

SEKO Connectivity Platform

In today's connected world, customers expect to manage their equipment remotely, using the Internet of Things to access operational information via smart device or computer at their convenience. Whether viewing data in real time or analysing it historically, remote connectivity allows costs to be optimised and downtime reduced through targeted maintenance.

SekoWeb & Data on Demand

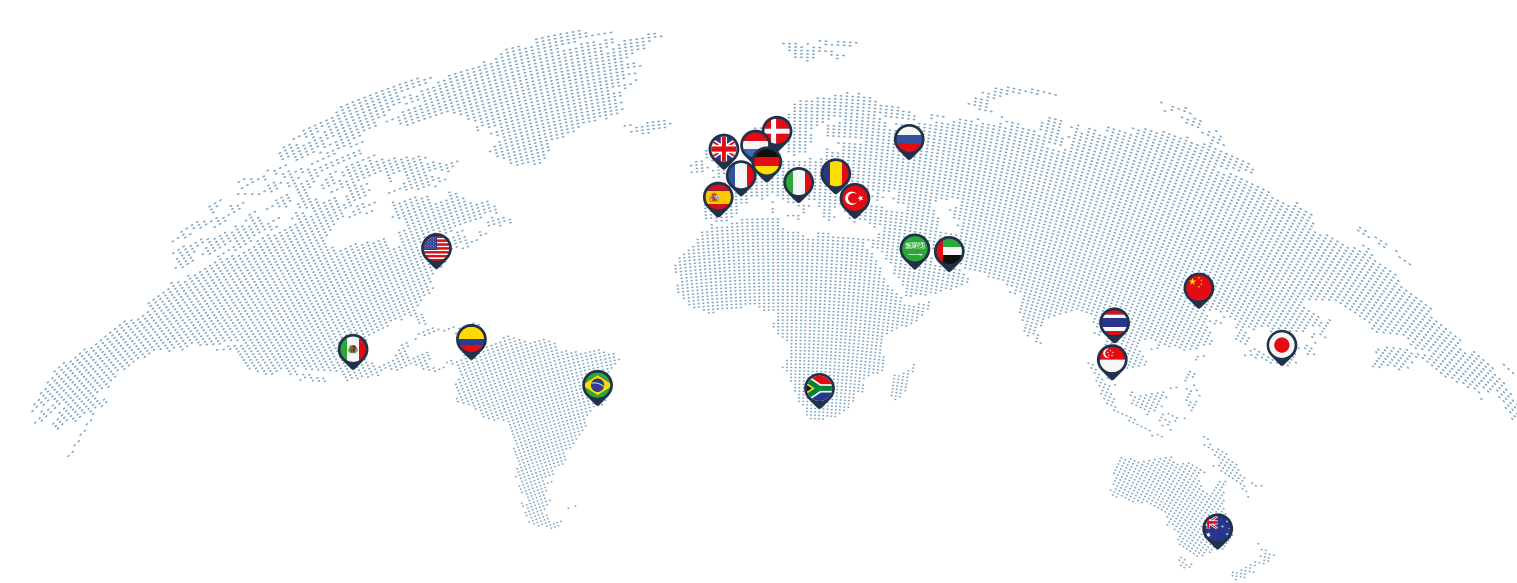
With the dedicated SekoWeb online splatform and app, SEKO users can connect to their equipment like never before. Whether at work, at home or on the move, operators can access their systems across multiple locations worldwide in an instant from a single intuitive platform.

SEKO's IoT-enabled systems allow users to:

- Monitor their overall business processes
- Improve customer experience
- Save time and money
- Enhance employee productivity
- Integrate and adapt business models
- Make better business decisions
- Generate more revenue



Globally Present, Locally Active



Twenty-two national SEKO companies across six continents means that, wherever you are, you enjoy the same exceptional level of service as every SEKO customer around the world.

And an accredited partner distributor network allows us to provide local customer support in over 120 countries, so you benefit from region-specific knowledge and rapid delivery of goods as well as world-class after-sales service and technical assistance.

SEKO Hub

A world of SEKO in one

For everyone from buyers and engineers to end users, SEKO Hub is the ultimate all-encompassing platform that brings you to the heart of SEKO and gives you what you need when you need it.

Bringing together essential documents such as manuals, case studies, data sheets and brochures as well as tutorial videos, favourite products, an appointment booking system and so much more, SEKO Hub is a central personalised platform to revolutionise the way you work.

SEKO Hub is available online or via app, so you're never without it whether you're at work, at home or on the move. It's your home for the complete SEKO experience, so join SEKO Hub and make our world a part of yours.

SEKO reserves the right to amend and change specifications without prior notice. All pictures shown are for illustration purpose only. Actual product may vary due to product enhancement. Published data may be subject to change.
© 2023 SEKO, Layout and origin: UK, 850001 W&FLY EN V01



MORE THAN 45 Years' Experience

Since 1976, SEKO's design and manufacturing expertise has delivered dosing precision, consistency and reliability across a comprehensive product range.

Water & Industry Product Overview 2023



 Part of Lasatec Industrial Holding	 World leader in pump production	 Water & Industry division	 Cleaning & Hygiene division
 1,300+ employees	 22 fully-owned companies	 Operating in 120 countries	 1,400,000+ pieces produced annually
 SekoWeb - pioneering IoT remote technology	 12 new patents in 2022	 14 new project developments in 2022	 8 new product launches in 2022
 Manufacturing plants in IT, RO, CN, USA & BR	 ISO 9001, ISO 14001 & ISO 45001 certified	 100% of products tested before shipment	 1,800 in-house moulds

Solenoid-Driven Dosing Pumps



Tekba & Komba

Solenoid-driven pumps with mechanical stroke-length regulation

These are digital solenoid dosing pumps characterised by horizontal mounting, stable flow rate and ease of use. Their renowned dosing precision and IoT capabilities make them a trusted solution for water-treatment professionals. Meanwhile, Tekba-R offers mechanical stroke-length regulation for achieving greater dosage precision.

- Flow rate: 2.5 – 110 l/h, up to 20 bar
- Wetted parts: PVDF, PTFE, FFKM, EPDM, FKM-B and ceramic



Kompact

Compact wall-mounted solenoid-driven dosing pumps

Kompact is a range of simple, reliable and compact wall-mounted solenoid-driven pumps. Designed to provide an effective response to the differing needs of the market, the series comprises multiple models, both with analogic and digital interfaces, to meet the most common installation conditions.

- Flow rate: 3 – 5 l/h up to 10 bar
- Wetted parts: PVDF, PTFE, EPDM, FFKM, FKM-B and ceramic
- Analogue and digital range with constant or proportional dosage

Tekna

Wall-mounted solenoid-driven dosing pumps

With both analogue and digital interfaces, Tekna solenoid dosing pumps are designed for the most common water-treatment and industrial applications. Front-mounted knobs and LEDs ensure simple operation and easy access to dosing status, while high accuracy is provided by an internal micro-processor.

- Flow rate: 0.4 – 110 l/h, up to 20 bar
- Wetted parts: PVDF, SS316L, PTFE, FFKM, EPDM, FKM-B and ceramic
- Analogue and digital range with constant or proportional dosage



Invikta

The market's most user-friendly solenoid-driven dosing pump

Controlled via microprocessor, Invikta represents the most effective solution for many simple water-treatment applications. Due to its compact size, Invikta is often used as an OEM pump, integrated in more complex equipment while being well suited to some swimming pools and spa applications, car-washes, cooling water treatment, small reverse osmosis systems and many other situations.

- Flow rate: 0.2 – 5 l/h, up to 7 bar
- Wetted parts: PVDF-T, PTFE, EPDM, FKM-B and ceramic

Motor-Driven Dosing Pumps



Kosmo

Mechanical-return diaphragm dosing pump

The Kosmo series comprises electric motor-driven pumps with mechanical diaphragm liquid ends and mechanical return. Kosmo pumps are manufactured from materials that deliver superior robustness and chemical compatibility and are designed to operate continuously for long periods, thanks in part to the benefits of the variable eccentric system.

- Flow rate: 9 – 2,300 l/h, up to 12 bar
- Wetted parts: SS316L, PVDF, PTFE, FPM, EPDM and ceramic



Elektra

IoT-enabled pump controller for 24/7 data on demand

The revolutionary Elektra brings solenoid-driven dosing precision to motor pumps by linking dosage to external signals and parameters. Meanwhile, Elektra's Wi-Fi connection enables 24/7 connection to the pump for access to real-time and historical data and immediate dosing adjustments.

- Proportional dosing based on 4-20mA or pulse input
- 1/N, N/1 dosing method
- Batch dosing method
- Enables remote pump management via SekoWeb app and online portal



Spring

Mechanical diaphragm & plunger pumps, with spring return

The Spring series offers outstanding performance and reliability in multiple water-treatment and industrial applications. The various models in the range guarantee a solution for any need, including membrane and plunger types, different materials for the wetted parts and special versions for high pressure and high flow rate.

- Flow rate: 1.5 – 1,200 l/h, up to 100 bar
- Wetted parts: SS316L, PVDF, PP, PVC, PTFE, FPM, EPDM and ceramic



Spring MSV

Compact spring-return diaphragm dosing pump

MSV pumps are the latest addition to the Spring range. These diaphragm dosing pumps are designed to ensure reliable and effective long-term dosing of chemicals at an affordable cost. They feature motorised mechanisms with high-performance, high-efficiency motors, mounted vertically over their PP casing to save space, especially where pumps are installed adjacent to one another.

- Flow rate: 10 – 120 l/h, up to 5 bar
- Wetted parts: SS316L, PVDF, PTFE, FPM, EPDM and ceramic

Peristaltic Dosing Pumps



Kronos

Peristaltic dosing pumps for water and industrial applications

Delivering superior dosing precision, consistency and reliability, the Kronos Series is a range of high-performance peristaltic dosing pumps designed specifically for water-treatment and industrial applications. Available in different models for constant, proportional and measure-controlled dosing, these pumps are trusted by water and industry professionals worldwide.

- Flow rate: up to 25 l/h
- Backpressure: up to 4 bar
- Tube: Santoprene, SekoMed, SekoExtra and others

Air-Operated Double-Diaphragm Pumps



Duotek

Effective transfer of every liquid type

Air-operated double-diaphragm pumps have long been recognised as the most flexible pumps for handling difficult liquids at relatively low pressures and flows in a virtually limitless range of applications. Duotek pumps come in many sizes and materials of construction. Almost every type of liquid, from highly corrosive acids through high-viscosity paints and adhesives to food and drink products, can be pumped.

- Made in PP, PVDF, Aluminium, SS316, POMc
- Flow rate: 8 – 1,000 l/min
- ATEX certification for Zone 2

Side Channel Blowers Vacuum & blast air systems



The silent-running Side Channel Blowers deliver high volumes of clean, dry air at low pressures and vacuums in a package that has no wearing parts, does not need lubrication and therefore requires virtually no maintenance. These lightweight systems perform offer both compression and vacuum and may be installed horizontally or vertically.

- No lubrication required
- Minimal maintenance
- Silent operation
- Smooth air flow



Whether you're a technician or an end user, SEKO has IoT-enabled remote access solutions for achieving and maintaining perfect-quality dosing in your application.

Housing state-of-the-art technology within intuitive interfaces, SekoWeb has been designed with the user in mind to make remote management of your plant quick, easy and cost-effective.



With live and historical data at their fingertips, engineers can make vital dosing adjustments 24/7 in order to maintain safe, healthy plant conditions, making the portal ideal for complete management of professional installations.

Metering, Measurement & Control Systems Wall, panel and cabinet-mounted solutions



Kontrol 800 Panel

Metering and measurement for water-treatment processes

A series of pre-assembled, panel-mounted systems that manage and adjust parameters in professional water-treatment applications.

- Accessibility from SekoWeb portal for parameter management via dedicated gateway
- Amperometric and potentiostatic probes include high-grade insulation
- Galvanic electrical and measure insulation



Photometer System

Photometric analysis and measurement unit

The SEKO Photometer System is a professional instrument for measuring chlorine, based on sampling with the photometric method (DPD). Frequent periodic measurement of parameters ensures the highest accuracy in professional water-treatment applications while users can monitor up to six parameters – three with the photometric sampling method and three using external probes.

- Available measurements: pH, ORP and free, total and combined chlorine
- Level probes continuously monitor the presence of the DPD reagents; they are supplied in powder form and must be diluted before use: an excellent solution for safely storing the product anywhere



Kontrol 100 & 102

Single & double-parameter instruments for high-precision applications

Offering professional single and double-measure control for high-end water-treatment and industrial applications, the advanced Kontrol 100 and Kontrol 102 systems are equipped with analogue and digital outputs that can be set via software, providing the user with full programming autonomy.

- Device management through the SekoWeb portal
- Integrated professional PID algorithm, for accurate and effective process control
- Manual downloadable via QR code



Kontrol 65

Single-parameter instrument for water-treatment applications

Kontrol 65 is a family of single-measure controllers, with each model dedicated to a specific measure. Characterised by isolated measurement and suitable for most water-treatment and industrial applications, this intuitive controller features a bar function that enables rapid menu navigation.

- Amperometric and potentiostatic probes using 4-20mA standard
- Available measurements: pH, ORP, CD, flux and free chlorine
- Three power inputs: 24Vac, 115Vac and 230Vac