

seko

Solutions for **Pools & Spa**



Your Choice,
Our Commitment

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A Worldwide Group at your service

Globally Present, Locally Active

Our Global presence ensures that we can support our Customers wherever they are. Supported by teams in over 20 countries, as well as by our accredited Partner Distributor network, we ensure professional, local customer support in over 120 countries, with the added benefit of rapid delivery of goods to meet your needs.

All this backed up and supported by a world-class team of Technical Customer Service, able to provide all the back up or technical support needed. With ISO certificated production sites in Europe, the Americas and Asia, we are close to our customers and fully compliant with all local norms both in terms of our product designs as much as our production facilities.

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 & Spa

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, 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 & Spa

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Control and dosing systems

Single pump systems

PoolKronos – Basic – PoolBasic – Kontrol Invikta

pH

ORP

Timed dosing

Proportional dosing

Double pump systems

PoolKronos – Basic – PoolBasic – Kontrol Invikta

pH

ORP

Timed dosing

Proportional dosing

Triple pump systems

PoolBasic Pro - Kommander

pH ; ORP ; Flocculant

pH minus ; ORP ; pH plus

pH ; ORP ; Chlorine ; Flocculant

pH ; ORP ; Circulation pump and boiler automation

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Pre-assembled panel-mounted

pH ; ORP controller

pH ; ORP double peristaltic pumps

pH ; ORP double solenoid driven pumps

Control and dosing systems

Peristaltic or solenoid driven dosing systems with built in controllers for single, double or multi parameter measurement

Combined systems with peristaltic pumps, solenoid driven dosing pumps and controller. to automatically measure and verify the values of the pool water. The units for residential applications have been designed so they do not require the presence of technical personnel.

- Peristaltic dosing pumps with 2 or 3 PVDF rollers and Santoprene or SekoExtra tubing
- Easy and advanced parameter setting
- Proportional dosing TWM (Time With Modulation) or FWM (Frequency With Modulation)
- Calibration process uses high quality pH and ORP probes
- Extra dosing available thanks to pH and chlorine relay
- Amperometric sensor measures chlorine PPM
- Circulation and boiler controller
- 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

SINGLE PUMP FOR PH OR ORP MEASUREMENT

SEKO's principal offering for the residential pool market provides 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.



PoolKronos single peristaltic dosing systems with a stepper motor pump and 3 PVDF rollers using built in controllers for pH/ORP measurement.



Basic combined system with a peristaltic pump and either automatic proportional or timed dosing to adjust key chemical parameters.



PoolBasic user-friendly analogue or digital combined system with a peristaltic pump and single measurement with automatic proportional dosing.



Kontrol Invikta user-friendly solution combining a solenoid driven pump and single measurement with automatic proportional dosing.

TWO DOSING PUMPS FOR MULTI-PARAMETER MEASUREMENT

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



Kontrol Invikta Double combines two solenoid driven pumps with a multi measurement capability and an automatic proportional dosing.

TWO OR THREE DOSING PUMPS FOR MULTI-PARAMETER MEASUREMENT

SEKO's double or triple pump systems featuring amperometric chlorine measurements and an innovative system to control circulation pumps and boilers for hotel swimming pools and spas that fully complies with legislation.



PoolBasic Pro combines two or three peristaltic pumps and a multi measurement capability with automatic proportional dosing.



Kommander advanced combined system with two or three peristaltic pumps with either automatic proportional or timed dosing that adjusts chemical parameters and which comes with built-in functions that enable weekly timed management of the circulation pump and a temperature sensor for boiler activation using a relay.

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



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.



POOLKRONOS 10

- for pH (3.8 – 8.2)
- for ORP (400 – 999 mV)

CONSTANT DOSING PUMP

Flow rate 1.5 l/h ; Pressure 1.5 bar

POOL SIZE Indoor 1 – 130 m³ ; Outdoor 1 – 110 m³

MAIN BOARD

Display LCD 7 segment

Power supply with galvanised electrical insulation
100 – 240 Vac 50/60Hz

IP65 ENCLOSURE

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 offers installation flexibility, user-friendly programming and proportional chemical dosing using pH or ORP analysis. The PoolKronos 20 has an **improved LCD display** for ease of reading measurements.



POOLKRONOS 20

- for pH (4 – 10)
- for ORP (300 – 999 mV)

PROPORTIONAL DOSING PUMP

Flow rate 1.5 l/h ; Pressure 1.5 bar

POOL SIZE Indoor 1 – 130 m³ ; Outdoor 1 – 110 m³

MAIN BOARD

Display LCD 8 letters x 2 lines

Power supply with galvanised electrical insulation
220 Vac 50 Hz cord cable

IP65 ENCLOSURE

Dimensions 204 x 76 x 124 mm

Material PP with fiber glass

PoolKronos 50

PoolKronos 50 has the broadest range of measurement of the PoolKronos range coming 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 proportional chemical dosing by pH or ORP analysis.



POOLKRONOS 50

- for pH (0 – 14)
- for ORP (0 – 2000 mV)

PROPORTIONAL DOSING PUMP with Stepper Motor pump ; **Flow rate** 2 l/h ; **Pressure** 3 bar

POOL SIZE Indoor 1 – 140 m³; Outdoor 1 – 120 m³

MAIN BOARD

Display LCD 16 letters x 2 lines

Power supply with galvanised electrical insulation
100 – 240 Vac 50/60Hz

IP65 ENCLOSURE

Dimensions 207 x 117 x 145 mm

Material ABS

Basic Series

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



BASIC

- **PRO** Input 4÷20mA or frequency pulse
- **TIME** by weekly timer built in

DOSING PUMP

Flow rate 25 – 9750 ml/h ; **Pressure** 1.5 bar

POOL SIZE Indoor 5 – 130 m³; Outdoor 5 – 110 m³

MAIN BOARD

Alphanumeric display 16 letters x 2 lines

Power supply 100 – 240 Vac 50/60Hz

IP65 ENCLOSURE

Dimensions 234 x 162 x 108 mm

Material PP

PoolBasic LED

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

POOLBASIC LED

- for pH (6.2 – 8.2)
- for ORP (480 – 750 mV / 660 – 930 mV)

PROPORTIONAL DOSING PUMP

Flow rate 1.5 or 5 l/h ; Pressure 1.5 bar

POOL SIZE Indoor 5 – 130 m³ ; Outdoor 5 – 110 m³

MAIN BOARD

Display LED

Power supply 220 – 240 Vac 50/60Hz

IP65 ENCLOSURE

Dimensions 234 x 162 x 108 mm

Material PP



PoolBasic Plus

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

POOLBASIC PLUS

- for pH (0 – 14)
- for ORP (0 – 1000 mV)
- for ORP with shuko (0 – 1000 mV)

PROPORTIONAL DOSING PUMP

Flow rate 1.5 or 5 l/h ; Pressure 1.5 bar

POOL SIZE Indoor 1 – 130 m³ ; Outdoor 1 – 110 m³

MAIN BOARD

Alphanumeric display 16 letters x 2 lines

Power supply 220 Vac 50/60Hz

IP65 ENCLOSURE

Dimensions 234 x 162 x 108 mm

Material PP



Kontrol Invikta

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

KONTROL INVIKTA

- for pH (0 – 14)
- for ORP (0 – 1000 mV)

SOLENOID DRIVEN DOSING PUMP

Proportional dosing FWM

(Frequency With Modulation)

Flow rate 5 l/h ; Pressure 5 bar

Wetted parts Body in PVC, membrane in PTFE

POOL SIZE Indoor 50 – 350 m³; Outdoor 50 – 300 m³



MAIN BOARD

Alphanumeric display 16 letters x 2 lines

Power supply 100 – 240 Vac 50/60Hz

IP65 ENCLOSURE

Dimensions 234 x 162 x 108 mm

Material PP

Kontrol Invikta Double

Designed for larger pools, Kontrol Invikta combines **two solenoid driven dosing 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.

KONTROL INVIKTA DOUBLE

- for pH (0 – 14) and ORP (0 – 1000 mV)
- for pH (0 – 14) and ORP (0 – 1000 mV) and **Free chlorine** (0 – 5 ppm with amperometric probe)

SOLENOID DRIVEN DOSING PUMPS

Proportional dosing FWM

(Frequency With Modulation)

Flow rate 5 l/h ; Pressure 5 bar

Wetted parts Body in PVC, membrane in PTFE

POOL SIZE Indoor 50 – 350 m³; Outdoor 50 – 300 m³



MAIN BOARD

Alphanumeric display 16 letters x 2 lines

Power supply 100 – 240 Vac 50/60Hz

IP65 ENCLOSURE

Dimensions 234 x 162 x 108 mm

Material PP

PoolBasic Pro

Offering the fullest range of possible measurements, the PoolBasic Pro range still offers a user-friendly solution. It **combines two peristaltic dosing pumps** and a **multi measurement capability** with **automatic proportional dosing** designed for above ground, indoor and outdoor pools. PoolBasic Pro is also available with a **3 pump configuration**.



POOLBASIC PRO 2 PUMP VERSION

- for pH (0 – 14) and ORP (0 – 1000 mV)
- for pH (0 – 14) and ORP with shuko (0 – 1000 mV)
- for pH Plus (0 – 14) and pH Minus (0 – 14)
- for pH (0 – 14) and Flocculant dosage
- for pH (0 – 14) and Hydrogen peroxide^(*)
- for pH (0 – 14) and ORP (0 – 1000 mV) and Conductivity (0 – 20000 µS)
- for pH (0 – 14) and ORP (0 – 1000 mV) and Free chlorine (0 – 5 ppm)^(**)

POOLBASIC PRO 2 PUMP MODBUS PROTOCOL COMMUNICATION VERSION

- for pH (0 – 14) and ORP (0 – 1000 mV) and Free chlorine (0 – 5 ppm)^(**)

POOLBASIC PRO 2 PUMP B-WEEKLY TIMER VERSION

- for pH (0 – 14) and Hydrogen peroxide^(*)

POOLBASIC PRO 2 PUMP SPA VERSION

- for pH (0 – 14) and ORP (0 – 1000 mV)
- for pH (0 – 14) and ORP (0 – 1000 mV) and Free chlorine (0 – 5 ppm)^(**)

POOLBASIC PRO 3 PUMP VERSION

- for pH (0 – 14) and ORP (0 – 1000 mV) and Flocculant dosage
- for pH Plus (0 – 14) and ORP (0 – 1000 mV) and pH Minus (0 – 14)
- for pH (0 – 14) and ORP (0 – 1000 mV) and Free chlorine (0 – 5 ppm)^(**) and Flocculant dosage

PROPORTIONAL DOSING PUMPS

Flow rate 0.4 or 1.5 or 5 l/h ; Pressure 1.5 bar

POOL SIZE Indoor 1 – 130 m³; Outdoor 1 – 110 m³

MAIN BOARD

Alphanumeric display 16 letters x 2 lines

Power supply 220 Vac 50/60Hz

IP65 ENCLOSURE

Dimensions 234 x 162 x 108 mm

Material PP

(*) By time and temperature compensation

(**) With Free Chlorine Amperometric probe

Kommander

Kommander is an advanced combined system available with **two or three peristaltic pumps** with **either automatic proportional or timed dosing** that adjusts chemical parameters for both outdoor pools and spa centers. Furthermore, the Kommander comes with additional functions built in. The first is a **weekly timer to regulate the circulation pump** and the second is a **temperature sensor that activates the boiler using a relay switch**.



KOMMANDER 2 PUMP VERSION

- for pH (0 – 14) and ORP (0 – 1000 mV)

KOMMANDER 3 PUMP VERSION

- for pH (0 – 14), ORP (0 – 1000 mV) and Flocculant dosage

PROPORTIONAL DOSING PUMPS

Flow rate 1.5 or 5 l/h ; Pressure 1.5 bar

POOL SIZE Indoor 1 – 130 m³; Outdoor 1 – 110 m³

CIRCULATION PUMP AND BOILER ACTIVATION BY POWERED RELAY max 1.5 kW load

MAIN BOARD

Alphanumeric display 16 letters x 2 lines

Power supply 220 Vac 50/60Hz

IP65 ENCLOSURE

Dimensions 234 x 162 x 108 mm

Material PP

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 pre-selected number of products assembled on a small panel, including a by-pass probe holder, electrical box and controller unit.

- Advanced parameter setting
- Proportional dosing TWM (Time With Modulation) or FWM (Frequency With Modulation)
- 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

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.

EASY PANEL

- for pH (0 – 14) and ORP (0 – 1000 mV)
- for pH (0 – 14) and ORP (0 – 1000 mV) and Free chlorine (0 – 5 ppm with amperometric probe)

HYDRAULIC PROBE HOLDER

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

MAIN BOARD

Power supply 100 – 240 Vac 50/60Hz
 Cable Box with power supply 230Vac to connect external dosing pump
 Relay 250 V 10 A (Resistive Load) each measure



IP65 PRE-ASSEMBLED PANEL-MOUNTED

Dimensions 630 x 420 x 10 mm

Material PP

Easy Basic

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

EASY BASIC

- for pH (0 – 14)
- for ORP (0 – 1000 mV)

HYDRAULIC PROBE HOLDER

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

PROPORTIONAL DOSING PUMPS

Flow rate 1.5 or 5 l/h; Pressure 1.5 bar
Santoprene tubing

POOL SIZE Indoor 1 – 130 m³; Outdoor 1 – 110 m³



MAIN BOARD

Alphanumeric display 16 letters x 2 lines
Power supply 220 Vac 50/60Hz

IP65 PRE-ASSEMBLED PANEL-MOUNTED

Dimensions 630 x 420 x 10 mm
Material PP

Easy Invikta

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

EASY INVIKTA

- for pH (0 – 14)
- for ORP (0 – 1000 mV)

HYDRAULIC PROBE HOLDER

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

SOLENOID DRIVEN DOSING PUMPS

Proportional dosing FWM
(Frequency With Modulation)
Flow rate 5 l/h ; Pressure 5 bar
Wetted parts Body in PVC, membrane in PTFE

POOL SIZE Indoor 50 – 350 m³; Outdoor 50 – 300 m³



MAIN BOARD

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

IP65 PRE-ASSEMBLED PANEL-MOUNTED

Dimensions 630 x 420 x 10 mm
Material PP



equipment for

Professional Pools

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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

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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

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Kontrol Tekna 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, 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 results 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
- Remote alarm relay
- Input level probe checks product levels
- Graphic display controller provides graphical historical reports for each measure thanks to the built-in data logger
- Multilingual controller interface makes for simple operation

MEASURING RANGE

pH 0 – 14

ORP \pm 1500 mV

Chlorine 0 – 5 ppm^(*)

Combined chlorine 0 – 1/ 5/ 10/ 20/ 200 ppm^(**)

(*) DPD Method Light wavelength 520 nm

(**) Using software

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

INSTALLATION KIT INCLUDED

pH and ORP Probes

pH and ORP Buffer solutions

DPD Buffer Solution



HYDRAULIC PROBE HOLDERS

Features a new hydraulic device that comes with a water drain dedicated to chemical reagents 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 use DPD powder for dilution prior to use that offers a reliable solution at each application.



Probe holder plexiglass body and photometer chamber

IN/OUT tubes 8x12 mm

Back pressure

Temperature 60 °C

Photometer Systems

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

PHOTOMETER SYSTEMS

- for Chlorine and pH
- for Chlorine and pH and ORP
- for Chlorine and Combined chlorine and pH and ORP

DPD PUMP

Peristaltic pump with 2 mechanical support

Silicon tube 3x5 mm

Flow rate 0.15 cc sample measure

Back pressure

DPD Chemical 1 liter 24 days at 5 minute period sample

MAIN BOARD

Graphic display 240x128 pixel with back light

Power supply 100 – 240 Vac 50/60Hz



IP65 ENCLOSURE BOX

Dimensions 276 x 514 x 127 mm

Material ABS

Pool Photometer

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

POOL PHOTOMETER

- for Chlorine and pH and ORP
- 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 liter 24 days at 5 minute period sample

MAIN BOARD

Graphic display 240x128 pixel with back light

Power supply 100 – 240 Vac 50/60Hz



IP65 ENCLOSURE BOX

Dimensions 630 x 420 x 10 mm

Material PP

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
- Remote alarm relay
- Input level probe checks product levels
- Multi language menu
- Tekna Panel skid for quick installation

MEASURING RANGE

pH 0 – 14

ORP ± 2000 mV

Chlorine 0 – 5 ppm

Chlorine dioxide, Free amperometric chlorine, Total potentiostatic chlorine, Combined chlorine^(*)

0 – 1/ 5/ 10/ 20/ 200 ppm

(*) Using software

HYDRAULIC PROBE HOLDERS

Transparent modular probe holder PSS-Plexi

IN/OUT tubes 8x12 mm

Pressure 5 bar

Temperature 60 °C

INSTALLATION KIT INCLUDED

pH and ORP probes, amperometric chlorine cell

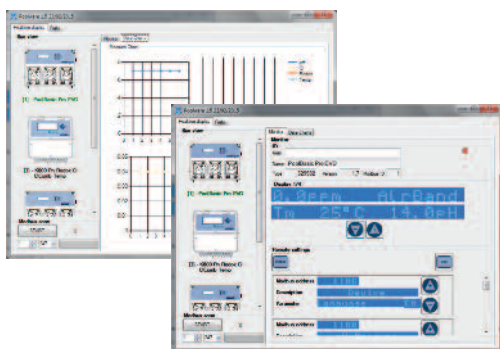
By-pass probe holder

pH and ORP buffer solutions

Brass brush

5" with 80 µm cartridge

Ceramic foot filter and FPM non return valve



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.

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.

WITH AMPEROMETRIC PROBES

- for pH and ORP
- for Chlorine
- for Chlorine and pH
- for Chlorine and pH and ORP

WITH POTENZIOSTATIC PROBES

- for Chlorine and Chlorine dioxide
- for Chlorine and Chlorine dioxide and pH
- for Chlorine and Chlorine dioxide and pH and ORP

HYBRID MODEL

- Free amperometric chlorine and total potentiostatic chlorine and combined chlorine (using software) and pH and ORP



MAIN BOARD

Alphanumeric display 20 letters x 4 lines

Power supply 100 – 240 Vac 50/60Hz

IP65 PRE-ASSEMBLED PANEL-MOUNTED

Dimensions 276 x 514 x 127 mm

Material PP

Tekna Panel

Skid for Kontrol 800 Panel

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

TEKNA PANEL

- ANALOGUE 2 Tekna AKL
- DIGITAL 2 Tekna TPG

SOLENOID DRIVEN DOSING PUMPS

Tekna AKL 603 or 803 analogue solenoid driven dosing pump with constant manually adjustable flow rate.

Tekna TPG 803 digital solenoid driven dosing pump with manually adjustable constant flow rate, or with proportional flow rate that is based on readings from an external analogue (4 – 20 mA) or digital signal (water meter)

(603) Flow rate 4 – 8 l/h ; Pressure 2 – 12 bar

(803) Flow rate 20 – 110 l/h ; Pressure 0,1 – 5 bar

Wetted parts Body in PVDF ; Membrane in PTFE



POOL SIZE

(603) Indoor 150 – 600 m³; Outdoor 100 – 500 m³

(803) Indoor 300 – 1500 m³; Outdoor 200 – 1200 m³

MAIN BOARD

Alphanumeric display 16 letters x 2 lines

Power supply 100 – 240 Vac 50/60Hz

IP65 PRE-ASSEMBLED PANEL-MOUNTED

Dimensions 600 x 300 x 10 mm

Material PVC

Kontrol Guard Tech

The Kontrol Guard Tech is the most advanced model 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

MEASURING RANGE

pH 0 – 14

ORP \pm 2000 mV

Chlorine 0 – 5 ppm

Chlorine and Chlorine dioxide

0 – 1/ 5/ 10/ 20/ 200 ppm

Free amperometric chlorine

0 – 1/ 5/ 10/ 20/ 200 ppm

Total potentiostatic chlorine

0 – 1/ 5/ 10/ 20/ 200 ppm

Combined chlorine^(*)

0 – 1/ 5/ 10/ 20/ 200 ppm

Turbidity^(*)

0 – 4/ 40/ 400/ 4000 NTU

(*) Using software

HYDRAULIC PROBE HOLDERS

Transparent modular probe holder PSS-Plexi

IN/OUT tubes 8x12 mm

Pressure 5 bar

Temperature 60 °C

MAIN BOARD

Graphic display 5" 20 letters x 4 lines

Power supply 100 – 240 Vac 50/60Hz

IP65 CABINET

Dimensions 440 x 740 x 175 mm

Material PP

INSTALLATION KIT INCLUDED

pH and ORP probes, amperometric chlorine cell

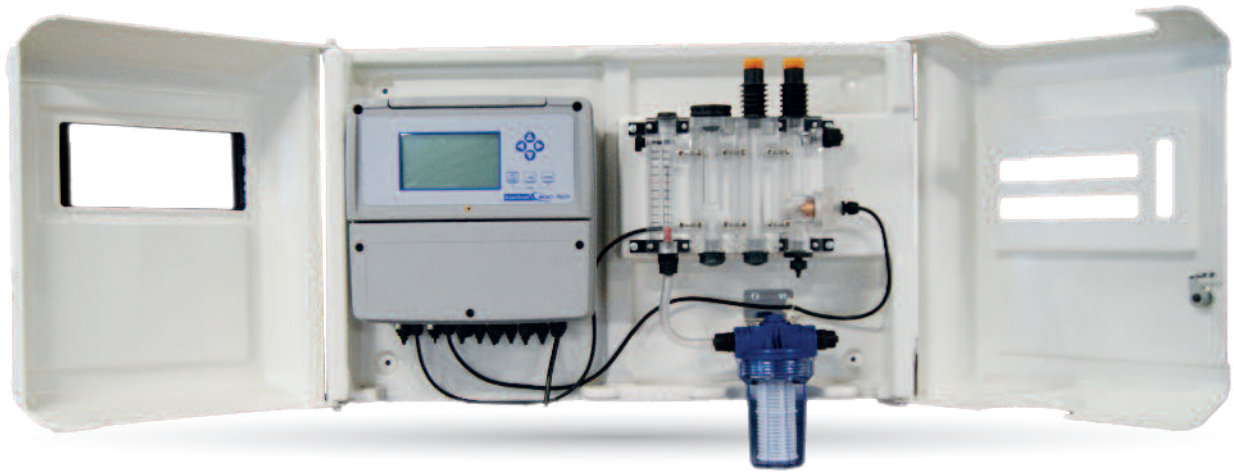
By-pass probe holder

pH and ORP buffer solutions

Brass brush

5" with 80 μ m cartridge





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.

WITH AMPEROMETRIC PROBES

- for Chlorine
- for Chlorine and pH
- for Chlorine and pH and ORP
- for Chlorine and pH and Turbidity

WITH POTENZIOSTATIC PROBES

- for Chlorine and Chlorine dioxide
- for Chlorine and Chlorine dioxide and pH
- for Chlorine and Chlorine dioxide and pH and ORP

HYBRID MODEL

- Free amperometric chlorine, Total potentiostatic chlorine, Combined chlorine and pH and ORP
- Free amperometric chlorine, Total potentiostatic chlorine, Combined chlorine and pH and ORP and Turbidity

PH/ORP MODEL

- for pH and ORP

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
- 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.

MEASURING RANGE

pH 0 – 14

ORP \pm 1500 mV

Chlorine and Chlorine 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

HYDRAULIC PROBE HOLDERS

Transparent modular probe holder PSS-Plexi

IN/OUT tubes 8x12 mm

Pressure 5 bar

Temperature 60 °C

MAIN BOARD

Alphanumeric display 16 letters x 2 lines

Power supply 100 – 240 Vac 50/60Hz

IP65 PRE-ASSEMBLED PANEL-MOUNTED

Dimensions 700 x 420 x 10 mm

Material PVC

INSTALLATION KIT INCLUDED

pH and ORP probes, amperometric chlorine cell

By-pass probe holder

pH and ORP buffer solutions

Brass brush

5" with 80 μ m cartridge

Ceramic foot filter and FPM non return valve



Tekna TPR Panel

A **two solenoid driven 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 contained within a IP65 standard electrical box.

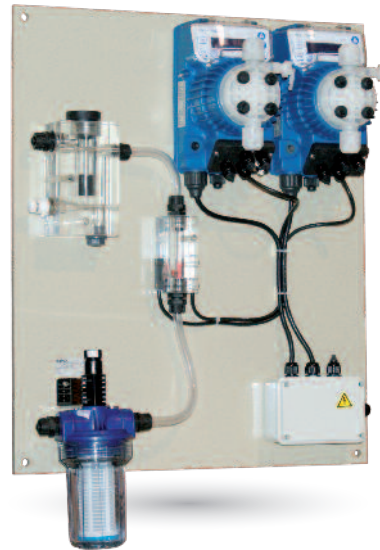
TEKNA TPR PANEL

- pH and ORP

POOL SIZE

(603) Indoor 150 – 600 m³; Outdoor 100 – 500 m³

(803) Indoor 300 – 1500 m³; Outdoor 200 – 1200 m³



PROPORTIONAL SOLENOID DRIVEN DOSING PUMPS

2 Tekna TPR 603 or 803 model with pH/ORP control meter built in

(603) Flow rate 4 – 8 l/h ; Pressure 2 – 12 bar

(803) Flow rate 20 – 110 l/h ; Pressure 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 driven 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 contained within a IP65 standard electrical box.

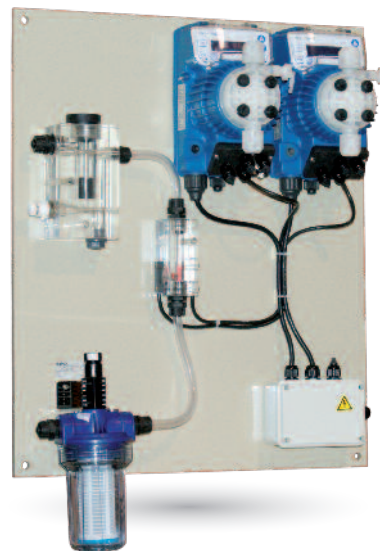
TEKNA TPR-TMP PANEL

- pH and ORP and Chlorine and Chlorine dioxide and Peracetic acid and Hydrogen peroxide

POOL SIZE

(603) Indoor 150 – 600 m³; Outdoor 100 – 500 m³

(803) Indoor 300 – 1500 m³; Outdoor 200 – 1200 m³



PROPORTIONAL SOLENOID DRIVEN DOSING PUMPS

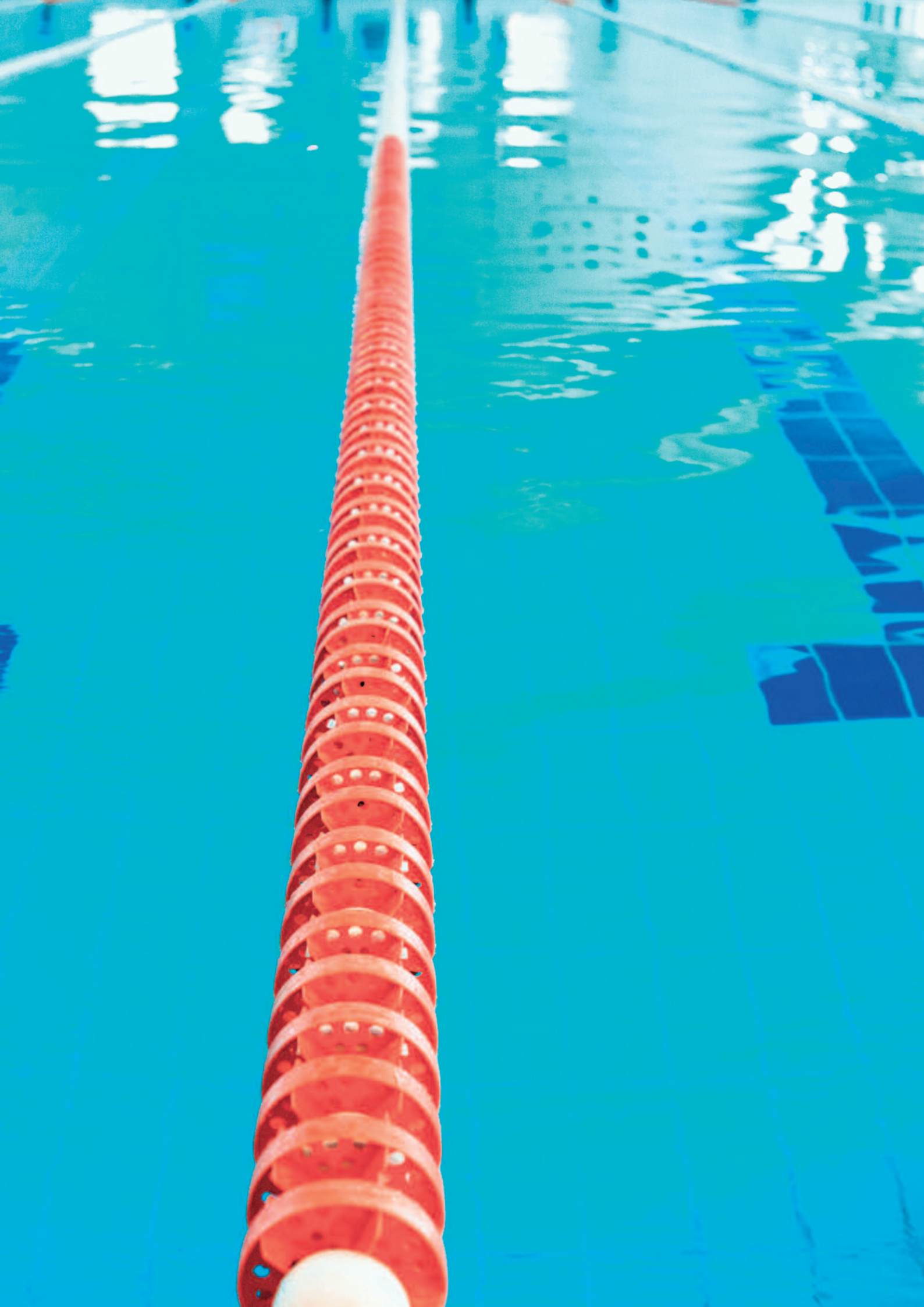
Tekna TPR 603 or 800 model with pH/ORP control meter built in

1 Tekna TMP 603 or 800 model with Chlorine, Hydrogen Peroxide or Peracetic acid control meter

(603) Flow rate 4 – 8 l/h ; Pressure 2 – 12 bar

(803) Flow rate 20 – 110 l/h ; Pressure 0.1 – 5 bar

Wetted parts Body in PVDF ; Membrane in PTFE



equipment for

Pools & Spa

page 30

Dosing pumps

P Series

Dynamik

Kronos

Invikta

Kompact

Tekna

Maxima

Spring

page 32

Controllers

Kontrol 50

Kontrol 42

Kontrol 100

Kontrol 500

page 33

Blowers - Side channel compressors

BL040

BL050

BL820

page 33

Pool Cleaning Station

Dosing pumps

A complete range of peristaltic, solenoid driven and motor driven dosing pumps for Swimming pool applications with options to meet any need.

P Series

Basic peristaltic pumps for residential above ground pools

MODELS

PE1.5	Flow rate 1.5 l/h ; Pressure 0.5 bar
PE5	Flow rate 5 l/h ; Pressure 0.5 bar
PE4	Flow rate 4 l/h ; Pressure 0.5 bar
PE7	Flow rate 7 l/h; Pressure 0.5 bar



POOL SIZE Indoor 1 – 150 m³; Outdoor 1 – 110 m³

Dynamik

Advanced peristaltic pumps for seasonal dosing action or micro dosing application

MODELS

CK	Flow rate 4 , 2 , 1 l/h ; Pressure 1.5 bar
Pro	Flow rate 2.5 – 9750 ml/h ; Pressure 1.5 bar



POOL SIZE Indoor 1 – 250 m³; Outdoor 1 – 110m³

Kronos FM

Professional peristaltic pumps with stepper motor for high accuracy dosing action

MODELS

50 FM02	Flow rate 2 l/h ; Pressure 3 bar
50 FM10	Flow rate 10 l/h ; Pressure 2 bar
50 FM15	Flow rate 15 l/h ; Pressure 0.1 bar



POOL SIZE Indoor 1 – 280 m³; Outdoor 1 – 160 m³

Invikta

Basic solenoid driven dosing pumps for residential outdoor pools

MODELS

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



POOL SIZE Indoor 1 – 250m³; Outdoor 1 – 110m³

Kompact

Advanced solenoid driven dosing pumps for medium sized indoor and outdoor pools

MODELS

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



POOL SIZE Indoor 5 – 250 m³; Outdoor 5 – 110 m³

Tekna

Professional wall mounted solenoid driven dosing pumps for medium or large indoor and outdoor pools

MODELS

ANALOGUE AKL – DIGITAL TPG; TPR; 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 5 – 250 m³ ; Outdoor 5 – 110 m³
 Indoor 200 – 750 m³ ; Outdoor 150 – 650 m³
 Indoor 300 – 1500 m³ ; Outdoor 200 – 1200 m³



Maxima

Professional base mounted solenoid driven dosing pumps features new revolutionary electronic stroke length regulation for medium or large indoor and outdoor pools

MODELS

ANALOGUE MKL – DIGITAL MPG; 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 5 – 250 m³ ; Outdoor 5 – 110 m³
 Indoor 200 – 750 m³ ; Outdoor 150 – 650 m³
 Indoor 300 – 1500 m³ ; Outdoor 200 – 1200 m³



Tekba

Professional digital solenoid driven dosing pump with mechanical stroke length regulation for medium or large indoor and outdoor pools

MODELS

ANALOGUE EML – DIGITAL EMC; EMM

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 5 – 250 m³ ; Outdoor 5 – 110 m³
 Indoor 200 – 750 m³ ; Outdoor 150 – 650 m³
 Indoor 300 – 1500 m³ ; Outdoor 200 – 1200 m³



Spring

Professional plunger motor driven 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 4000 – 10000 m³ ; Outdoor 1000 – 6000 m³
 MS0 Indoor 400 – 2200 m³ ; Outdoor 300 – 1800 m³



Controllers

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

Kontrol Flow 50

Advanced controller

MODELS

Flow rate 99999,99 l/sec



Kontrol 42

Advanced double parameter controller

MODELS

pH 0 – 14 ; ORP \pm 1500 mV

pH 0 – 14 ; ORP \pm 1500 mV; Flow rate 99999,99 l/sec



Kontrol 100

Professional single parameter controller

MODELS

pH 0 – 14

ORP \pm 1500 mV

Chlorine and Chlorine 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 \pm 1500 mV

Chlorine and Chlorine dioxide 0 – 0.5/ 1/ 2/ 5/ 10/ 20/200 ppm



Blowers - Side channel compressors

Blower system for Spa 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

Single impeller, single and 3-Phase

Flow rate 145 m³/h

Pressure up to 200 mbar

Vacuum up to -170 mbar

Noise 63 dB A



BL050

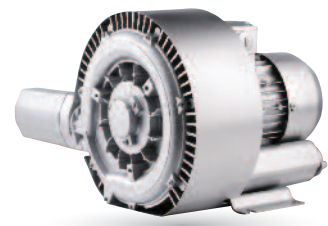
Single impeller
Single and 3-Phase

Flow rate 210 m³/h

Pressure up to 270 mbar

Vacuum up to -220 mbar

Noise 64 dB A



BL820

Double impeller 3-Phase

Flow rate 900 m³/h

Pressure up to 370 mbar

Vacuum up to -280 mbar

Noise 74 dB A

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 36 Probes

pH

ORP

Chlorine

Temperature

Turbidity

Flow rate

page 38 **Modular probe holder** (Patented product)
and **By-Pass probe holders**

page 39 **Clamp saddles, Cables, Buffer solution pH/ORP and
5" Housings for filter cartridges**

page 40 **Filter cartridges, Water meter pulse sender
and Tanks**

page 41 **Uncovered tank 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 – 6 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 S8
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 – 6 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, that uses an 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



GPC Grounding Pipe Coupling

To obtain the best performance in pH and Redox measurements when using Tekna TPR pump with electrical grounding SEKO recommends using the GPC Series Grounding Pipe.

MODELS

GPC-63 DN63 diameter connection to glue tubes to PVC body

GPC-50 DN50 diameter connection to glue tubes to PVC body

FEATURES Pressure 3 bar ; Temperature 50°C



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



S461/LT Turbidimetric probes

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

FEATURES Measure 0,02 – 10 FTU/NTU ; Pressure 0 – 4 bar ; Temperature 0 – 60°C

BODY material PVC special optical glass and Viton threaded connection 1" GAS

PROJECTOR AND SENSORS Scattering at 90° Light absorption with 10 m cable



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 (Al₂O₃) ; **Bearings**

Ceramic (Al₂O₃) ;

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

PSS 8-A Single Connection process By-Pass ; No. Probes 3 ; Diameter 12 mm ; Temperature 0 – 40°C ; Pressure 0 – 5 bar ; Material PP + Transparent SAN

PSS 8-A1 Single Connection process By-Pass ; No. Probes 3 ; Diameter 12 mm ; Temperature 0 – 40°C ; Pressure 0 – 2 bar ; Material PP + Black PP

PSS 8-A Single Connection process By-Pass ; No. Probes 1 ; Diameter 33, 35 or 42 mm ; Temperature 0 – 40°C ; Pressure 0 – 5 bar ; Material PP + Black PP

PSS 8-A Single Connection process By-Pass ; No. Probes 1 ; Diameter 24 mm ; Temperature 0 – 40°C ; Pressure 0 – 5 bar ; Material 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** 8mm²



Certified buffer solutions

Complete buffer solution range for professional calibration.

MODELS

KIT ST	pH 4.00 and 7.00 ; Quantity 70 cc each pH 4.00 and 7.00 ; ORP 465 mV ; Quantity 70 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 driven 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 driven 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



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 www.seko.com

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.

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The SEKO logo, consisting of the word "seko" in a bold, lowercase, blue sans-serif font. The background of the entire page features a collage of images: a swimming pool with a metal handrail, a person's legs in a pool, and a view of a pool deck and water.