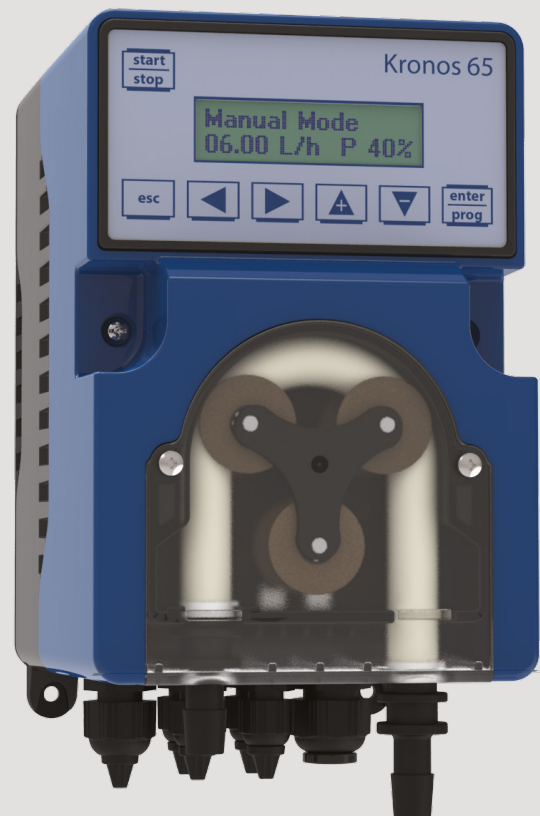


seko

Water & Industry

Peristaltic Dosing
Pumps 2025





Peristaltic

Dosing Pumps



Product Overview

		Kronos 65	Kronos 50	Kronos 20
				
Features	IP65 enclosure box	•	•	•
	LCD display	16 x 2	16 x 2	8 x 2
	Motor	Stepper	Stepper	Brushed DC
	Tube breakage detection system	•	•	•
	pH/ORP input		•	•
	Installation kit: • Ceramic foot filter • FPM injection valve • PVC suction tube • PE delivery tube		•	•
Model Type	HX: with pH/ORP • Built-in controller meter		•	•
	FM: proportional: • Digital frequency signal (pulse) • Analogic signal (4 - 20 mA)	•	•	
	FF: proportional full: • Digital frequency signal (pulse) • Analogic signal (4 - 20 mA) • Voltage signal (0 - 10V)	•	•	
	EC: for cooling towers • Conductivity input for drain control • Dosage proportional to water flow • Specific cooling tower menu		•	
Tube	Santoprene	•	•	•
	SekoExtra		•	
	SekoMed		•	
	SekoFort		•	
	HP-San		•	

Kronos Series

Multi-application peristaltic pumps

Kronos is a range of durable and robust peristaltic pumps suited to multiple applications within the cleaning and hygiene and water-treatment industries. Easy to install and requiring minimal maintenance, the whole Kronos range is designed to deliver a “fit and forget” solution that provides convenience and reliability for busy operators. Where hydraulic conditions allow it, the use of a peristaltic rather than solenoid pump allows users to avoid the common difficulties in priming when changing the tank such as possible scaling inside the valves and the rhythmic noise of the working pump, allowing a constant, uniform and non-impulsive dosage of the chemical.

Applications

The versatile Kronos Series is suited to multiple water-treatment applications:



Drinking water



Irrigation systems



Cooling towers



Swimming pools



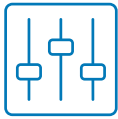
Wastewater



Food & beverage



Features & benefits



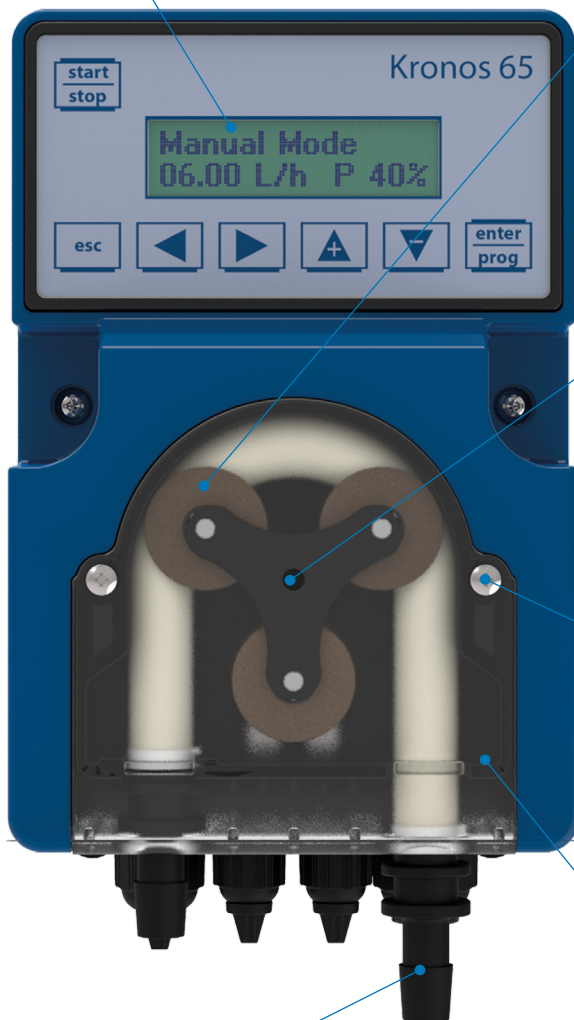
Intuitive menu and special functions

Access tube life data to facilitate maintenance planning



Three-roller system

Limits tube stretching, while reverse rotation feature empties tubes between doses for reduced degradation



Stepper motor*

Unprecedented dosing precision down to 0.01% of maximum flow



Simplified maintenance

Designed to ensure main connections remain fixed during servicing



Advanced motor control

Eliminates vibration and friction for quiet running and extended lifespan



Chemical compatibility

Kronos accepts a wide range of peristaltic tubing to ensure exceptional chemical compatibility in every application

*Available on selected models

Kronos 65

The peristaltic Kronos pump with a higher flow rate

Among the Kronos pumps, Kronos 65 offers the highest flow rate, up to 25 l/h at low pressures.

- Flow rate: 25 l/h - 0.1 bar
- Tube: Santoprene



Features

- Direct driven stepper motor
- Santoprene peristaltic tube
- PTFE rollers mounted on ball bearings
- Intuitive digital interface: 7 keys and a 2 x 16 LCD display
- **FM:** Proportional dosing with 4 - 20 mA/pulse input
- Wall-mounting bracket
- Kronos 65 is available in the FM model, which features proportional dosage and accepts an analogue 4 - 20 mA signal or a digital frequency signal such as that generated by a pulse-emitting water meter. The pump then doses at a flow rate proportional to this signal, according to the programmed ratio.
- The user can also configure the pump in constant mode and, in this case, the pump will dose at the programmed flow rate in the presence of an external activation trigger.
- The pump is equipped with a powerful stepper motor and is provided with a 65 mm peristaltic head.
- The integrated "Tube Break Alarm" mechanism identifies chemical leakage inside the peristaltic head and blocks dosage.
- The durable ABS case with IP65 protection allows the pump to be used even in applications where it may be subject to water splashes or dust.

Kronos 65 key code

Range							
KS Kronos 65 Series - Peristaltic dosing pump							
Type							
FM Proportional dosing by external pulse or 4 – 20 mA signal							
Pressure [bar]							
00 0.1							
Flow rate [l/h]							
25 25 l/h							
Power supply							
M 100 - 240 Vac – Wide Range							
Tubes							
1 Santoprene							
Communication							
0 No communication							
Optional							
00 Standard							
KS	FM	00	25	M	1	0	00

FM model

Proportional dosing: The pump accepts an analogic 4 - 20 mA signal, or a digital frequency signal, and doses at a flow rate proportional to this signal according to the programmed ratio. A pulse-emitting water meter can be connected directly to the digital signal input and, in this case, the pump will dose at a flow rate proportional to that of the water in the pipeline.

Kronos 50

Peristaltic dosing pumps for water and industrial applications

Kronos 50 is equipped with a stepper motor that provides infinitely adjustable (0.01 - 100%) and silent dosing. Advanced technology and materials mean the various models can reach flow rates of up to 15 l/h (at 0.1 bar) and can dose at backpressures up to 4 bar with a special HP-San tube.

- Flow rate: up to 15 l/h
- Backpressure: up to 4 bar
- Tube: Santoprene - SekoExtra - SekoMed - SekoFort - HP-San



Applications

- Potable water treatment (injection of coagulants, flocculating agents, sodium hypochlorite, lime slurry, acid, bases, caustic soda and activated carbon)
 - Domestic or industrial wastewater treatment and cooling water
 - Chemical treatment, electrolytic (electroplating) treatments: addition of degreasing agents, cleaning agents, nickel electroplating and chemical nickel plating, copper plating and tinning
- The digital programming of 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 statistics on the life of the tube and the operating life of the pump.

Kronos 50 key code

Model									
KR		Kronos 50 Series - Peristaltic dosing pump							
KK		Kronos 50 Series Special Version - Peristaltic dosing pump							
	Type								
	HX		pH or Redox						
	EC		With conductivity meter built in for cooling tower						
	FM		Proportional dosing by external pulse or 4 – 20 mA signal						
	FF		Proportional dosing by external 0 - 10 Vdc, external pulse or 4 - 20 mA signal						
	Pressure [bar]								
	00		0.1						
	02		2						
	03		3						
	04		4						
	Flow rate [l/h]								
	02		2						
	04		4						
	10		10						
	15		15						
	Power supply								
	M		100 - 240 Vac						
	Tubes								
	1		Santoprene						
	5		SekoExtra						
	6		Sekomed						
	8		Sekofort						
	S		HP-San						
	Communication								
	0		No communication						
	Optional								
	00		Standard						
KR	HX	1H	07	M	1	0	00		

HX model

With pH/ORP controller meter built in, galvanically insulated

One basic function: dosing of the chemical up to the programmed setpoint for pH or redox.

EC model

With conductivity meter built in for cooling towers

Three basic functions:

- Dosing of anti-scaling proportional to an external pulse signal (water flow rate).
- Opening of drain valve for blow-down function when conductivity reaches a programmed setpoint.
- Disabling of the blow-down function for a programmable time, after chemical dosing.

FM model

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

FF model

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

Kronos 20

Peristaltic dosing pumps for water and industrial applications

Kronos 20 is a higher-level professional pump suitable for use in medium-duty applications, operating a single function - proportional chemical dosing. Reading either pH or ORP, the pump features fully galvanic electrical insulation.

- Flow rate: 7 l/h - 1.5 bar
- Tube: Santoprene



Applications

Kronos 20 series meets the needs of water and industry applications.

Kronos 20 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 20 is easy to install, with a structure that facilitates maintenance and reduces the cost and complexity of electronic circuitry by eliminating the need to remove connections that have already been made.
- All parts of the mechanism have permanent lubrication, using ball bearings for the principal moving components that helps prevent overheating and extends the pump life with the added benefit of low-decibel operation.

Kronos 20 key code

Model							
KT	Kronos 20 Series - Peristaltic dosing pump						
	Type						
	HX	pH or Redox					
	1H	Pressure [bar]					
		1.5					
	07	Flow rate [l/h]					
		7					
	M	Power supply					
		100 - 240 Vac					
	1	Tubes					
		Santoprene					
0	Communication						
	No communication						
00	Optional						
	standard						
KR	HX	1H	07	M	1	0	00

HX model

With pH/ORP controller meter built in, galvanically insulated

One basic function: dosing of the chemical up to programmed setpoint for pH or redox.

Globally Present, Locally Active



Twenty-three 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 products are intended for professional use in industrial applications only and are not available for domestic or retail sale. 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.

© 2025 SEKO, Layout and origin: UK, 850003 WTCATA-PER EN V03



seko.com