

# dynamik

digital multifunction peristaltic dosing pumps



TRANSAXLE  
TECHNOLOGY  
inside  
by  
seko



# seko

innovation > technology > future

# The Innovation for your dosing needs



## Microprocessor technology

The entire line uses microprocessor technology for precise and reliable control over time



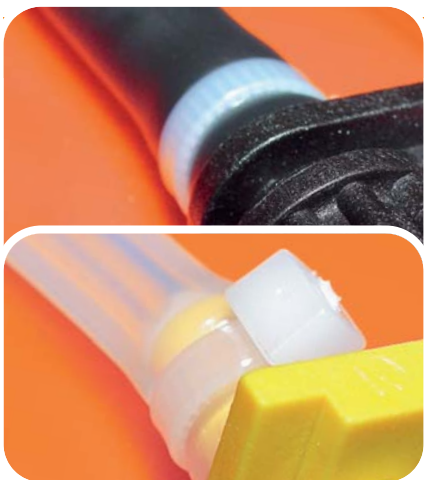
## Easy and intuitive display

Luminous display for visualizing parameters consists of 4 digits, the first green and the others red. The green digit indicates the menu page and the 3 red digits indicate the value of the parameter being programmed



## Transaxle Technology

Provides support and stability to the driveshaft, making the roller pressure on the squeeze tubes more uniform. This results in a longer lifetime of the motor and the squeeze tubes



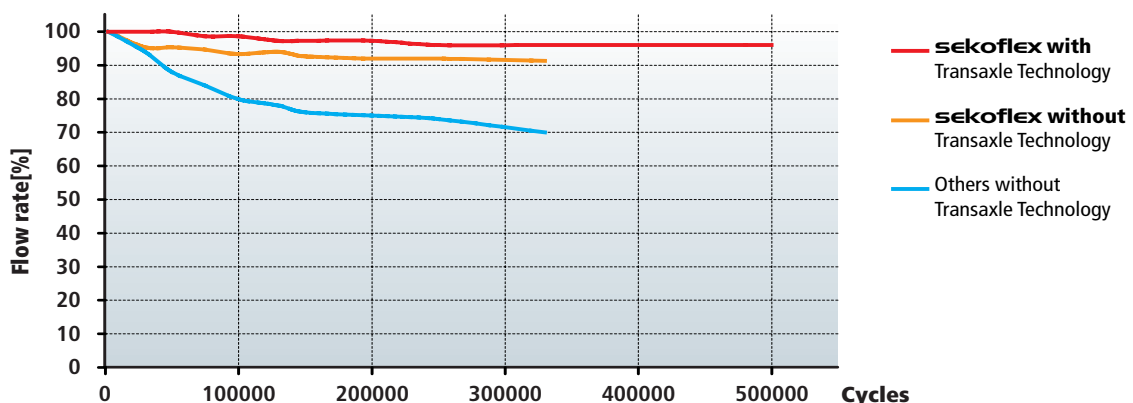
## sekoflex and sekobril squeeze tubes

### Innovative material

- Guarantee high compatibility with chemical products
- Keep the pump's flow rate constant even after many hours of operation

### New construction technology

- **sekoflex** and **sekobril** squeeze tubes are made to ensure a constant ratio between the internal and external diameter along the entire length of the squeeze tube
- The squeeze tubes are made using modern allow technologies that permit correct fiber positioning, to guarantee that the squeeze tubes are very reliable, mechanically and chemically resistant





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digital multifunction peristaltic dosing pumps

Precise programming of speed, time or conductivity value thanks to **microprocessor technology**

Improved lifetime of squeeze tube and motor thanks to the **Transaxle Technology** and to **new technology** of squeeze tubes



*rugged,  
precise and long life*

# Product versions



## Easy to install

Thanks to convenient wall fixing brackets



## Squeeze tube replacement

does not require pump starting, special tools or qualified personnel



## Detergent

### DR

**Peristaltic pump with digital timing and dosing speed adjustment**

Designed to be used on all single-tank dishwashers with one or two solenoid valves

#### **Volumetric/Timed dosing mode:**

Pumps dosing starts at set speed when a signal is detected and stops when the set dosing time finishes

#### **Power supply**

from 90 to 265 Vac 50-60 Hz  
24 Vac 50-60 Hz upon request

#### **Power consumption**

3.5 W

#### **Dosing time**

from 0 to 999 s

#### **Variable speed**

from 10 to 100% V max

### CR

**Fixed speed peristaltic pump with digital dosing adjustment by conductivity probe**

Designed to be used on all single-tank or tunnel dishwashers

Programming allows the setting of conductivity that corresponds to the desired concentration of detergent. The pump can also detect a lack of water.

#### **Power supply**

from 90 to 265 Vac 50-60 Hz  
24 Vac 50-60 Hz upon request

#### **Power consumption**

3.5 W

### SR

**Peristaltic pump with digital timing and dosing speed adjustment**

Designed to be used on all single-tank or tunnel dishwashers with one or two solenoid valves

#### **Volumetric/Timed dosing mode:**

Pumps dosing starts at set speed when a signal is detected and stops when the set dosing time finishes

#### **Power supply**

from 90 to 265 Vac 50-60 Hz  
24 Vac 50-60 Hz upon request

#### **Power consumption**

3.5 W

#### **Dosing time**

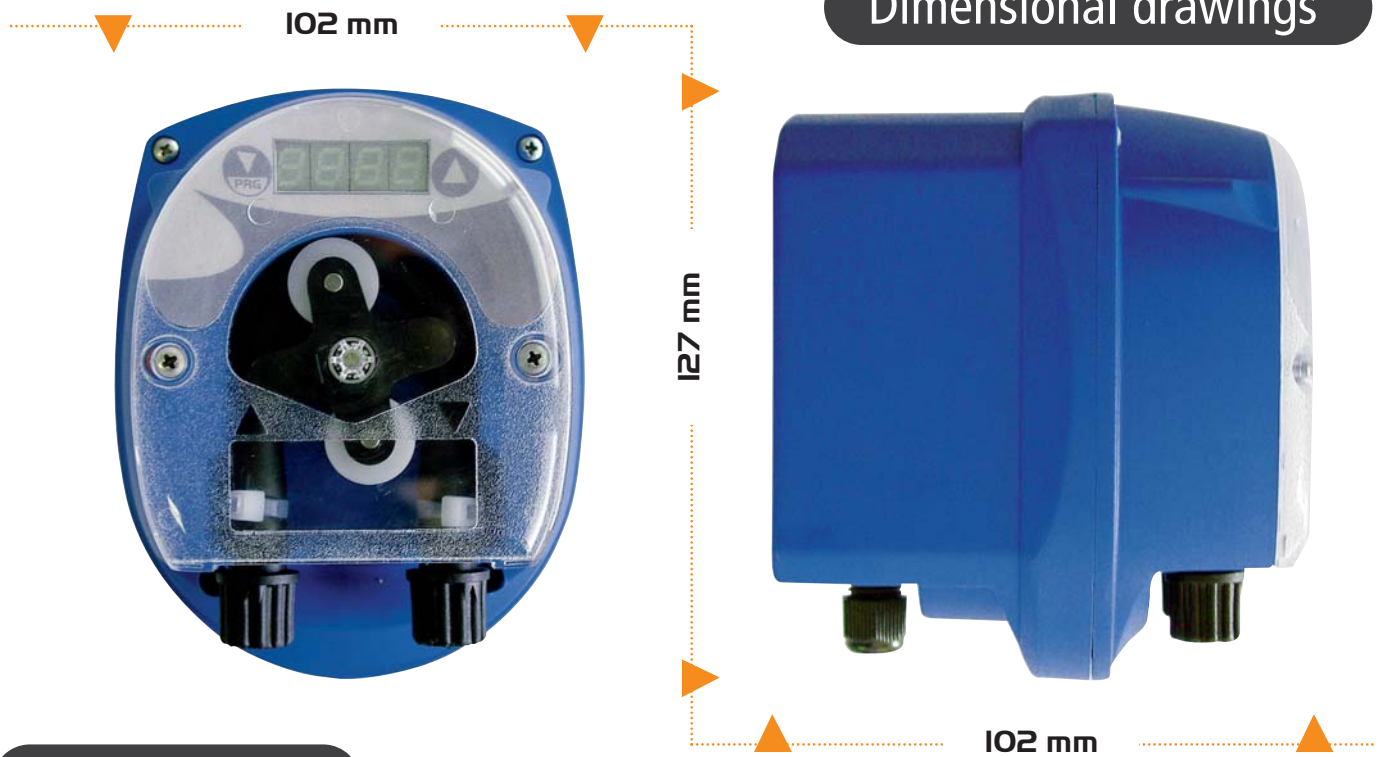
from 0 to 999 s

#### **Variable speed**

from 10 to 100% V max

# Technical features

## Dimensional drawings



## Main features

Power Supply	from 90 to 265 Vac 50-60 Hz (24 Vac 50-60 Hz upon request) 230 Vac 50-60 Hz (24 Vac 50-60 Hz upon request) only for NPE and NPE 0.4						
Chemicals	Detergent				Rinse Aid		
Squeeze tubes	sekoflex 6x10				sekobril 3x8		
CC/round	2,7				0,6		
<b>dynamik</b> (digital version) Flow Rates	<b>DR</b>		<b>CR</b>		<b>SR</b>		
	0.7...7 lt/h 1...10 lt/h		7 lt/h 10 lt/h		0.1...1lt/h		
<b>dynamik</b> (analog version) Flow Rates	<b>NPE</b>	<b>NPR</b>	<b>NPA</b>	<b>NRT</b>	<b>NPE 0.4</b>	<b>NPR I</b>	<b>NPM</b>
	1.5 lt/h 3 lt/h	0.6...4 lt/h 1.2...7 lt/h	6 lt/h 9 lt/h	6 lt/h 9 lt/h	0.4 lt/h	0.2...1 lt/h	0.4 lt/h 1.5 lt/h
Max working pressure	0.1 bar				3 bar		
Weight	1 Kg						
Inlet-Outlet connection	4 mm x 6 mm						

### IP 65 enclosure

Made of PP reinforced with glass fiber so that it is extremely water and dust proof.

Seko's standard construction technology continues to provide products with high resistance to impacts and the chemical agents.

### Electrical class 2

Making a ground cable connection unnecessary.

No external metal parts come into contact with the operator.

### Materials

The entire range is made using fire-retardant materials and RoHS technology.

This allows to avoid **lead or other heavy materials in contact with operator.**

### Wide range of options

All pumps can be supplied with the possibility of connecting a level probe, acoustic alarm and priming by means of a switch





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