seko

Solutions for
Pools & **Spa**

Your Choice,
 Our Commitment

Content

Legend:
- ■ Production Site
- ● Sales Office
- • Distributor

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 if 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

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 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** (6.6 – 8.0)
- for **ORP** (600 – 1000 mV)

CONSTANT DOSING PUMP
Flow rate 1.5 l/h ; **Pressure** 1.5 bar

POOL SIZE **Indoor** 1 – 130 m^3 ; **Outdoor** 1 – 110 m^3

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** (450 – 900 mV)

PROPORTIONAL DOSING PUMP
Flow rate 1.5 l/h ; **Pressure** 1.5 bar

POOL SIZE **Indoor** 1 – 130 m^3 ; **Outdoor** 1 – 110 m^3

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 m^3 ; **Outdoor** 5 – 110 m^3

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 m^3 ; **Outdoor** 1 – 110 m^3

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 m^3; **Outdoor** 50 – 300 m^3

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 m^3; **Outdoor** 50 – 300 m^3

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 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 m^3; **Outdoor** 1 – 110 m^3

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

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 ± 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 RS48 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 ± 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 µm 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.

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.

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 ± 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 μm 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

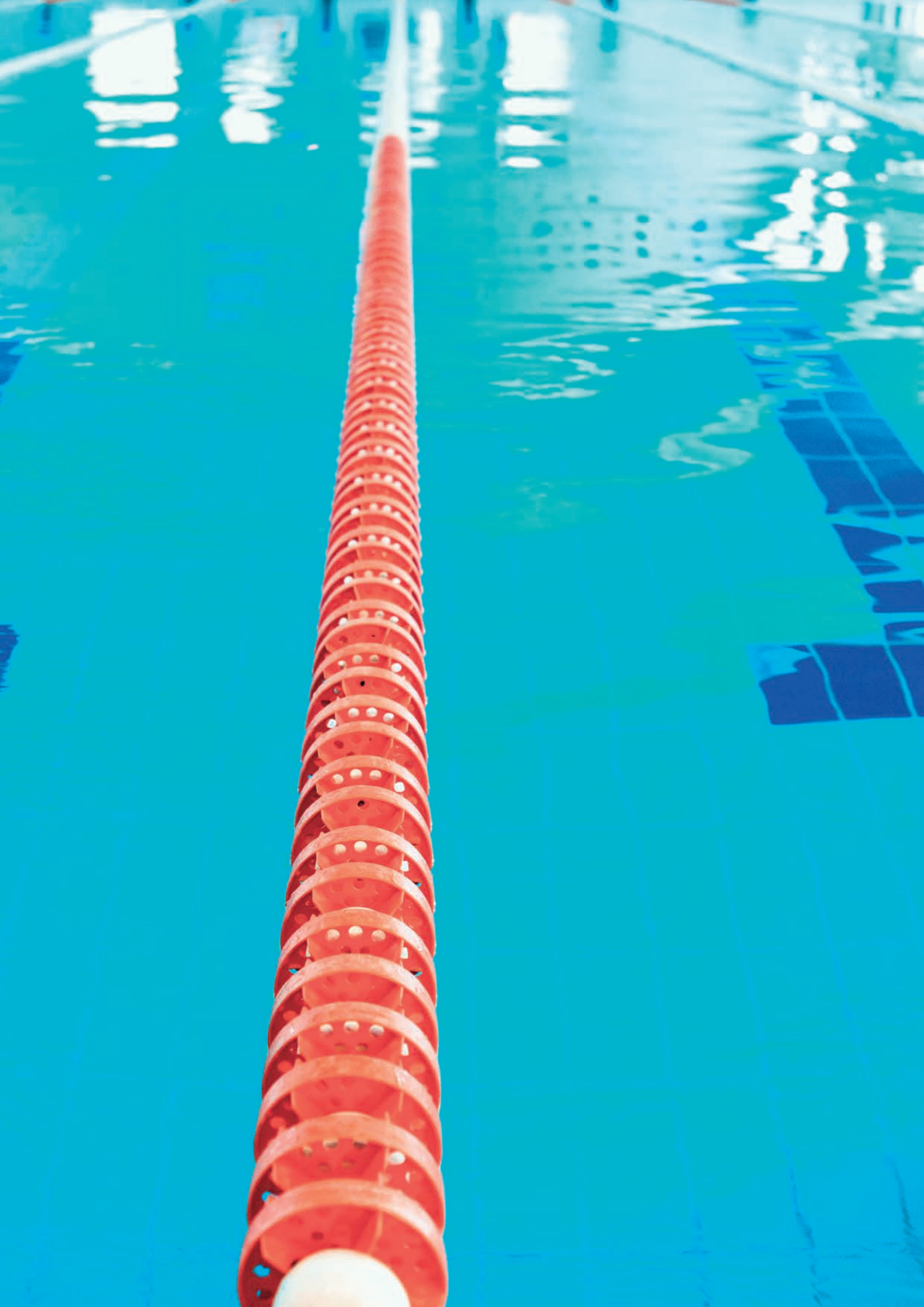### PROPORTIONAL SOLENOID DRIVEN DOSING PUMPS
Tekna TPR 603 or 800 model with pH/ORP control meter built in
1 Tekna TMP 603 or 800 model with Chlorine, Hydrogen Peroxide or Peracetic acid control meter
(603) Flow rate 4 – 8 l/h ; **Pressure** 2 – 12 bar
(803) Flow rate 20 – 110 l/h ; **Pressure** 0.1 – 5 bar
Wetted parts Body in PVDF ; Membrane in PTFE

equipment for

Pools &
Spa

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 peristalitic 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 m^3 ; **Outdoor** 1 – 110 m^3

Dynamik

Advanced peristalitic 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 m^3 ; **Outdoor** 1 – 110m^3

Kronos FM

Professional peristalitic 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 m^3 ; **Outdoor** 1 – 160 m^3

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 – 250m^3 ; **Outdoor** 1 – 110m^3

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 m^3 ; **Outdoor** 5 – 110 m^3

Tekna

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

MODELS
ANALOGUE AKL – **DIGITAL** TPG; TPR; TCK

VERSION		POOL SIZE	
603	Flow rate 4 – 8 l/h ; Pressure 2 – 12 bar	**Indoor** 5 – 250 m^3 ; **Outdoor** 5 – 110 m^3	
800	Flow rate 7 – 18 l/h ; Pressure 1 – 16 bar	**Indoor** 200 – 750 m^3 ; **Outdoor** 150 – 650 m^3	
803	Flow rate 20 – 110 l/h ; Pressure 0.1 – 5 bar	**Indoor** 300 – 1500 m^3 ; **Outdoor** 200 – 1200 m^3	

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		POOL SIZE	
603	Flow rate 4 – 8 l/h ; Pressure 2 – 12 bar	**Indoor** 5 – 250 m^3 ; **Outdoor** 5 – 110 m^3	
800	Flow rate 7 – 18 l/h ; Pressure 1 – 16 bar	**Indoor** 200 – 750 m^3 ; **Outdoor** 150 – 650 m^3	
803	Flow rate 20 – 110 l/h ; Pressure 0.1 – 5 bar	**Indoor** 300 – 1500 m^3 ; **Outdoor** 200 – 1200 m^3	

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		POOL SIZE	
603	Flow rate 4 – 8 l/h ; Pressure 2 – 12 bar	**Indoor** 5 – 250 m^3 ; **Outdoor** 5 – 110 m^3	
800	Flow rate 7 – 18 l/h ; Pressure 1 – 16 bar	**Indoor** 200 – 750 m^3 ; **Outdoor** 150 – 650 m^3	
803	Flow rate 20 – 110 l/h ; Pressure 0.1 – 5 bar	**Indoor** 300 – 1500 m^3 ; **Outdoor** 200 – 1200 m^3	

Spring

Professional plunger motor driven dosing pumps for large indoor and outdoor pools

MODELS

		POOL SIZE	
MS1	Flow rate 220 l/h ; Pressure 7 bar		
	Flow rate 310 l/h ; Pressure 7 bar	**MS1**	**Indoor** 4000 – 10000 m^3 ; **Outdoor** 1000 – 6000 m^3
MS0	Flow rate 30 l/h ; Pressure 5 bar	**MS0**	**Indoor** 400 – 2200 m^3 ; **Outdoor** 300 – 1800 m^3
	Flow rate 42 l/h ; Pressure 5 bar		

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

Kontrol 100

Professional single parameter controller

MODELS
pH 0 – 14
ORP ± 1500 mV
Chlorine and Chlorine dioxide 0 – 0.5/ 1/ 2/ 5/ 10/ 20/200 ppm

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Kontrol 500

Professional single parameter controller with data logger included

MODELS
pH 0 – 14
ORP ± 1500 mV
Chlorine and Chlorine dioxide 0 – 0.5/ 1/ 2/ 5/ 10/ 20/200 ppm

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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

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 ± 1000 mV ; **Pressure** 0 – 6 bar ; **Body** Epoxy ; **Membrane** Platinum wire ; **Connections** Cable 1.5 m + BNC
SRH-1 6M	Range ± 1000 mV ; **Pressure** 0 – 6 bar ; **Body** Epoxy ; **Membrane** Platinum wire ; **Connections** Cable 6 m + BNC
SPH-1 6M AU	Range ± 2000 mV; **Pressure** 0 – 6 bar ; **Body** Epoxy ; **Membrane** Gold ; **Connections** Cable 6 m + BNC
SRH-3 PT	Range ± 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 (Al_2O_3) ; **Bearings**
Ceramic (Al_2O_3) ;
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±5% ; **Temperature** -15 – 70°C ; **Capacity Wire/Shield** 150 pF/m ; **Capacity Wire/Wire** 80 pF/m ; **Max Voltage** 49V ; **Nominal section** 8mm^2

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 ℃   /   RLN 80μm **Temperature** 2 – 40 ℃

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℃.

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**

SEKO