model SER 300 ; Shaft 900 mm ; Propeller 220 mm
- Tanks model SER 500 / 1000 ; Shaft 1100 mm ; Propeller 220 mm





# Notes

# Notes

# Your Choice, Our Commitment

People choose to do business with SEKO for one or more reasons, but ultimately it is their choice, and therefore they merit our commitment. "Our commitment" is total and not only to our customers, but also to each other and the Company's to its employees.

## Vision

**TO BE YOUR PARTNER OF CHOICE FOR  
DOSING SOLUTIONS, GLOBALLY**

SEKO, is a passionate, dedicated Global Family of Professionals. We listen to each of our Partners and are committed to deliver the right solution in the Hygiene, Water Treatment and Industrial Process markets.

## Values

**MUTUAL RESPECT, QUALITY AND  
SPIRIT OF COLLABORATION**

### MUTUAL RESPECT

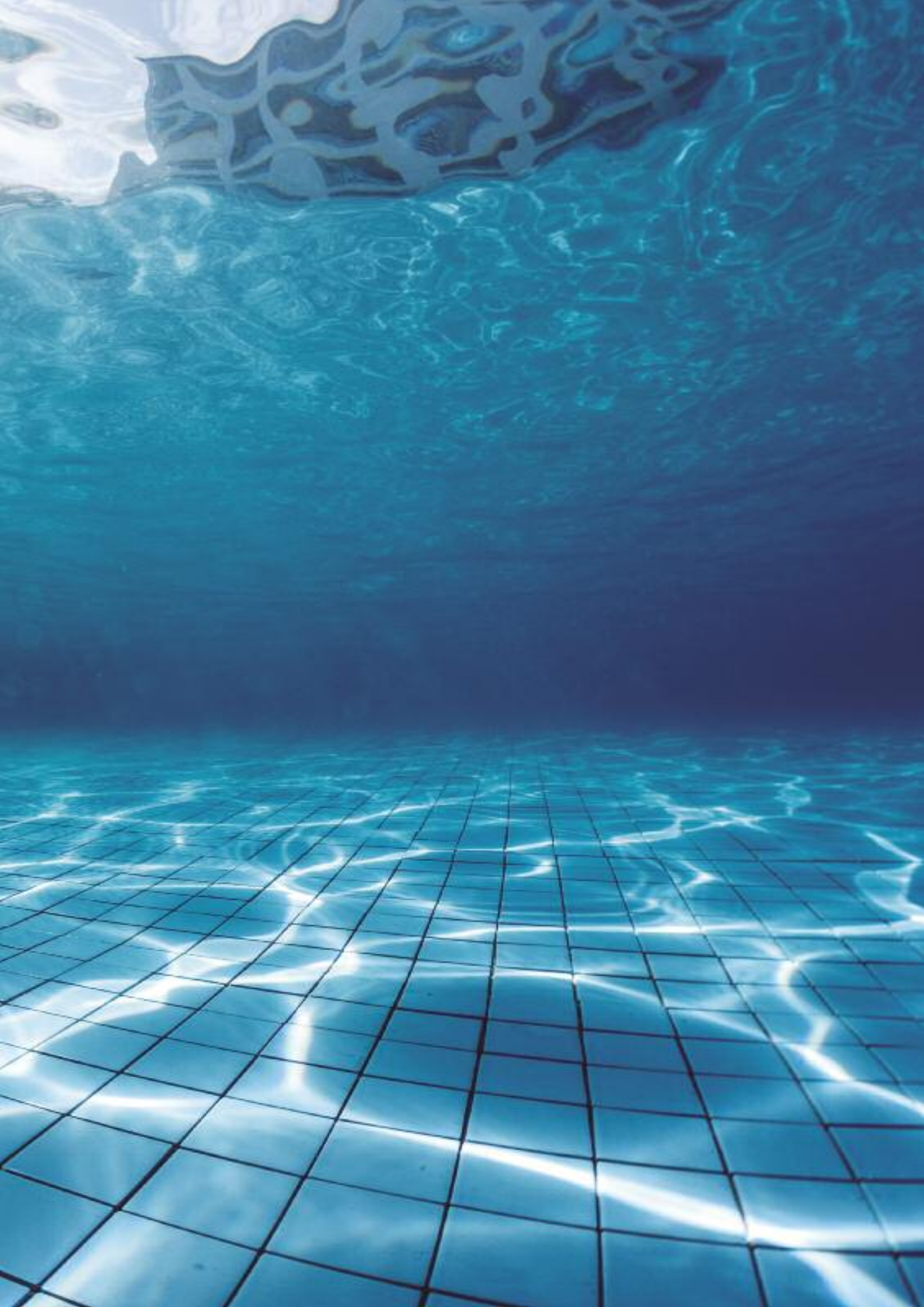
Mutual Respect because doing business is about being able to generate trust between Customer and Supplier. We'll deliver against our commitments, on time and in a transparent fashion, so you know can plan for your own business needs.

### QUALITY

Quality for SEKO is a 360° reality. It covers not only the design, development, production and delivery of our products and solutions but it runs through the core professionalism of our teams.

### SPIRIT OF COLLABORATION

Spirit of Collaboration is fundamental to our success and SEKO prides itself on how we work as a worldwide team, blending multiple country teams and functions to bring solutions to a Customer request or market need from an idea to the real world in very short time, across our global presence and beyond.



# Your Choice, Our Commitment

In the modern Globalised world, being a privately owned Company has significant benefits especially for our Customers, our Partners. For over 40 years, SEKO has developed a Global organisation able to take the longer view, manage the pressure of the now, and to plan for the long term, delivering true Partnership for our Customers, with transparency and mutual respect for each other.

Whether it's for our reknown flexibility, our attention to detail, the high-quality products, or just the way we do business, we understand that it's Your Choice to do business with us. It is Our Commitment to fulfill your needs wherever you, our Customers are.



For more information about our portfolio, worldwide locations, approvals, certifications, and local representatives, please visit

As part of a process of on-going product development, SEKO reserves the right to amend and change specifications without prior notice. Published data may be subject to change.

© SEKO, Layout and origin: Italy, 850001-SWP\_en, 06.2017

# seko

**ERTEK**  
www.ertek.com

**Ertek Yapı ve Makina Endüstri Ekipmanları San. ve Tic. Ltd. Şti.**

Halkapınar Mah. Pamuk Plaza İş Merkezi 1082 Sokak No: 3 M 35170 Yenışehir Konak / İZMİR  
Tel: (0232) 469 43 53 Faks: (0232) 457 46 51 • www.ertek.com • info@ertek.com