

# Kronos 10/20

ANALOGIC & DIGITAL  
PERISTALTIC DOSING SYSTEMS



# Kronos 10

## ANALOGIC & DIGITAL PERISTALTIC DOSING SYSTEMS

**Kronos 10** Analogic or Digital pump are new boxed reliable and professional pumps ideal for use in medium level environments, with a brand new technical enclosure and different functions that make it suitable to various applications.

### Features

- Protection degree : IP 55
- Interface : Analogic or Digital with 4 digits 7 segments display
- Wheels holder mounted on ball bearing, for a longer life of the pump
- New motors with extended life time
- Snap in transparent cover
- Three rollers, for a more constant dosing and an extended lifetime

### Technical Features

<b>FLOW RATES</b>	<b>ANALOGIC</b>	0,16 ÷ 9 l/h
	<b>DIGITAL</b>	0,16 ÷ 10 l/h
<b>CONDUCTIVITY</b>	200 µS ÷ 15 mS with conductive probe	
<b>BACK PRESSURE</b>	0,1 bar ÷ 3 bar	
<b>MATERIALS</b>	<b>ENCLOSURE</b>	PP with fiber glass
	<b>PUMP HEAD</b>	PP
	<b>TUBES</b>	Santoprene - Sekobril Others upon Request
<b>DOSING</b>	Adjustable by software in the range 16÷100% Adjustable in the range 1÷16% with ON-OFF mode	
<b>POWER SUPPLY</b>	100÷240 Vac - 50/60 Hz - 5 W	

#### KXPR

Analogic version with **adjustable speed**

#### KXPA

Analogic version with **Conductivity control input**

#### KXDR

Digital version with **constant Detergent pump**

#### KXDR

Digital version with **constant Rinse pump**

#### KXCR

Digital version with **Conductivity control input**



# Kronos20

## DIGITAL PERISTALTIC DOSING SYSTEMS

**Kronos20** Digital pump is a higher level professional pump suitable for use in harsh environments, with some interesting functions that make it the best solution for many applications.

Is a completely new range of Digital Pumps that will include, at the moment, three new models:

- One DETERGENT Constant Pump with adjustable speed
- One RINSE AID Constant Pump with adjustable speed
- One PUMP with dosage depending on conductivity reading

## Features

- IP 65 Protection degree
- Digital interface with **2x8 characters LCD display with backlight**
- Easy three button interface
- Built-in **tube break alarm sensor**
- Level control input
- Option to use **motors with encoder** for more accurate speed control
- **ModBus communication** port optional
- Wheels holder mounted on ball bearing, for a longer life of the pump
- Motor overcurrent protection
- Snap in transparent cover

## Technical Features

<b>FLOW RATES</b>	0,16 ÷ 10 l/h	
<b>CONDUCTIVITY</b>	200 µS ÷ 15 mS with conductive probe	
<b>BACK PRESSURE</b>	0,1 bar ÷ 3 bar	
<b>MATERIALS</b>	<b>ENCLOSURE</b>	PP with fiber glass
	<b>PUMP HEAD</b>	PP
	<b>TUBES</b>	Santoprene - Sekomed - Sekoextra Others upon Request
<b>DOSING</b>	Adjustable by software in the range 16÷100% Adjustable in the range 1÷16% with ON-OFF mode Adjustable in the range 1÷100% continuously if motor with encoder is adopted	
<b>POWER SUPPLY</b>	100÷240 Vac - 50/60 Hz - 5 W	

### KTDR

Constant **Detergent Pump**

### KTSR

Constant **Rinse Pump**

### KTCR

**Conductivity** Control Input

### ModBus Communication Port

The ModBus communication port available on the **Kronos20** gives the possibility to use these pumps as "slave" pumps, for example in a distributed warewash system.

Using a master "brain", like a programming console that can be placed even far away from the dishwashing machines, we can create a distributed system that, in the very next future, will be controlled even via internet.



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**seko** is an International Group, developing, manufacturing and delivering its products in more than 50 countries, through its subsidiaries and an extended network of distributors, agents and authorized dealers.

**seko** is a leading manufacturer of dosing pumps and dosing systems with more than 40 years experience. This long activity allowed **seko** to acquire a vast experience in diversified applications and to confirm its international success in many industrial fields through the supply of reliable solutions for the dosing, injection and transfer of liquids.



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