

seko

Kronos pumps

Peristaltic dosing pumps



Your Choice,
Our Commitment

The Kronos Series of peristaltic pumps is the result of SEKO's dedication to innovation in its product range

and SEKO's passion for delivering systems that meet the technical requirements of increasingly complex and large customers.

Stepper Motor

SEKO's Kronos peristaltic range ideally showcases the company's product offering to the Cleaning and Hygiene, Water Treatment and Industrial process markets. Features Stepper motors, that offer the ultimate in dosing accuracy down to 0.01% of its maximum flow rate and versatility for use in a wide range of potential applications.

Innovative enclosure

As with all SEKO pumps, Kronos is easy to install and the fastener system that is employed makes for easy maintenance of the electronic circuitry, reducing cost and complexity, by eliminating the need to remove connections that have already been made.





Electronic control

The innovative electronic control system used in the Kronos family ensures its full potential is fully exploitable providing accuracy of dosing across the full lifetime of the motor. An operating db of under 35dB also means that Kronos is among the quietest pumps.

Intuitive menu

The 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.

Roller housing with PTFE rollers

Easy to install. The fasteners also allow easy maintenance of electronic circuits without having to remove the electrical connections already made.

Tubes

All of the Kronos pumps are equipped to use a wide range of membrane tubes ensuring perfect chemical compatibility without any need to sacrifice the mechanical resistance of the tube. Currently the range of available Sekotubes includes, Santoprene (NORPRENE®), SekoBril, SekoFlex, HP-San 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.

The main application

Kronos Series meets the needs of the Water and Industry applications. To date, Kronos finds can 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

Kronos 50

Quiet, reliable, precise

As with the other Kronos pumps, the Kronos 50 is equipped with a Stepper motor, that provides infinitely adjustable (0.1 -100%) and silent dosing. Its advanced technology and materials means the various models can reach flow rates of up to 15 l/h (at 0.1 bar) and can dose at back pressures up to 4 bar with a special HP-San tube.

Features

Enclosure box IP65 ; Display LCD 16 letters x 2 lines ; 3 PTFE rollers ; Stepper motor ; Installation kit included Ceramic foot filter and FPM non return valve, PVC and PE tubes.



Model Type EC

with conductivity meter built in for cooling tower

Three basic functions: anti-scaling proportional dosing via external pulse signal; open drain valve for blow down function via conductivity feedback measure; disable drain action after chemical dosing via software setting.

Technical data

Tube	SekoMed
Flow rate	10 l/h
Pressure	2 bar
Conductivity measure	



Model Type HX

with pH/ORP controller meter built in

One basic function: proportional chemical dosing by pH or Redox analysis. The pump has galvanised electrical insulation.

Technical data

Tube	Santoprene
Flow rate	3 l/h
Pressure	3 bar
pH range	0 – 14
ORP range	±1000 mV

Model Type FM

Two basic functions: proportional dosing by external pulse or 4 – 20 mA signal. The pump has galvanised electrical insulation. **Special version** with SekoFort tube for mineral oil and with HP-San tube for high pressure.

Technical data

Tube	Santoprene	SekoExtra	SekoMed	SekoFort	HP-San
Flow rate	15 l/h	2 l/h	10 l/h	2 l/h	4 l/h
Pressure	0.5 bar	3 bar	2 bar	3 bar	4 bar

Model Type FF

Three basic functions: proportional dosing by external 0-10 Vdc, pulse or 4-20 mA signal. The pump has galvanised electrical insulation.

Technical data

Tube	SekoMed
Flow rate	10 l/h
Pressure	2 bar
Serial port	RS485 with Modbus RTU

Kronos 65

Precision and flexibility across Water Treatment applications

The Kronos 65 family is equipped with a Stepper motor, that makes the dosage infinitely adjustable (0.1 – 100%) and silent.

The Kronos 65 has a large 65mm head size and due to the advanced technology and materials used, it can reach flow rates up to 25 l/h (at 0.1 bar).

Features

Enclosure box IP65 ; Display LCD 16 letters x 2 lines ; 3 PTFE rollers ; Stepper motor ; Tube breakage detection system ; Installation kit included Ceramic foot filter and FPM non return valve, PVC and PE tubes.



Model Type FM

Two basic functions: proportional dosing by external pulse or 4 – 20 mA signal. The pump has galvanised electrical insulation.

Technical data

Tube	NORPRENE®
Flow rate	25 l/h
Pressure	0.5 bar



Kronos 20

Proportional dosing with pH/ORP control meter built in

The Kronos 20 digital pump is a higher level professional pump suitable for use in medium duty applications.

Single function - proportional chemical dosing reading either pH or ORP, the pump features fully galvanised electrical insulation.

Features

Enclosure box **IP65** ; Display **LCD 8 letters x 2 lines** ; **3 PTFE rollers** ; **Brushed DC motor** ; pH or ORP measure setting via SW ; **Installation kit included** Ceramic foot filter and FPM non return valve, PVC and PE tubes.



Model Type HX

with pH/ORP controller meter built in

One basic function: proportional chemical dosing by pH or Redox analysis. The pump has galvanised electrical insulation.

Technical data

Tube	Santoprene
Flow rate	7 l/h
Pressure	1.5 bar
pH range	0 – 14
ORP range	±1000 mV

The PoolKronos a new range of peristaltic dosing system controllers and instruments with pH/ORP built in dedicated for Swimming Pool applications.

The dosing systems have been designed to provide the highest level of flexibility for installation and user-friendliness in programming.



PoolKronos 10

Constant dosing with pH or ORP control meter built in

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.

Features

Roll PTFE body ; Enclosure box **IP65** ; Display **LCD 7 segment** ; **Brushed DC motor** ; **Installation kit included** pH and ORP probes, pressurized probe holder, pH and ORP buffer solutions, piping DN50, ceramic foot filter and FPM non return valve, PVC and PE tubes.

Technical data

Tube	Santoprene
Flow rate	1.5 l/h
Pressure	1.5 bar
pH range	3.8 – 8.2
ORP range	400 – 999 mV
Pool Size	Indoor 1 – 130 m ³ Outdoor 1 – 110 m ³



PoolKronos 20

Proportional dosing with pH/ORP control meter built in

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.

Features

Roll PTFE body ; Enclosure box IP65 ; Display LCD 8 letters x 2 lines ; Brushed DC motor ; **Installation kit included** pH and ORP probes, pressurized probe holder, pH and ORP buffer solutions, piping DN50, ceramic foot filter and FPM non return valve, PVC and PE tubes.

Technical data

Tube	Santoprene
Flow rate	1.5 l/h
Pressure	1.5 bar
pH range	4 – 10
ORP range	300 – 999 mV
Pool Size	Indoor 1 – 130 m ³ Outdoor 1 – 110 m ³



PoolKronos 50

Proportional dosing with pH/Redox control meter built in

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.

Features

Roll PTFE body ; Enclosure box IP65 ; Display LCD 16 letters x 2 lines ; Stepper motor ; **Installation kit included** pH and ORP probes, pressurized probe holder, pH and ORP buffer solutions, piping DN50, ceramic foot filter and FPM non return valve, PVC and PE tubes.

Technical data

Tube	Santoprene
Flow rate	2 l/h
Pressure	3 bar
pH range	0 – 14
ORP range	0 –2000 mV
Pool Size	Indoor 1 – 140 m ³ Outdoor 1 – 120 m ³



Your Choice, Our Commitment

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

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



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

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

© SEKO, Layout and origin: Italy, 850001-Kronos_en, 12.2017

The SEKO logo is positioned in the bottom right corner. It features the word "seko" in a bold, lowercase, blue sans-serif font. The letter "s" is particularly prominent, with a thick stroke. The background of the entire page is a high-quality, close-up photograph of water splashing, with various droplets and bubbles in shades of blue and white, creating a dynamic and fresh visual.