

# seko

## Solutions for **Dosing & Liquid Transfer**



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

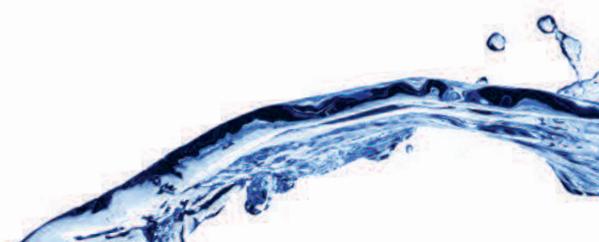
Being a privately-owned business means that we are here for the long term and can plan projects with and for our Customers, where both parties benefit. It means we can rapidly take decisions to invest our resources to ensure our optimum solutions are delivered.

## 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.



# Pump Solutions for Liquid Transfer

An ever-evolving set of solutions to move liquids safely and securely

SEKO designs and develops its own electromechanical and motor driven pumps, which include reciprocating positive displacement pumps, providing the greatest possible reliability and accuracy across many applications including pumping supercritical fluids. Every pump we design and produce shares common strengths: whether your needs include low maintenance costs, or long service life for diaphragms or perhaps pumps built to meet the exacting demands of the oil and gas, food and beverage or water industries. Exploiting our market experience, we design, develop, test and manufacture products that ensure all our solutions and systems deliver:

## Precision and Consistency

From managing the total cost of ownership of a system, whilst guaranteeing accurate measurement of critical water parameters from our Kontrol Series, through to chemically compatible raw materials, chosen for their robustness and durability in our manufacturing process, exemplified by our 5-year guarantee on our diaphragms, to our ATEX certificated pumps, SEKO is offers an optimal result, providing peace of mind and brand security.

## Safety and Reliability

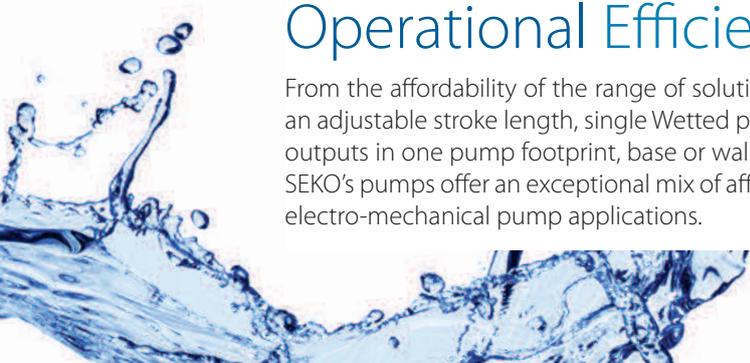
The safety of customers, installers and operators is paramount, requiring the very best in terms of design and features. From the IP65 class enclosures of our dosing systems and controllers through to the precise choice of materials in our pumps used to ensure full chemical compatibility and robustness 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, we are attuned to the differing needs of individual markets. This is why, when we design a new product, we ensure that installation is simple and that we use uniform programming language solutions that are intuitive and easy to understand, in whatever language you speak.

## Operational Efficiency

From the affordability of the range of solutions, through to thoughtful design elements such as an adjustable stroke length, single Wetted parts options, stabilised power supply, multiple model outputs in one pump footprint, base or wall mounting, and a common programming language, SEKO's pumps offer an exceptional mix of affordability and high performance across solenoid and electro-mechanical pump applications.



# Solenoid driven dosing pumps

SEKO's solenoid driven dosing pumps offer a versatile solution for all water treatment applications.



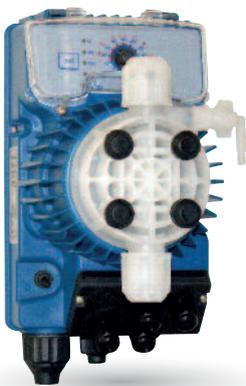
The range is available in both analogue or digital versions. The digital versions contain powerful microprocessors that guarantee dosing accuracy through correct proportional adjustments and are supported by a mechanical stroke setting. As there is only one moving part, drive is virtually wear-free and the pumps require no lubricated bearings or shafts, driving low maintenance and repair costs whilst offering excellent, continuous running characteristics. The multilingual menus make set up simple, quick and flexible. All models are compliant to IP65 classification and feature low level alarms. The ranges are made in a variety of materials that serves to ensure the broadest compatibility with the metered products.

# Tekna

## Solenoid driven dosing pumps

Tekna Series is the range of innovative **wall mounted** solenoid driven dosing pumps that SEKO has designed following many years of experience working with its customers worldwide. These multifunctional solenoid driven dosing pumps maintain outstanding precision and reliability, critical to any customer, characteristics synonymous with the SEKO name.

- Capacity range: 0.4 – 110 l/h, up to 20 bar
- Wetted parts: PVDF, PTFE, EPDM, FPM and Ceramic
- Analogue and digital range with constant or proportional dosage



CE  II 3GD  
Ex ic nA IIB T4 Gc  
Ex tc III CT120°C Dc IP65

Using only premium materials in its manufacture, Tekna's **pump head comes as standard in PVDF** and with a **ceramic ball valve**. These features assure high performance for the chosen applications and improve the **reliability** of the pump assuring the **chemical compatibility of the wetted parts**.

SEKO's **diaphragms are solid PTFE** offering superior life expectancy and are **guaranteed by SEKO for 5 years**, making routine replacement no longer necessary.

Tekna features reduced energy consumption thanks to a **Stabilized Multi Power Supply** 100 - 240 Vac 50/60 Hz.

Tekna is also available in **ATEX standard compliant versions**. This pump offers digital dosing with a constant or proportional flow rate, that is manually adjustable from 0 - 100% and has a level control input.

Tekna ATEX comes as standard with a **pump head in AISI 316**. Optionally available are heads in PVDF, outer casing made in aluminium and with a manual priming valve.

### The range also features

- Constant or proportional dosing according the measured Chlorine, Hydrogen peroxide or Peracetic acid
- PT100 probe input for thermal compensation
- Repetition alarm relay
- Input On/Off for remote control
- 4 – 20 mA output for measure transmission
- Timer function
- ppm dosing
- Batch Mode & On/Off input
- Statistics menu
- Flow sensor
- Level control inputs & alarm output relay
- Password protection
- Proportional dosing using both analogue (4 – 20 mA) and digital inputs

# Tekba

## Solenoid driven dosing pumps

Tekba is a digital solenoid driven dosing pump **with mechanical stroke length regulation**. It represents the best compromise between reliability, dosing precision, and ease of use and has been designed following the positive customer feedback SEKO has received on the Tekna Series. The Tekba Series offers a modern and reliable product, a reference point in the base mounted dosing pump sector.

- Capacity range: 2.5 – 110 l/h, up to 20 bar
- Wetted parts: PVDF, PTFE, EPDM, FPM and Ceramic



Tekba benefits from a **standard PVDF pump head** and **ceramic ball valve**, providing pump longevity and compatibility with all principal water treatment applications.

**Diaphragms** of PTFE offer a superior life expectancy **guaranteed by SEKO for 5 years**, making routine replacement no longer necessary.

Comes with a **Stabilized Multi Power Supply** 100 - 240 Vac 50/60 Hz offering reduced energy consumption.

The solenoid only draws the **required power** to activate the pump, based on the working conditions which brings **improved pump efficiency** as performance is not affected by **power supply fluctuations**.

Programmable via its keypad, the **flow rate can be manually or automatically adjusted**, the latter using input signals, across a range from 0 (pump stop) to 100% of the maximum flow rate.

Both **constant and proportional dosing** is available dependent on model type, with the latter available in both analogue and digital versions.

### The range also features

- Low level alarm
- Proportional dosing using both analogue (4 – 20 mA) and digital inputs

# Maxima

## Solenoid driven dosing pumps

SEKO's range of **base mounted** solenoid driven dosing pumps features **new revolutionary electronic stroke length regulation**. The range offers both constant and manually adjustable, proportional flow rates, which can be based on either an external analogue or digital pulse signal.

- Capacity range: 0.4 – 110 l/h, up to 20 bar
- Wetted parts: PVDF, PTFE, EPDM, FPM and Ceramic
- Analogue and digital range with constant or proportional dosage



Built using premium materials Maxima comes as standard with a **pump head made of PVDF** offering superior chemical compatibility for industrial, waste water treatment and potable water applications.

Advanced design and manufacturing processes means SEKO's **diaphragms are made of pure PTFE**, ensuring compatibility with most chemicals. This also provides a superior life expectancy, which SEKO **guarantees for 5 years**, reducing operating costs.

The use of **ceramic balls** as standard improves the **reliability of the pump and the chemical compatibility** of the wetted parts.

Maxima is supplied with a **Stabilized Multi Power Supply** 100 - 240 Vac 50/60 Hz offering reduced energy consumption.

Designed around a single outer casing, **Maxima offers 5 pumps with common fixing points**, allowing any selection of pumps to be quickly incorporated into **pre-assembled skids**.

### The range also features

- Constant or proportional dosing according the measured Chlorine, Hydrogen peroxide or Peracetic acid
- PT100 probe input for thermal compensation
- Repetition alarm relay
- Input On/Off for remote control
- 4 – 20 mA output for measure transmission
- Timer function
- ppm dosing
- Batch Mode & On/Off input
- Statistics menu
- Flow sensor
- Level control inputs & alarm output relay
- Password protection
- Proportional dosing using both analogue (4 – 20 mA) and digital inputs

# Kompact

## Solenoid driven dosing pumps

Kompact is a simple and reliable range of micro-processor based wall mounted solenoid driven dosing pump. The range has been designed to provide a general solution to the most commonly found daily needs. The range features both constant and proportional flow rates managed through a manually adjustable control dial on the front panel.

- Capacity range: 5 l/h at 8 bar or 3 l/h at 10 bar
- Wetted parts: PVDF-T, PTFE, EPDM, FPM and Ceramic
- Analogue and digital range with constant or proportional dosage



Kompact, even in its basic variant, uses premium materials in its manufacture. The **pump head** comes as **standard in PVDF-T**, but can be **optionally specified in natural PVDF** and comes with a **ceramic ball valve** as standard improving the **reliability of the pump over time** and offers **chemical compatibility of the wetted parts**. SEKO's diaphragms are made of pure solid PTFE offering a superior life expectancy **guaranteed by SEKO for 5 years**, making routine replacement no longer necessary.

Some variants come with a **Stabilized Multi Power Supply 100 - 240 Vac 50/60 Hz** offering **reduced energy consumption**. The solenoid only draws the required power to activate the pump, based on the working conditions which brings improved **pump efficiency** as performance is not affected by **power supply fluctuations**.

### The range also features

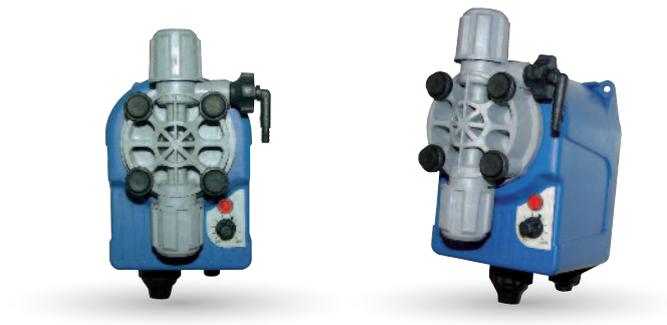
- Power-ON led indicator
- Multi colour LED status system
- Level control input
- Timed dosing with a weekly programmable timer
- Dosage in ppm, dosage batch
- Statistics
- Password protection for digital models
- Input ON-OFF (remote control)

# Invikta

## Solenoid driven dosing pumps

The Invikta Series is a series of micro-processor based solenoid driven dosing pumps. While Invikta may be the entry level to SEKO's range of solenoid driven dosing pumps, it still brings with it great reliability, quality construction and flexibility in the number of applications where it can work, such as: OEMs, Swimming Pools, Car Wash, Cooling Towers, Reverse Osmosis Systems and many other applications.

- Capacity range: 0.2 – 5 l/h, up to 7 bar
- Wetted parts: PVDF, PTFE, EPDM, FPM and Ceramic



As with the rest of SEKO's products Invikta, uses premium materials in its manufacture. The **pump head is optionally available in PVDF** and but the **ball valves are ceramic as standard** further enforcing the reliability of the pump and assures the chemical compatibility with all the wetted parts. SEKO's **diaphragms** are made of pure solid PTFE offering a superior life expectancy **guaranteed by SEKO for 5 years**, making routine replacement no longer necessary, making this essential pump a great entry point into the SEKO range.

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External plastic enclosure is in PP which comes with **IP65 class protection** against jets of water and aggressive environments. A **low-level alarm** can be requested as an optional extra.

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The range also features

- Wall mounting

# Accessories

## for a perfect installation

The trouble-free operation of a pump depends on the correct pre-installation analysis that is specific for the required task. The consequent choice of accessories and their sizing are very critical for the correct and smooth performance of a reliable system.



Threaded water meters  
TC1 - TH1 - TC0 Series



Flanged water meters  
FC Series



Mixers



Suction Devices



Polyethylene tanks  
SER Series



Reinforcement and Uncovered  
tanks



Flow Sensor



Priming-aid



Pump head with  
automatic  
degassing valve



Adjustables valves HY Series



Injection valves



Multifunction  
valve



Fixed / Adjustable  
backpressure valves





# Motor driven dosing pumps

SEKO's range of motor driven dosing pumps offer high levels of accuracy in dosing and flexibility in use for the most demanding water treatment applications.

SEKO offers an extensive range of dosing pumps with a capacity rating of up to 2065 l/h. The membrane versions can work effectively with the most problematic liquids, while our piston variants offer superior performance, giving the user the opportunity to find the most appropriate solution whatever the application.

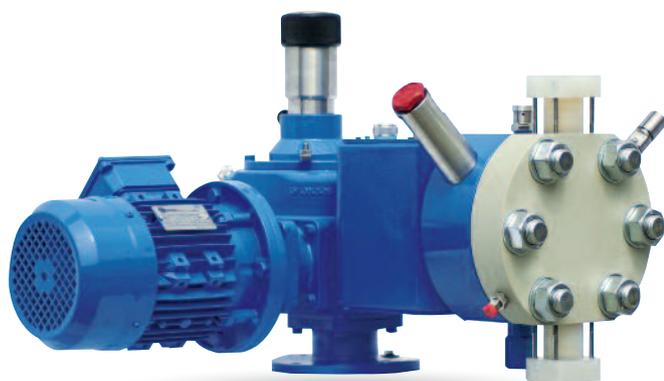
# Tork



## Hydraulic double diaphragm dosing pumps with full motion mechanisms

SEKO's long standing experience of designing and producing pumps for heavy duty applications has been utilized for the design of the Tork series. It offers an outstandingly flexible pump configuration allowing for customization of the pump even post installation whilst remaining always easy to maintain.

- Capacity range: up to 2065 l/h, up to 200 bar
- Wetted parts: SS 316L, PP, PVDF and PTFE
- Certified ATEX 94/4/CE II 2 G E IIB T4 (for Zone 1)



Designed to produce **low noise emissions** and to minimize power consumption. Each mechanism comes complete with an internal gearbox; pumps with different speeds (strokes/min) can therefore be joined, allowing for **greater flexibility** in selecting the pumps themselves. Its high precision stroke adjustment, to an **accuracy level  $\pm 1\%$** , can be **both manually or electrically adjusted** using SEKO designed **electrical actuators**.

Other features include a **zero-leakage profile** offering watertight construction for **dosing toxic, corrosive and other hazardous liquids**; its **double diaphragm protection system** immediately signals the anomaly whilst not stopping the pump from working, thereby **preventing immediate downtime**.

Manages **solid suspensions** thanks to the diaphragm not requiring **perforated shields** on the process side, which allows liquids containing solid suspensions to be pumped.

### The range also features

- Mechanical refilling system
- PTFE diaphragms compatible with a vast assortment of liquids
- Flow rate modularity
- Venting system
- Pressure relief valve

# Stark



## Hydraulic diaphragm dosing pumps with full motion mechanisms

The Stark series are hydraulic diaphragm dosing pumps suitable for applications that require very high levels of precision, manufactured with materials that ensure compatibility with the widest range of liquid dosing application.

- Capacity range: up to 660 l/h, up to 124 bar
- Wetted parts: SS 316L, PP, PVDF and PVC
- Certified ATEX 94/4/CE II 2 G E IIB T4 (for Zone 1)



Conceived to produce **low noise emissions** and to minimize power consumption. **High precision stroke adjustment**, both manual and via electric actuator.

Other design features include a **zero-leakage profile** offering watertight construction for **dosing toxic, corrosive and other hazardous liquids**; it also offers **protection against pollutants** which could contaminate the liquid that is being pumped.

The **flow rate adjustment** uses SEKO's **AKTUA system** that replaces the pump's manual flow adjustment device with an automatic system that offers **remote management**.

A mechanical refilling system maintains a constant hydraulic fluid level, thereby **guaranteeing maximum precision and repeatability**. It also helps manage the eventual deformation of diaphragm thereby increasing its lifespan and **reducing operational costs**.

The range also features

- PTFE diaphragms compatible with a vast assortment of liquids
- Cartridge valves for maximum dosing precision.
- Venting system
- Pressure relief valve

# Kosmo

## Mechanical-return diaphragm dosing pump

SEKO's newest pump, Kosmo is a range of electric motor-driven pumps with mechanical diaphragm liquid ends and mechanical return aimed at delivering exceptional performance across a wide range of flow and pressure environments.

- Capacity range: up to 2300 l/h at up to 12 bar (10 bar for 2300 l/h)
- Wetted parts: SS 316L and PVDF



Range has two principal models MM1 and MM2 designed to be compact and robust. Offers excellent performance across a wide range of **flow rates as low as 3.5 l/h up to 2300 l/h**. This makes Kosmo ideal for **low discharge pressures** – for example in the water treatment industry, but also in the food industry in clean-in-place applications.

Designed using materials chosen for their robustness and conceived to work for **long periods of continuous operation** thanks to the benefits derived from its **variable eccentric system**.

Kosmo can effectively be used in any of the following applications: **potable water treatment** (injection of coagulants, flocculating agents, sodium hypochlorite, lime slurry, acid, bases, caustic soda, activated carbon, etc.); **domestic or industrial waste water treatment**, boiler feed water, **reverse osmosis**, **cooling water**; **chemical treatment**, electrolytic (electro-plating) treatments: addition of degreasing agents, cleaning agents, nickel electroplating and chemical nickel plating, copper plating, tinning; etc.

The range also features

- Broad range of chemical compatible materials
- Permanent lubrication of mechanism
- Low noise operation
- Protection degree IP55

# Spring

## Plunger piston and mechanical diaphragm dosing pumps

Motor driven dosing pumps need to be robust, reliable and able to run on their own without supervision. SEKO's entry level offering in motor driven pumps is the Spring series. Three sizes of mechanism and a wide selection of models with varying performance profiles allow the user to find the appropriate solution for almost any application, offering accurate dosing even under fluctuating pressure conditions.

- Capacity range: up to 1200 l/h, up to 20 bar
- Wetted parts: SS 316L, PVC, PP and PVDF

Features a **spring return mechanism** in an **aluminium housing**. These pumps always deliver **robust, affordable and efficient power**. They offer **flexibility in stroke length and motor speed** which are separately controllable. Thanks to the mechanically actuated diaphragms, SEKO's Spring pumps can be used almost universally in **low pressure applications** with the additional benefit of being a **zero-leakage solution**.

### The range also features

- Piston available as standard in SS316 or ceramic
- Mechanical diaphragm in PTFE
- Every pump can be equipped with an electric actuator which accepts a 4 – 20 mA signal

## Spring PS1 Plunger piston dosing pumps

The PS1 series piston dosing pump offers a flexibility of choice combining different pump head and engine power options that ensures a solution for almost any eventuality or application.

The PS1 Series' performance achieves **flow levels between 1.5 and 304 l/h at pressures up to 20 bar**.

Each model can be **configured with 2 different stroke rates**.

**Stroke lengths** can be set automatically or manually using the **AKTUA Kit** which uses a 4 - 20 mA signal.



Spring PS1 is supplied with a **3 phase electric motor** with **IP55 protection**. Optionally available on request is a single-phase motor.

The **PS1 12 VDC** range achieves **flow rates between 34 and 350 l/h at up to 20 bar**.

## Spring PS2 Plunger piston dosing pumps

The PS2 series piston dosing pump also offers multiple combinations of pump heads and motor power that enables it to adapt to a large number of applications.

The PS2 achieves **flow rates of between 40 and 1000 l/h** with a **pressure up to 20 bar**. Whilst having similar features with the PS1 Series, PS2 Series is also flexible, being able to **alter its hydraulic characteristics** thanks to a bigger size of piston and longer stroke length, which therefore **alters the flow rate and power**.

Like PS1, PS2 pumps have a spring-loaded mechanism in an aluminium housing, and each model can be configured with **2 different stroke rates**.



**Stroke lengths** can be set automatically or manually using the **AKTUA Kit** which uses a 4 - 20 mA signal.

PS 2 pumps are supplied as standard with a **3 phase electric motor**, though a **single-phase** is available on request, both with **IP55 protection**.

## Spring PS2 HP Plunger piston dosing pumps

The PS2 series of High Pressure Piston dosing pumps can adapt to a large number of applications.

The PS2 High Pressure Series covers a **flow rate of 0.25 to 12 l / h** with a **back pressure of 100 bar**. Like other variants in the Spring Pump series, PS2-HP has a spring return mechanism in an aluminium housing.

This model has **2 stroke rates**.

**Stroke lengths** can be set automatically or manually using the **AKTUA Kit** which uses a 4 - 20 mA signal.



They can be powered by a **3-phase motor** which has an **IP55 electrical protection** classification.

For use in applications requiring an economic and practical solution for **dosing small amounts of product with at high pressure**, for example in a boiler at **up to 100 bar**.

## Spring MS1 Mechanical diaphragm dosing pumps

Mechanical diaphragm dosing pumps MS1 series offer several combinations of pump heads able to adapt to a large number of applications.

The MS1 Series achieves **flow rates between 5.5 and 1200 l/h with a pressure of up to 16 bar**. Multiple combinations of pump head and motor power provide options in selection of the **optimal combination** most suited to the specific application.

The MS1 pumps have a spring return mechanism in a single aluminium housing. Each model works with **3 different stroke rates**.

**Stroke lengths** can be set automatically or manually using the **AKTUA Kit** which uses a 4 - 20 mA signal.



In addition, Spring MS1 pumps can be supplied with a **single or three-phase electric motor with IP55 protection**.

The MS1 12 VDC range achieves **flow rates between 23 and 620 l/h at up to 16 bar**.

## Spring MSV Mechanical diaphragm dosing pumps

MSV is a new range of diaphragm dosing pump, designed to ensure reliable and effective long-term transfer of fluids. MSV features motorized mechanisms with high performance, high efficiency motors that are mounted vertically in a PP casing.

Reinforced by its **double camshaft** mechanical structure, the pump offers **high levels of stability** while remaining a **low noise unit** with exceptionally accurate flow rates.

Adaptable to a wide range of uses, Spring MSV provides **high dosing accuracy** across a wide variety of **liquids, sludge and chemicals**.



With **flow rates between 10 and 120 l/h** MSV can also be adjusted by regulating the stroke length.

# Accessories

for a perfect installation

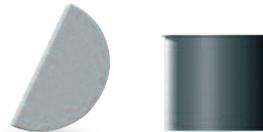
The trouble-free operation of a pump depends on the correct pre-installation analysis that is specific for the required task. The consequent choice of accessories and their sizing are very critical for the correct and smooth performance of a reliable system.



Mixers



Polyethylene tanks  
SER Series



Reinforcement and Uncovered  
tanks



Calibration pots



Pulsation dampers



Adjustable  
Backpressure valves



Overpressure valves



Backpressure valves



# Peristaltic dosing pumps

Combining ease of use with superior technology, SEKO's peristaltic range ideally showcases the company's product offering to the Water Treatment and Industrial process markets.

The extensive range provides solutions for every type of Water & Industry process. Features include Stepper motors, that offer the ultimate in dosing accuracy and versatility for use in a wide range of potential applications. The range also provides advanced solutions for the OEM market.

# Kronos

## Peristaltic dosing pumps

The Kronos Series of peristaltic dosing pumps is the result of SEKO's dedication to innovation in its product range and SEKO's passion for delivering dosing systems that meet the technical requirements of increasingly complex and large customers.

- Capacity range: 2 – 25 l/h, up to 4 bar
- Roll PTFE body, Enclosure box IP65
- Standard installation kit includes: Ceramic foot filter, FPM non return valve, PVC and PE tubes



Kronos' superior design principles allied to the use of a high quality **stepper motors** along with **innovative electronic control systems** brings accuracy of dosing down to 0.01% of its maximum flow rate. The dosing function is particularly accurate and reliable over time, while the stepper motor offers an **extended lifetime** and a **superior quietness in operation (<35dB)**.

**Digital programming of the parameters** via keyboard and display ensures a **fast set up** and final check on the programming data. The **easy and intuitive menu** enables a simple setting of the various options without the risk of forgetting anything. The internal menu also allows users to check the **statistics on the life of the tube and the operating life of the pump**

All Kronos pumps can use a **wide range of membrane tubes** ensuring perfect **chemical compatibility** without any sacrifice in the mechanical resistance of the tube. Currently the range of available Sekotubes includes **Santoprene, SekoBril, SekoFlex and SekoKem**.

New to the range are several new tubes, fully tested in our laboratories such as **SekoExtra, SekoMed and SekoFort**, this last one being specifically aimed at use with mineral oil, HP-San for high pressure, Sekolast and Pharmapure tubes for high chemical compatibility.

Kronos is an ideal range for use in Water treatment applications. Satisfied customers can already be found in the following areas: **drinking, water applications, irrigation systems, cooling tower applications, swimming pools, flocculent dosing systems, priming of chemical products that release gas easily.**

The range also features

- Anti-scaling proportional dosing via an external pulse signal
- Open drain valve for blow down function via a conductivity feedback measure
- Software settings that disable drain action after chemical dosing



# Dosing and injection packages

Where time is precious, costs are high and processes are intense, Dosing and injection systems provide a sometimes tailor made guarantee of precision, durability and reliability.

Injection and dosing systems for chemicals tend to be subject to very exacting requirements, with tailor made designs usually being required for a specific application and industry. There is also enormous demand for reliability and easy maintenance in extremes of environment be they hot, cold, on land or in the ocean.

# Dosing and injection packages

For more than 40 years SEKO has linked its success to a wide range of industrial fields by supplying complete dosing pumps and packages throughout the world. SEKO develops its own projects to best solve metering and pumping problems relating to different fluid properties and plant operating conditions.

The main industrial application areas for the dosing/injection packages designed and produced by SEKO are:

- Water treatment (municipalities, wastewater)
- Industrial sectors (steel, ceramics, food & beverages, detergents, paper, textile and pharmaceutical industries)
- Energy (boilers, desalination, cooling towers, environment)



## Advantages of SEKO chemical dosing/injection packages

- Range that covers applications from water treatment to oil & gas, to the food industry
- Products designed, manufactured and commercialized by SEKO worldwide
- Design and implementation of systems, from mechanical installation to electrical and automation systems & turnkey projects
- Ability to match many and multiple parameters - variances in pressures & flow rates, adverse environmental conditions, marine environment, ATEX / NON ATEX
- Professional design programs, software and personnel that ensure safety of processes
- Optional accessories: atomizers, instrumentation, custom connections, heating systems etc.
- Own maintenance service, prompt interventions, warranty of maintenance

# 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](http://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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