



# Solutions for **Cleaning & Hygiene**



# Contents

03 Cleaning & Hygiene Introduction

06 IoT for Cleaning & Hygiene

08 Warewash & Kitchen Hygiene

- P Series
- TwinDose Range
- Createwash Dosing System
- WareOne Range
- WareDose 20 - 50 Range
- WarePanel 50
- Kronos 10 - 50 Range
- Timed Drain Dosing
- Drain Mini
- Drain Plus
- TM Digital
- DrainOne
- DrainDose
- Warewashing Accessories
- SekureLoop
- Timed Dosing

38 Laundry

- WashBasic L, LL & LLL
- Smart Plus P
- Smart Plus H
- Smart Accessories
- Wash Series
- WashDose Peri
- WashMulti Solenoid
- WashMulti Peri
- WashMulti Air
- WashMulti Top
- WashDose Tunnel
- Wash Series - A Flexibility System
- Laundry Accessories

56 Surface Cleaning

- ProMax
- ProDose-R
- ProSink-R
- SekureMax
- SekureDose
- ProSink-R
- ProFaucet
- ProTwin
- ProWash
- ProKlyn
- JetNeat
- ProSpray
- ProTwin Foam Kit
- ProFoam
- ProFoam-R
- ProMulticlean
- Foam Cannon
- ProKart
- Pro Reel Premium, Premium Evo & Industry
- ProPulv
- ProNet
- ProDual
- ProAcid
- Spray Cannon
- ProFill Premium
- ProFill
- ProFill Tower
- ProFill Eko Tower

90 Additional Information





# Globally Present, Locally Active

## A Worldwide Group at your service

Our Global presence ensures that we can support our Customers wherever they are. Supported by teams in over 20 countries, as well as by our accredited Partner Distributor network, we ensure professional, local customer support in over 120 countries, with the added benefit of rapid delivery of goods to meet your needs.

All this backed up and supported by a world-class team of Technical Customer Service, able to provide all the back up or technical support needed. With ISO certificated production sites in Europe, the Americas and Asia, we are close to our customers and fully compliant with all local norms both in terms of our product designs as much as our production facilities.

# How SEKO Works for You

From the spark of an idea, through to the delivery of a solution, SEKO is with you all the way

SEKO supports its customers in every phase of a project, from the inception of an idea or request, through design and testing to launch and installation. Our in-house research, design and development teams work closely with the local teams, drawing on customer and market inputs. Then using state-of-the-art technologies to optimize costs and using our own specifically designed test benches to ensure rigorous, robust testing, we ensure a quality solution is delivered quickly to market.

No matter which processes and applications are planned SEKO has a solution in the cleaning and hygiene of kitchens and laundries and surfaces of all types in applications like **Offices and Restaurants, Hospitals and Hotels, Retailers and Schools, Car Washes and Swimming Pools, Cooling Towers, Energy, Food and Beverage, Water and Gas Utilities Potable and Wastewater Treatment.**

## Partnership philosophy

Being a privately-owned business means that we are here for the long term and can plan projects with and for our Customers, where both parties benefit. It means we can rapidly take decisions to invest our resources to ensure our optimum solutions are delivered.

## Your Business, Our Solutions

Our extensive product range represents a unique combination of design, development and implementation know how. With a wide and ever evolving range of products and ancillaries, we can offer specific and comprehensive solutions for a variety of industrial applications. Our solutions are conceived to fit seamlessly into your operation, optimizing the processes and applications.

## Uniquely positioned

SEKO's three business units, Cleaning & Hygiene, Water & Industry and Industrial Processes, put us in a unique position to be able to respond to the widest range of business needs, with a broad range that allows you the Customer to deal with just one company, simple.





# Cleaning & Hygiene

## An ever-evolving set of solutions for your environment

SEKO has always supported businesses facing the commercial challenges that arise from having to ensure the cleanest most hygienic premises, whilst driving costs down and minimizing environmental impact. Today, it has built a worldwide reputation as a leader in the world of Cleaning and Hygiene dosing and dilution solutions. Exploiting our market experience, we design, develop, test and manufacture designs that ensure all our solutions and systems deliver:

### Precision and Consistency

Maximizing cost control for chemical dosing or ensuring the right dilution rate is used requires advanced technology that is impervious to fluctuations in water pressure, to guarantee an effective result, in turn providing the security for a given business brand.

### Safety and Reliability

The safety of customers and operators is paramount, requiring the very best in terms of design and features. SEKO's range provides this security. From the locking mechanisms of our SekureDose range through to the IP65 and Nexa 4 enclosures of our warewash systems, safety is at the forefront of our design ethos. Reliability drives good safety, and all SEKO's products are fully tested prior to leaving our warehouse.

### Ease of Use and Installation

As a global company, we are attuned to the differing needs of individual markets. This is why, when we design a new product, we ensure that installation is simple with uniform programming language solutions that are intuitive and easy to understand, in whatever language you speak.

### Operational Efficiency

Running a business is about making money. To help our customers do this, SEKO plays its part. From the affordability of the range of solutions, through to thoughtful design elements like the semi flat pack design of Sekure cabinets and transaxle technology that improves the lifetime of motors and tubes we aim to reduce your operating costs.

# SEKO Connectivity Platform

## How the Internet of Things (IoT) works

An IoT ecosystem consists of web-enabled smart devices that use embedded processors, sensors and communication hardware to collect, send and act on data they acquire from their environments.

IoT devices share the sensor data they collect by connecting to an IoT gateway or other edge device, where data is either sent to the cloud to be analyzed fully (with analysis and comparison possible), or locally (limited to the data acquired).

Sometimes, these devices communicate with other related devices and act on the information they get from one another. The devices do most of the work without human intervention, although people can interact with the devices, for instance, to set them up, give them instructions or access the data.

IoT offers a number of benefits to organizations, enabling them 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



# SekoWeb & Data on Demand

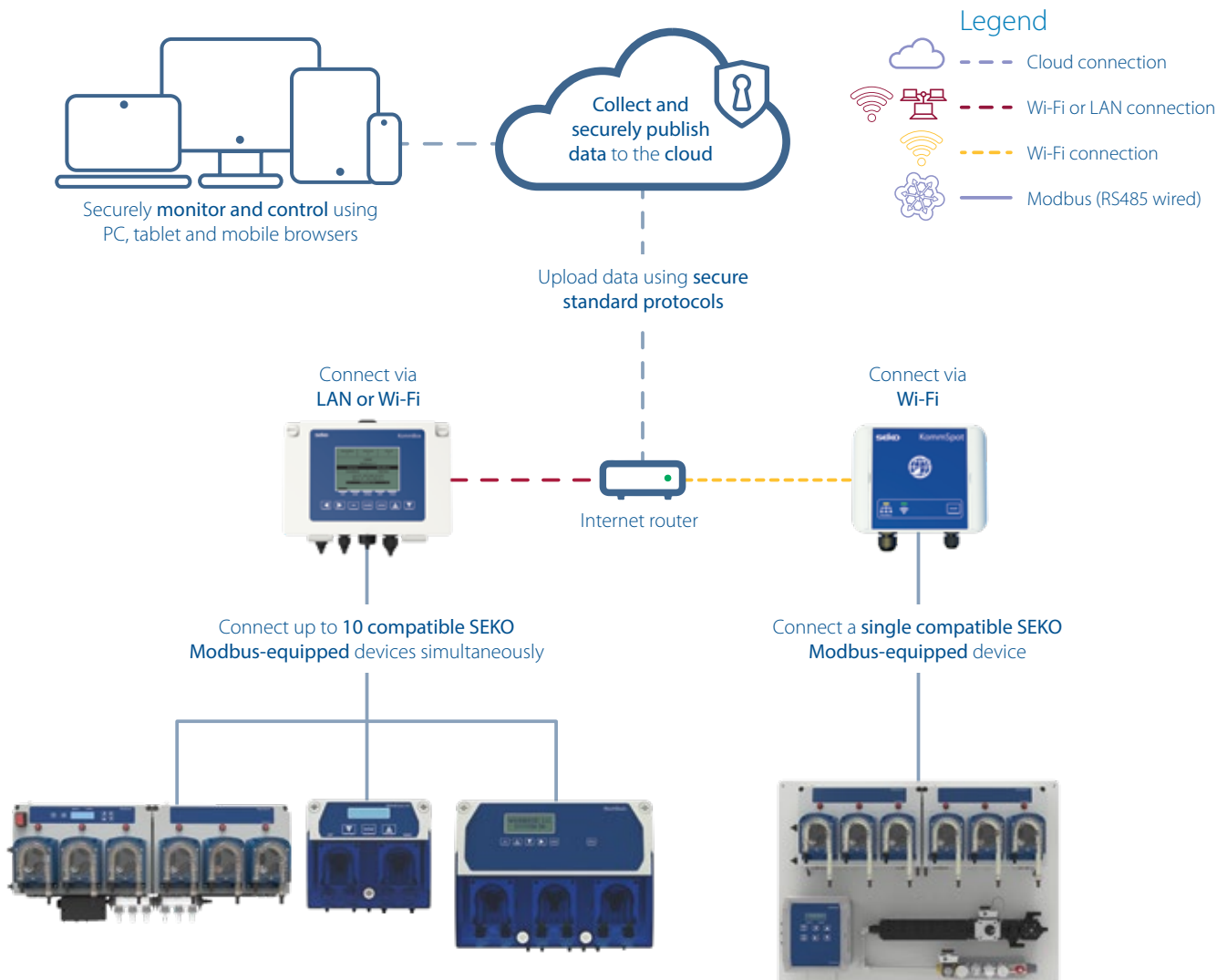
In today's connected world, customers expect to manage their equipment from a PC, laptop or smart device, using the Internet of Things to access operational information at their convenience. Whether viewing data in real time or analyzing it historically, remote connectivity allows costs to be optimized through targeted maintenance or problem solving, ensuring downtime is kept to a minimum.

Always at the forefront of technological innovation, SEKO has brought IoT to its class-leading controllers and dosing systems\*, connecting plant operators to their equipment like never before. Via the bespoke SekoWeb platform, users enjoy unparalleled access to live data and can make vital adjustments to their water-treatment operation 24 hours a day from any location worldwide.

Along with significant efficiency improvements, operators benefit from 24/7 awareness of system status for all their equipment across multiple installations, providing complete peace of mind. Fully scalable, SEKO's systems are set up to allow users from the largest global multi-national to the independent engineering company to maximize their operations and running costs with a solution that ensures data is always available on demand, regardless of the application.

Features include:

- Overall operating costs
- Programmes
- Alarm reporting
- Map geolocation
- Chemical usage
- Parameters set
- Data analysis





# Introducing SekoWeb

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

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



## seko web



### Connectivity and users



- Monitoring and complete management
- Internet portal accessible via online login or by scanning a product's QR code
- Available as an app for Android and iOS
- For plant installers, technicians and engineers

### Main features



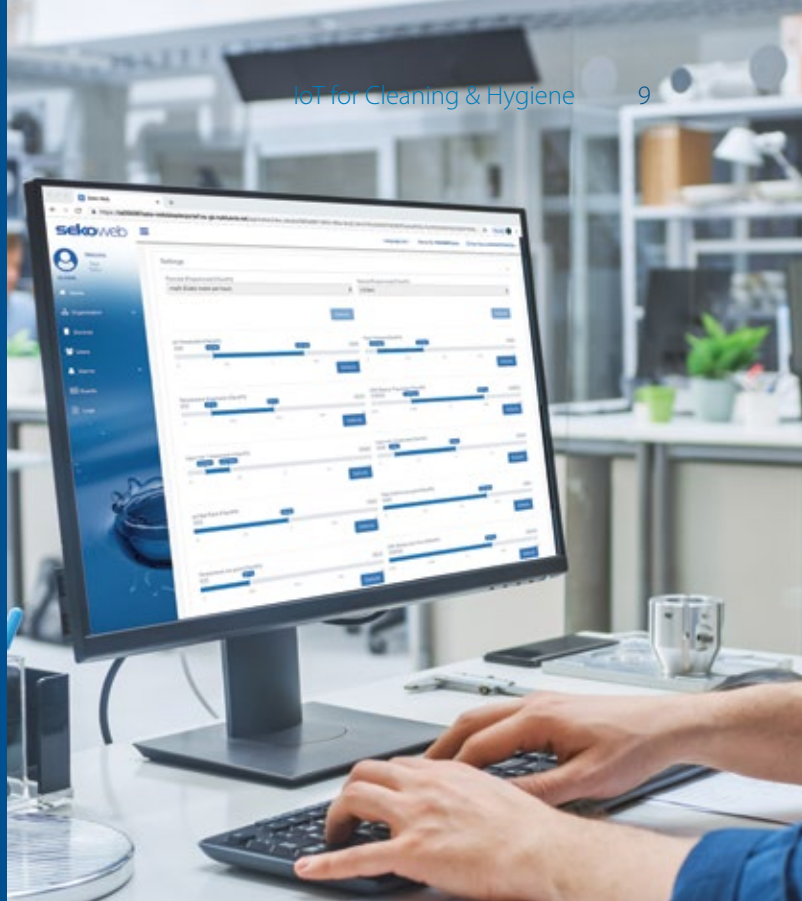
- Full access to all settings and parameters from any location
- Connect to multiple installations
- Monitor overall operating costs
- Track chemical consumption
- Adjust programmes
- Access alarm reporting
- Unrestricted data analysis
- Map geolocation





## Professional dosing pump management

By scanning a product's QR code or using their online login, dosing plant technicians can access SekoWeb, where they are able to set up and adjust water-quality parameters remotely for complete management of all their installations.

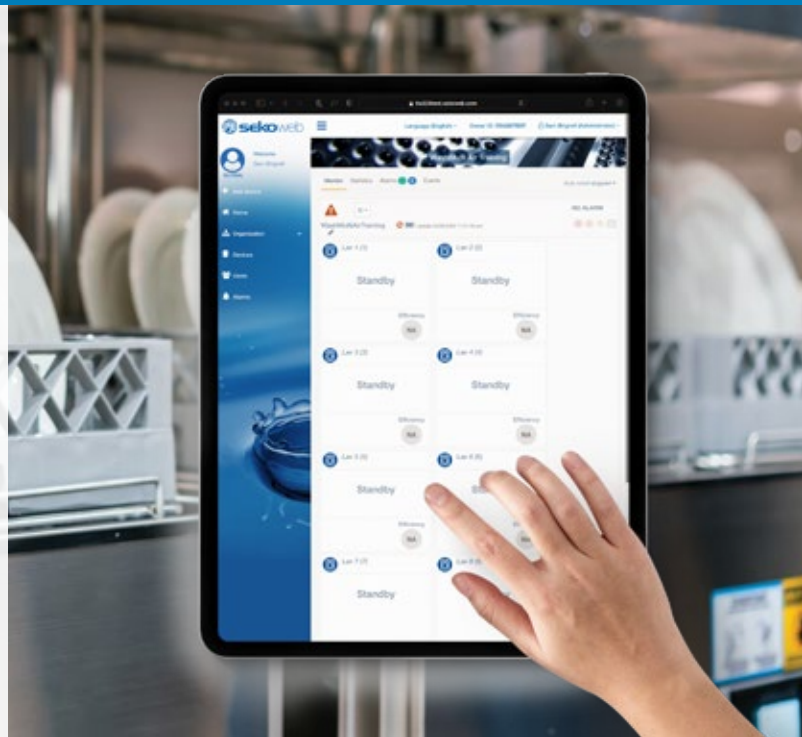


SekoWeb has been created with engineers in mind: as well as being very powerful, it requires expert technical knowledge to be used. Password protection ensures only authorized users can access the portal.

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

## Features

- Full access to parameter settings
- Adjust programmes 24/7
- Access alarm reporting
- Monitor chemical consumption
- Complete data analysis
- Map geolocation










# Warewash & Kitchen Hygiene


## Dosing Pumps








# Product Overview

	P Series	TwinDose 10	TwinDose 20	TwinDose 30	Cratewash Dosing
					
Power supply	2.5 - 110	2.5 - 110	3 - 5	0.4 - 110	3 - 5
Power consumption	20	20	10	20	10
Flow rate	•	•	•		
Pressure				•	•

	WareOne	WareDose 20	WareDose 30	WareDose 35	WareDose 50
					
Power supply	2.5 - 110	2.5 - 110	3 - 5	0.4 - 110	3 - 5
Power consumption	20	20	10	20	10
Flow rate	•	•	•		
Pressure				•	•

	Kronos 10	Kronos 20	Kronos 50
			
Power supply	2.5 - 110	2.5 - 110	3 - 5
Power consumption	20	20	10
Flow rate	•	•	•
Pressure			

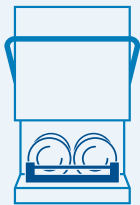
	Drain Mini	Drain Plus	TM Digital	DrainOne	DrainDose
					
Power supply	2.5 - 110	2.5 - 110	3 - 5		
Power consumption	20	20	10		
Flow rate	•	•	•		
Pressure					

# Kitchen Applications



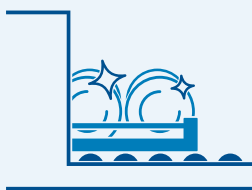
## Glasswashers

A glasswasher is a commercial warewash machine built to quickly and efficiently wash and rinse large quantities of glassware. They are invaluable for businesses processing high volumes of drinks orders such as pubs, sports bars and clubs. Most glasswashers wash and rinse a rack full of glasses in less than two minutes.



## Hood Type or Pass Through Warewashers

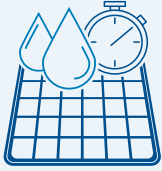
Hood type or pass through warewash machines are smaller versions of conveyor washers that are designed to connect to clean dish tables or dirty dish tables. A commercial warewash machine can typically process between 30 - 350 racks every day, making them great for localized operations like smaller restaurants. A compatible rack is loaded full of dishes, pushed inside the machine and after closing the door the cleaning cycle is triggered. Dishware is commonly cleaned within a few minutes. Within a few minutes, you can push the door back up and your dishware is cleaned. Hood type machines wash typically at 65°C – 70°C and rinse it at 80°C, sanitizing through the sheer heat of the water. However, dishes coming out of a high-temperature ware washer often dry faster and don't use sanitizers. Low-temperature models are also available with smaller footprints but requiring a third sanitizing chemical.



## Conveyor or Flight Warewash Machines

Conveyor or flight warewash machines are large, powerful machines able to process between 350 - 1,000 racks every day. These commercial warewash machines are made of stainless steel and designed for heavy use in cafeterias, hospitals and other high-volume operations. Many come with microprocessors and easy controls to set washing conditions and are made in both high-temperature and low-temperature models. But because they're so powerful, conveyor commercial warewashers require a trained electrician to hard-wire them.





## Timed Dosing Drain Control

Biological dosing systems can continuously protect your kitchen drain lines from the build up of fats, oils and grease. A measured and timed dose of a multi-strain biological fluid automatically introduced into the wastewater pipe close to pot wash sinks and warewashers creates a living grease digestion culture within drain lines, continuously providing protection from the build up of fats, oils and grease, associated odour and potential pest infestation. These should always be considered as part of a grease management system and not as a stand-alone solution.



## Manual Washing

Manual washing provides flexible cleaning methods across multiple types of equipment and surfaces with little risk of cross contamination caused by aerosols or overspray. However the control and cleaning of cleaning tools is vital to ensure low levels of cross contamination from micro-organisms or pathogens. Any manual washing process requires the right balance between four key factors in any wash process: Chemistry, Time, Heat and Physical Energy – known as the Sinner's Circle. To ensure that the chemistry element is correctly diluted, SEKO has developed a range of systems for use with manual washing, be it for sinks or bucket-and-cloth applications.



## Surface Cleaning

Surface cleaning can be carried out as a wet or dry process depending on factors including the potential soils present, the product, the process and the type of equipment. As with manual cleaning, the accurate dilution of any diluted cleaning agent or disinfectant is crucial to effective cleaning. To achieve the required hygiene result it is vital that the surface to be disinfected is free of food soil or chemical residues that can prevent the disinfectant from working effectively. SEKO spray and foam systems as well as our dilution and dosing systems help ensure the most effective cleaning process.

# Peristaltic Dosing Pumps



## SEKO's essential peristaltic range

SEKO's peristaltic range offers reliable robust and affordable dosing solutions for glasswash machines, hood type and conveyor warewash machines amongst others with simple installation and connection courtesy of a wall-mounting bracket and circuit board-mounted plugs.

Safety and reliability is assured thanks to class 2 electrical insulation and polypropylene fiberglass reinforced enclosures, to meet IP65 classification.

Ease of use and low operating costs are guaranteed thanks to intuitive trimmer settings, allowing fast and simple configuration and minimal maintenance schedules.



### Safe and Reliable

- Polypropylene enclosure extremely shockproof and resistant to chemical aggression
- IP65 protection degree and class 2 electrical insulation (no ground connection required)
- Extra-strong long-life Santoprene and SekoBril squeeze tubing, always equipped with inlet-outlet fittings for fast and safe connections

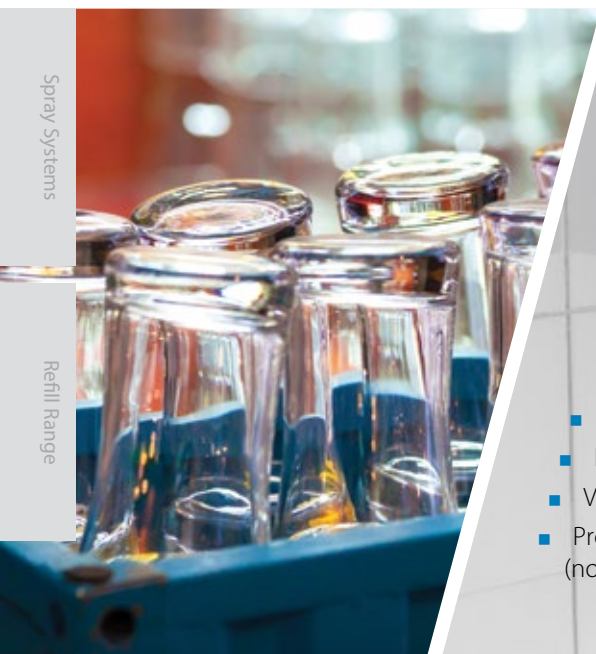
### User friendly

- Trimmer settings allow for simple and fast parameters configuration
- Covers for protecting settings to avoid undesired tampering

## Easy installation Minimal maintenance



- Easy wall mounting and removal thanks to the fixing brackets
- Easy tubing replacements, with no need to start the pump
- Very small footprint
- Provided with plugged cables for a quick electrical connection (no need to open the pump)



## PA Peristaltic Pump

Fixed speed peristaltic pump with analogue dosing adjustment by conductivity probe

Power supply	100 - 240 Vac, 50 - 60 Hz
Power consumption	5 W
Flow rate	6 l/h - 9 l/h

### Specification

- Fixed speed peristaltic pump with analogue adjustment of conductivity setpoint
- Equipped with a conductivity probe to enable dosing
- Doses detergent liquids via Santoprene squeeze tube

## PRT Peristaltic Pump

Fixed speed peristaltic pump with analogue adjustment of dosing time with two different timers

Power supply	100 - 240 Vac, 50 - 60 Hz
Power consumption	5 W
Flow rate	6 l/h - 9 l/h

### Specification

- Fixed speed peristaltic pump with an analogue dosing time adjustment conceived to dose detergent
- Powered via single or double solenoid valves
- Two setting trimmers enable detergent initial charge (18 - 180 secs) and re-charge (2 - 15 secs)

## PR Peristaltic Pump

Peristaltic pump with analogue speed adjustment

Power supply	230 Vac, 50 - 60 Hz
Power consumption	3.5 W
Flow rate	4 l/h - 7 l/h - 18 l/h
Rinse aid flow rate	1 l/h
Rinse aid back pressure	up to 3 bar

### Specification

- Versatile peristaltic pump with analogue dosing speed adjustment
- For use with a detergent, with Santoprene tubing
- For dosing with rinse aid, using SekoBril tubing for high chemical compatibility

## PM Peristaltic Pump

Fixed speed peristaltic pump with analogue adjustment of dosing time used mainly for rinse aid dosing

Power supply	230 Vac, 50 - 60 Hz or 100 - 240 Vac, 50 - 60 Hz
Power consumption	5 W
Rinse aid flow rate	0.4 - 0.7 l/h
Detergent flow rate	10 l/h
Rinse aid back pressure	up to 3 bar

### Specification

- Fixed speed peristaltic pump with analogue adjustment of dosing time
- Trimmer-enabled dosing time
- Available as a low-flow variant

## PTS Peristaltic Pump

A unique model with analogue adjustment of both time and speed, can be used for both detergent or rinse aid dosing by simply changing the tube

Power supply	100 - 240 Vac, 50 - 60 Hz
Power consumption	5 W
Rinse aid flow rate	1 l/h
Detergent flow rate	4 l/h
Rinse aid back pressure	up to 3 bar

### Specification

- Analogue adjustment of Speed via right trimmer
- Time adjustment 1 - 30 sec via left trimmer (if set at 0 the pump runs continuously)



# TwinDose Series



## Automatic warewash dosing

The TwinDose Series offers compact systems for combined automatic dosage of detergent and rinse aid. Expressly designed for professional undercounter, hood type or conveyor warewashers, TwinDose systems guarantee an easy and quick installation and intuitive programming.

Transaxle technology helps improve the system efficiency, giving more stability to the drive shaft and improving roller pressure on the tube.

## TwinDose 10



## Features

Compact device for automatic detergent and rinse aid dosing

Suitable for single solenoid valve professional dishwashers

Easy set-up of pump speed via potentiometers

LED signalling of system operation and alarms

## TwinDose 10 specification

**Power supply** 24 - 115 - 230 Vac, 50 - 60 Hz  
selectable via jumpers

### Detergent Pump

**Flow rate** 0.6 - 4 l/h ; **Pressure** 0.1 bar

### Rinse Aid Pump

**Flow rate** 0.2 - 1 l/h ; **Pressure** 3 bar

## TwinDose 20



## Features

Compact device for automatic detergent and rinse aid dosing in hood type or conveyor dishwashers

Suitable for single or double solenoid valve professional dishwashers

Easy set-up of pump speed/time via potentiometers and dip switches

LED signalling of system operation and alarms

Separate management of first charge time through dedicated potentiometer

## TwinDose 20 specification

**Power supply** 24 - 115 - 230 Vac, 50 - 60 Hz  
selectable via jumpers

### Detergent Pump

**Flow rate** 1 - 6 l/h ; **Pressure** 0.1 bar

### Rinse Aid Pump

**Flow rate** 0.2 - 1 l/h ; **Pressure** 3 bar



# Twindose 30



## Features

Compact digital device for automatic detergent and rinse aid dosing in hood type or conveyor dishwashers

Suitable for single or double solenoid valve professional dishwashers

Pre-cabled system reduces installation time

Easy, fast and pre-set programming guarantees minimal set-up time

The unit can work with or without conductivity probe with reading range 200uS to 10 mS

Available with solenoid valve for powder detergent dosage

Over Feed Alarm prevents from washing without detergent in case of probe malfunctioning or out of product

Timed emergency program can start automatically in case of multiple Over Feed Alarms

## Twindose 30 specification

**Power supply** 100 - 240 Vac, 50 - 60 Hz

### Detergent Pump

**Flow rate** 1 - 8 l/h ; **Pressure** 0.1 bar

### Rinse Aid Pump

**Flow rate** 0.2 - 1.5 l/h ; **Pressure** 3 bar

# Cratewash Dosing System



## Digital cratewash dosing system for high flow rates

CrateWash is a dual-pump microprocessor dosing unit with LCD display, designed for use with large crate washers in the fish, dairy, meat and beverage industries or for general CIP applications where flow rates are higher than standard warewash systems can achieve.



### Features

- LCD digital display 2 x 16 characters with backlight
- IP55 protection degree and class II electrical insulation
- Password protection for programming functions
- Inductive probe for accurate conductivity reading (reading range 1 mS ÷ 100 mS) with temperature compensation
- Accepts 24-240 Vac input signal to start dosing
- 2A relay for external pump available in parallel with pump functions
- Direct priming access with front buttons

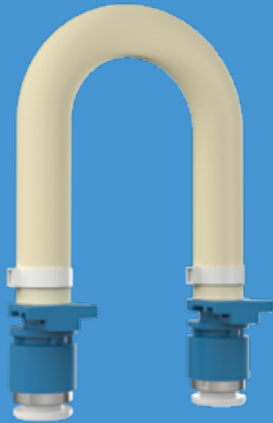
### Operating modes and functions

- Three separate dispensing programmes selectable manually or automatically by time of day
- Primary peristaltic pump with selectable dosing speed (20 - 40 - 60 - 80 l/h), activated from conductivity reading
- Secondary peristaltic pump with adjustable speed; can be set to work with detergent pump or controlled by separate input signal
- Programmable OFA time to signal alarm and eventually stop the pump if the detergent concentration set point has not been reached within the set value
- Motor breakdown diagnosis to signal failures
- Two level control Inputs compatible with SEKO suction devices for flagging up depleted containers

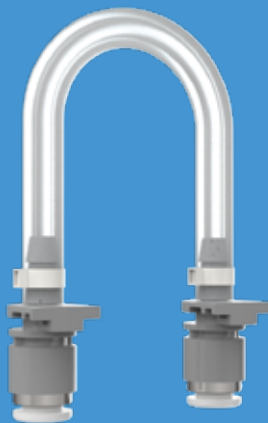
### Cratewash specification

Power supply	100 - 240 Vac, 50 - 60 Hz
Power consumption	40 W
Primary pump flow rate	20 - 40 - 60 - 80 l/h selectable by software
Squeeze tubing	Norprene
Secondary pump flow rate	7 l/h adjustable by software
Squeeze tubing	Santoprene
Max backpressure	1.5 bar
Operating temperature	10 - 50°C

# New Quick Connectors For Ware Range



Tube Name



Tube Name



SEKO has developed new quick fittings for connecting suction and delivery tubes to squeeze tubes

- Quickly connect suction and delivery tubes to peristaltic tubes
- Avoid tube cracking when connecting to spigots
- Prevent leakages due to poor connections or loose tie wraps
- Safer connection between fitting, squeeze tube and modified barbed spigot



# WareOne



## Analogue & digital multifunction peristaltic dosing pump

SEKO's digital multifunction peristaltic range features microprocessor technology across all its products, providing precise and reliable programming of speed, time and conductivity values. Its luminous, 4-digit display makes it easy to read and interpret information, aided by the use of green and red colours to differentiate between programming and parameter control. WareOne analogue is the new peristaltic pump that renews the look of SEKO best sellers PR and Dynamik pumps. It is designed to be installed mainly on under counter dishwashers or glass washers.

The dosed quantity is adjusted by software, regulating speed and time of dosing when input triggers come from warewasher. SEKO's outstanding integrated ball bearing provides support and stability to the drive shaft, making the roller pressure on the squeeze tubes more uniform and extending both motor and tube life.



### Precise programming

- Delay, dosing and lock out times made possible using key display and microprocessor technology

### Improved lifetime

- Squeeze tube and motor life extended thanks to integrated ball bearing and advanced tubing

### IP65 enclosure

- A PP-reinforced fibreglass housing combined with a soft polyurethane gasket offers outstanding water and dust protection to IP65, helping protect the system from impacts, ingress and chemical agents

### Electrical class 2

- A ground cable connection is not required, while the operator is not exposed to external metal parts

### Materials

- The entire range is made using fire-retardant materials and RoHS technology, eliminating operator exposure to lead and other heavy materials

### Wide range of options

- Specific models can be supplied with the option of connecting a level probe, acoustic alarm and priming by means of a switch

### Rugged, precise and long life

- Easy to install thanks to convenient wall fixing modular brackets able to couple two or more pumps together as a unique device
- Squeeze tube replacement does not require pump starting, special tools or qualified personnel and is made easy by the edge free rollers



# WareOne Digital

## Easy and intuitive display

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

## Integrated ball bearing

Provides support and stability to the driveshaft, making the roller pressure on the squeeze tube more uniform. This results in extended motor and squeeze tube lifetime.

## WareOne SV

WareOne SV is a dosing system specifically designed for the dosing of powder detergents into warewashing without the use of a conductivity probe. It can be used for a single tank machines with either one or two solenoid valves.

## Digital model specifications

### WareOne DR

<b>Power supply</b>	100 - 240 Vac, 50 - 60 Hz
<b>Power consumption</b>	5 W
<b>Flow rate</b>	0.7 l/h - 6.5 l/h

### WareOne CR

<b>Power supply</b>	100 - 240 Vac, 50 - 60 Hz
<b>Power consumption</b>	5 W
<b>Flow rate</b>	7 l/h

### WareOne SR

<b>Power supply</b>	100 - 240 Vac, 50 - 60 Hz
<b>Power consumption</b>	5 W
<b>Flow rate</b>	0.1 l/h - 1 l/h
<b>Pressure</b>	3 bar

### WareOne SV

<b>Power supply</b>	24 - 220 Vac, 50 - 60 Hz
<b>Power consumption</b>	5 W

## Features

Analogue or digital multifunction peristaltic dosing pump that is simple to install, robust and easy to use

Versatile system allows probe connection, audible alarm and switch-operated prime

Flow rate up to 7 l/h

Model for detergent dosing accepts two input triggers (100 - 240 Vac) for the 1st charge and rinse

Suitable for warewashers with one or two valves

Dosing speed automatically adjustable by software in the range 10 - 100%

Dosing time adjustable by software in the range 0 - 999s

Double speed/time dosage on detergent version, time and speed regulation on rinse aid version

Quick connectors for transport tubes with O.D. 6mm provide a reduced installation time with a safer connection

New POE transport tube (included) ensures greater resistance to highly aggressive chemicals

## Analogue model specifications

### WareOne PR

<b>Power supply</b>	230 Vac, 50 - 60 Hz
<b>Power consumption</b>	5 W
<b>Flow rate</b>	0.15 l/h - 13 l/h

### WareOne RT

<b>Power supply</b>	100 - 240 Vac, 50 - 60 Hz
<b>Power consumption</b>	5 W
<b>Flow rate</b>	6 l/h

### WareOne PM

<b>Power supply</b>	100 - 230 Vac, 50 - 60 Hz
<b>Power consumption</b>	5 W
<b>Flow rate</b>	2 l/h
<b>Pressure</b>	3 bar

### WareOne PA

<b>Power supply</b>	100 - 240 Vac, 50 - 60 Hz
<b>Power consumption</b>	5 W
<b>Flow rate</b>	6 l/h

# WareDose 20



## Easy to install, compact solution for warewash

WareDose 20 is an automatic compact detergent and rinse-aid dispenser, designed for hood and conveyor-type warewash machines and is suitable for professional single and double solenoid valve warewash machines. It comes within a compact design and LED display, using potentiometers and DIP switches.



### WareDose 20 specification

Power supply	24 - 115 - 230 Vac, 50 - 60 Hz
Power consumption	8 W
Detergent pump	
Flow rate	1 - 4 l/h
Squeeze tubing	Santoprene
Rinse-aid pump	
Flow rate	0.15 – 1 l/h
Squeeze tubing	SekoBril
Pressure	3 bar

### Features

Designed for hood and conveyor-type warewash machines

Suitable for professional single and double solenoid valve warewash machines

Compact design and LED display, setting is made using potentiometers and jumpers

IP65 protection degree and Class II electrical insulation

Separate level control inputs for detergent and rinse aid pump

Analogue speed control (15 - 100%) of detergent and rinse pump via potentiometer on the board. Analogue time control (0 - 200 sec) of detergent dosing on 1st charge signal via potentiometer

Manual pump priming via external buttons

Suitable for machines with one or two solenoid valves

Quick connectors for transport tubes with O.D. 6mm provide a reduced installation time with a safer connection

New POE transport tube (included) ensures greater resistance to highly aggressive chemicals

Vacuum Switch option enables user to check chemical level, including for bag in box products

# WareDose 30



## Easy and flexible digital device for warewash

WareDose 30 is a digital dosing system with separate circuit boards for each pump. It is pre-wired for quick installation and offers the possibility of speed/time adjustment for detergent and rinse aid or conductivity mode dosing for the detergent pump. It comes with two 4-digits displays.



## Features

Designed for medium duty applications

Microprocessor controlled dosing system with 4-digits display. Parameters can be set by software

Solution concentration detected and kept constant via conductivity sensor or by a timer

Can also be provided in a powder compatible version

IP65 protection degree and Class II electrical insulation

Level control inputs with the possibility to stop the pump or not when alarm sounds

Conductive probe for accurate conductivity reading (200  $\mu$ S - 10 mS)

Over feed alarm to avoid extra dosing in case of probe failure

Emergency program allows automatic switching to time mode in the event of OFA

Quick connectors for transport tubes with O.D. 6mm provide a reduced installation time with a safer connection

New POE transport tube (included) ensures greater resistance to highly aggressive chemicals

## WareDose 30 specification

Power supply	100 - 240 Vac, 50 - 60 Hz
Power consumption	20 W
Detergent Pump	
Flow rate	7 l/h
Squeeze tubing	Santoprene
Rinse-Aid Pump	
Flow rate	0.1 - 1 l/h
Squeeze tubing	SekoBril
Pressure	3 bar

# WareDose 35



## Compact yet accurate and versatile dispenser for warewash

Designed for medium and heavy duty applications, WareDose 35 are microprocessor-controlled dosing systems with LCD display and keyboard that are versatile enough to be installed in every kind of dishwashers. Solution concentration is detected and kept constant via either conductivity sensor or by a timer. WareDose 35 can also be supplied in a detergent powder-compatible version upon request.



### WareDose 35 specification

Power supply	100 - 240 Vac, 50 - 60 Hz
Power consumption	20 W
Detergent pump	
Flow rate	1.4 - 9 l/h
Squeeze tubing	Santoprene
Rinse-aid pump	
Flow rate	0.2 - 1.5 l/h
Squeeze tubing	SekoBril
Pressure	3 bar

### Features

Designed for heavy duty applications, where dosing time exceeds 50 hours per week

Microprocessor controlled dosing system with LCD display. Settings made via front keys and display

Solution concentration detected and kept constant via conductivity sensor or timer

Also available in a powder compatible version

IP65 protection degree and Class II electrical insulation

Level control inputs separate for the two pumps

Conductive probe for accurate conductivity reading (200  $\mu$ S - 5mS)

Dosing speed of detergent pump depending on conductivity value percentage compared to set point

Accepts up to three input signals (1st charge SV, rinse SV, wash pump) from warewasher with voltage 12 - 230 Vac selectable via jumpers

Over feed Alarm Time can be set to advise in case conductivity is not reached within the set time, deciding whether to stop the pump or not

Dosing can be set in PROBE, PROBELESS or SIMPLIFIED (patented) Mode, to ensure maximum flexibility for any kind of installation

Smart management of first charge to allow detergent fill at power up or according to set signals

Basic set of counters allows check of washing performances and statistics

Quick connectors for transport tubes with O.D. 6mm provide a reduced installation time with a safer connection

New POE transport tube (included) ensures greater resistance to highly aggressive chemicals

Vacuum Switch option enables user to check chemical level, including for bag in box products

Available with embedded Wi-Fi module for remote control

Available with inductive probe (1mS - 50mS) to reduce service intervals in harsh environments



# WareDose 50



## Complete and advanced solution for heavy duty warewash application

WareDose 50 is microprocessor controlled dosing system that represents the ultimate solution in case of heavy duty installations. It can house up to three pumps, one of which may even be electromagnetic. WareDose 50 manages up to three different dosing programmes that can be started automatically at certain times of day, while Plus models include an inductive probe.



### WareDose 50 specification

Power supply	100 - 240 Vac, 50 - 60 Hz
Power consumption	20 W
Detergent pump	
Flow rate	1 - 7.5 l/h
Squeeze tubing	Santoprene
Rinse-Aid pump	
Flow rate	0.15 - 1.3 l/h
Squeeze tubing	SekoBril
Additive pump	
Flow rate	0.15 - 1.3 l/h
Squeeze tubing	SekoBril
Pressure	3 bar

### Features

LCD digital display 2 x 16 characters with backlight

IP65 protection degree and Class II electrical insulation

Password protection for programming

Conductive probe for accurate conductivity reading (200  $\mu$ S - 10mS)

Inductive probe on Plus models (reading range 1 mS - 50 mS)

Proportional achievement of the conductivity set point (speed reduces when approaching set point) with programmable band

Accepts up to three input signals (1st charge SV, rinse SV, wash pump) from warewash machine

Wide set of statistical data (including operating times and activations for each pump and conductivity value)

Up to three stored programmes

Rinse peristaltic pump adjustable speed or dosing time and programmable dosing time limit

Speed-adjustable sanitizing pump can be set to work with detergent or rinse-aid pump

Motor breakdown diagnosis to signal motor failures

Level control input with the possibility to stop the pump or not when alarm occurs

Programmable OFA time to signal alarm and eventually stop the pump if the detergent concentration set point has not been reached within the set value

De-liming function for descaling of warewash machine

Quick connectors for transport tubes with O.D. 6mm provide a reduced installation time with a safer connection

New POE transport tube (included) ensures greater resistance to highly aggressive chemicals

Vacuum Switch option enables user to check chemical level, including for bag in box products

Available with embedded Wi-Fi module for remote control

# WarePanel 50



## Integrated powder and liquid warewash dosing system

WarePanel 50 is a complete dosing system designed to dispense a powder detergent and a liquid rinse aid into any kind of warewashing machine.

The unit features an integrated microprocessor dosing device, the WareDose 50 DL, and a solid hopper to dissolve the dry detergent to be injected in solution with water into the warewashing machine.



### Operating modes and functions

- Password protection for programming
- Operating mode programmable for single tank or tunnel dishwashers
- Detergent solenoid valve opens depending on conductivity value
- Separate management of first charge
- Peristaltic rinse pump with adjustable speed or dosing time and programmable dosing time limit
- Three stored programmes that can be activated manually or at a pre-set time
- Programmable OFA time to signal alarm and eventually close the valve if the detergent concentration set point has not been reached within the set time interval
- Wide set of statistical data (such as operating times and activations for each pump, conductivity value, etc.)
- Motor breakdown diagnosis to signal failure

### Features

- LCD digital display 2 x 16 characters with backlight
- IP65 protection degree and class II electrical insulation
- Level control input for rinse pump, with the option to stop the pump or not when alarm occurs
- Separate input triggers for 1st charge SV, wash pump and rinse SV
- Conductive/inductive probe for accurate conductivity reading (200  $\mu$ S - 10 mS or 1 mS - 50 mS)
- Manual priming of the SV/pumps by buttons on the front label keypad
- Features new PC front cover with easy opening and stop in open position
- New ABS polished enclosure with easy opening by frontal keys
- 3 rollers and ball bearing on motor shaft ensure 20% high tube and motor lifetime
- Corrosion-resistant plastic hinge not affected by corrosion
- Integrated PP hopper for dry chemical dissolving in water
- Integrated 24 VDC solenoid valve opens water flow for spraying
- Solid PP panel ready for wall mounting

### WarePanel 50 specification

Power supply	100 - 240 Vac, 50 - 60 Hz
Power consumption	20 W
Rinse aid pump	
Flow rate	0.15 - 1.3 l/h
Squeeze tubing	SekoBril
Pressure	3 bar
Operating temperature	10 - 50°C

# Kronos 10



## High precision, high reliability, durable

Kronos 10 analogue or digital pumps are 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.

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.



## Features

For use in light to medium intensity environments

Featuring a brand new technical enclosure and operating functions

Easy to use and offering affordability for many applications.

Both analogue and digital versions

Flow rate 0.1 – 10 l/h

IP65 Protection degree

Design features to extend operating lifespan, reducing costs

Digital interface with 4 digits 7 segments display

# Kronos 20



## High precision, high reliability, durable

Kronos 20 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.

The range includes three models:

- Detergent Pump with adjustable speed
- Rinse Aid Pump with adjustable speed
- Pump with dosage depending on conductivity reading



## Features

Digital only professional pump suitable for use in harsher environments

3 models available - detergent, rinse aid and with conductivity control input

LCD backlit display

Motor surge protection

Built in tube break alarm

Features the optional ModBus communication port

Flow rate 0.16 – 10 l/h

Special function that permits dosing only when liquid is detected in the tank and only when a programmed temperature has been reached (CR model)



# Kronos 50



## High precision, high reliability, low noise

Kronos 50 represents the top of SEKO's peristaltic range for cleaning and hygiene. Designed to deliver the highest precision and consistency of dosing, even at the smallest concentrations thanks to the stepper motor that allows or infinitely adjustable metering. The feed chemical is conveyed by means of the rotor squeezing on the tube. No valves are needed for this. This ensures gentle handling of the metered media.

The housing is made from shock-proof and chemical resistant ABS with IP65 protection degree. It is equipped with several inputs for metering configuration. The stepper motor means that metering is infinitely adjustable.



## Features

10 models to choose from

Uses a Stepper motor, to offer infinitely variable dosing and superior reliability

SEKO's Transaxle Technology greatly extends the life of the motor as well as the squeeze tubes

Quietest pump operating at <35dB

Flow rate 0.002 – 15 l/h

Self priming pump in all conditions

## Stepper Motor

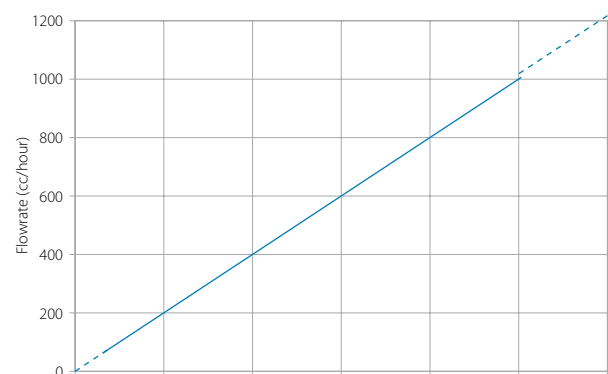
Thanks to its outstanding design characteristics Kronos is able to precisely dose very small amounts of chemical product, down to 0.01% of its maximum flow rate. The metering function is particularly accurate and reliable over time.

## Design and Functional Description

The device is housed in a robust plastic housing. The plastic housing is comprised of upper and lower sections, which are screwed together. The lower section contains the PCBs for power supply and connectors.

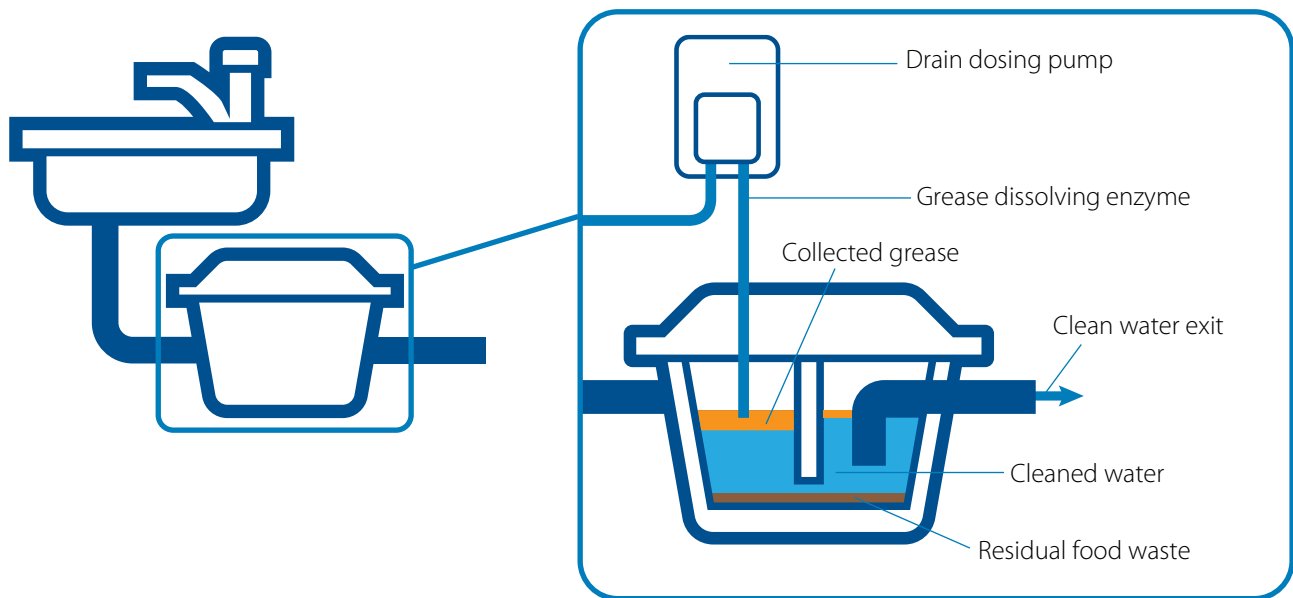
This construction technology Self priming pump in all conditions. The liquid end is mounted at the front and is closed off by means of a transparent cover to protect against injuries. The pump hose can easily be exchanged after the transparent cover has been removed.

Three rollers ensure and even pressure on the squeeze tubes helping extend their life, reducing servicing costs through need for early replacement.



# Timed drain dosing

Automated processes are becoming very popular across almost all industries, with benefits including reduced waste, improved quality, enhanced safety, precision and repeatability. The cleaning and hygiene industry frequently uses automation for various processes including drain management. Automated drain dosing is an efficient way of grease management as it dispenses enzyme-based chemicals at precisely-timed intervals into drains. The enzyme-based chemical helps with the breaking down of grease, fat and oil to prevent build-up and potentially blockages.



## Keeps drains clear

Automated drain dosing keeps your drainage channels clear of fats, oils, grease and reduces bad odours and blockages.

## Higher productivity

Timed dosing systems are programmable, allowing the dosing cycles to run automatically. This eliminates the manual process of pouring chemicals into drains.

## Improves health & safety

When using grease traps, staff have to physically clear the build-up of grease. The waste must then be properly disposed of, and great care needs to be taken to avoid spillage and contamination. Automated drain dosing releases an enzyme, which helps break down the grease so that it washes away easily without the need for manual cleaning.

## Timed dosing is adaptable

Automated dosing is making its mark across many different environments. The popularity of automated systems is due to their accuracy, safety and efficiency benefits. They are also adaptable in that they can be facilitated for different processes.



# Drain Mini



## Easy drain dosing

Known for reliability and durability, the Drain Series systems are used primarily for grease trap maintenance but are suitable for many other applications where intermittent, timed dosing operations are needed. The Drain Series systems automatically meter exact amounts of chemical anytime of the day or night as desired, minimizing waste. Drain Mini is the entry point to the family, is compact in size and offers essential features.



## Features

Delivery of a single chemical at predetermined timed intervals

Quick and easy installation

Low maintenance, robust design

User friendly programming fast operations

IP65 ingress protection

Programming password protection

## Drain Mini specification

<b>Flow rate</b>	7 l/h
<b>Timer</b>	Complete digital control
<b>Power Supply</b>	Universal 100 - 240Vac
<b>No. of Feed Times</b>	24 on-times/24 h

# Drain Plus



## Biological drain dosing system

Based on the regulation EN 1825, all sites such as butchers, slaughterhouses, restaurants, fast foods, industrial kitchens and canteens should use grease traps to avoid problems with fats and oils.

Drain Plus is SEKO's timed system designed for enzyme dosing in order to prevent clogging drains and grease traps and reduce maintenance to a minimum.



## Features

Drain Plus uses state-of-the-art electronics to ensure reliability and ease of use

A microprocessor means the unit can set up to 48 daily dosing operations

Digital display counts down dosing time, providing visual verification

Easy installation, setting and programming with two separate menus

Dosing time can be set digitally or measured by calibration

## Reliable

Thanks to advanced electronics, Drain Plus checks the motor status, constantly increasing or decreasing power depending on performance to ensure precise dosing and motor lifetime.

## Durable

Peristaltic pumps with SekoFlex or Santoprene tubing and transaxale technology guarantee a perfect combination in terms of chemical compatibility with the most common products and an excellent mechanical resistance.

## Easy

An intuitive menu includes two separate menus, programming and setting, allowing fast activation.

## Accurate

Drain Plus can be calibrated to ensure the system doses accurately regardless of factors such as back pressure which may otherwise compromise the standard flow rate.

## Adaptable

Stock is reduced, thanks to adaptable features:

- Universal power supply (100 - 240Vac)
- Adjustable flow rate (120ml/h - 121l/h) (0.07oz/min - 7oz/min)
- Relay to control external pump or SV (10A - 250Vac)
- Multi-language menu
- Measure unit in litre or ounce
- Installation kit ready for the most common installations

## Drain Plus specification

<b>Power supply</b>	100 - 240 Vac, 50 - 60 Hz
<b>Flow rate</b>	0.12 - 12 l/h
<b>No. feeds/24h</b>	48





# TM Digital

## Clock-controlled drain dosing unit

TM Digital offers a reliable, user-friendly drain dosing solution to food service operators facing the common problem of waste pipes and grease traps becoming blocked with fats and oils.

By intermittently delivering a pre-programmed quantity of enzyme-based chemical directly into the waste channel, the TM Digital keeps drains and grease traps permanently clear, with the capacity to set up to 17 dosing events within a seven-day period.

It's not only restaurateurs, café managers and takeaway owners who benefit from TM Digital. The versatile unit – which is also available as a battery-powered system – can also be used for dosing into pumping stations, urinals and more.



## Features

Easy solution for timed dosing into drainpipes and grease traps, using a programmable clock to activate the dosage

Set up to 17 dosing events in a single week

The dosing pump can be activated by the clock or manually, disconnecting the clock itself

## TM Digital specification

**Power Supply** 100 - 240 Vac, 50 - 60 Hz  
or battery operated unit

**Flow rate** 0.4 - 3l/h ; **Pressure** 1.5 bar

# DrainOne



## Easy and smart drain dosing dispenser

A simple, easy and intuitive dosing device to be installed in kitchens for the removal of fats in drain pipes, grease traps or other places where dosing at certain intervals of the day is required.



## Features

Delivery of a single chemical at predetermined timed intervals

Programmable initial delay time, interval between dosages and dosing time

Quick and easy installation

Low maintenance, robust design

IP65 protection

Programming password protection

## Drain One specification

<b>Power supply</b>	100 - 240 Vac, 50 - 60 Hz
<b>Power consumption</b>	5 W
<b>Flow rate</b>	7 l/h
<b>Pressure</b>	1 bar
<b>Squeeze tubing</b>	Santoprene

# DrainDose



## A low-maintenance solution for clean, clear drains

The ultimate solution for dosing enzymes into drains, grease traps, boilers, lubrication systems or other areas at the appropriate times.



## Features

Available in both battery power or mains power supply versions

Easy programming through 2x16 display and 4 keys

Password protection to unlock settings

On-screen battery level indicator

Up to 48 programmable dosing events per day

Dosing can be eventually enabled only by external "flow" input

Alarm relay output

Low level indication

Optimized battery consumption (with sleep mode) to enhance battery lifetime

Adopts standard D-Cell batteries that can be easily found on the market

Robust bracket with lock feature to secure the unit to the wall

## DrainDose specification

<b>Power supply</b>	100 - 240 Vac, 50 - 60 Hz or batteries (8 x 1.5V D-cell)
<b>Power consumption</b>	10 W
<b>Flow rate</b>	Max 5 l/h
<b>Pressure</b>	1 bar
<b>Squeeze tubing</b>	Santoprene (others upon request)

# Warewashing Accessories

SEKO has developed a full range of accessories to ensure engineers have every element they need to deliver the most professional installation.

## Foot filters

**Foot filter for ID4 / OD 6 mm tubing.** To be used in inlet pipeline of the peristaltic pumps, made of PP and SS. Available with Ceramic or Stainless Steel weight.



## Tank injection kits for Detergent

**PVDF Connector** to hold the delivery line of the peristaltic pumps to a tank. Made with nut fixing for ID4 / OD6 mm tubing. Process connection with 10mm hole.

**Aisi 304 connector** to hold the delivery line of the peristaltic pumps to a tank. Available for ID4 mm or ID6 mm tubing. Process connection with 10mm hole.

**PP flat Connector** to hold the delivery line of the peristaltic pumps to a tank in narrow space. Suitable for ID4 mm tubing. Process connection with 12mm hole.



## Non return valves for Rinse Aid

**AISI 316 non return valve** with Silicon seals to connect peri pump into pressurised tanks or when injection is made under liquid level. Made with nut fixing for ID4 / OD6 mm tubing or with tube holder for ID6 mm tubing. Gm 1/8 Process connection. Available for tubes' sizes 4x6 mm or 2x4 mm.

**PP non return valve** with FPM seals to connect peri pump into pressurised tanks or when injection is made under liquid level. Made with nut fixing for ID4 / OD6 mm tubing. Gm 1/8 Process connection.



## Generic plastic fittings

**PP connection** to hold non return valve to a process existing tubing with ID 6, 8 or 10mm.

**T connection** to hold non return valve to a process existing tubing with ID 12mm.





## Transport hoses

**ID 4 / OD 6 mm flexible PVC Crystal tube roll of 2 m** suitable for suction lines or delivery lines with low backpressure. Available in rolls of different lengths (2m, 4m, 6m) or in 100 m coils. Available also in blue or red colour.

**ID 4 / OD 6 mm semirigid PE tube roll of 2 m** suitable for pressurized delivery lines available in rolls of different lengths (2m, 4m, 6m) or in 100 m coils.

**ID 4 / OD 6 mm flexible POE tube** suitable for suction or pressurized delivery lines. Available in rolls of different lengths (2m, 4m, 6m) or in 100 m coil. Available also in blue colour.



## Suction lances

### Suction lances without check valve and tank adapter cap

**Length 450mm Ø 22mm** - PVC body with 2m PVC Crystal clear tube ID 4 OD 6  
Foot filter without check valve - **Without level probe**

**Length 450mm Ø 22mm** - PVC body with 2m PVC Crystal clear tube ID 4 OD 6  
Foot filter without check valve - **With level probe**



### Suction lances with check valve and tank adapter cap

**Length 260mm Ø 22mm** - PVC body with 2m PVC Crystal clear tube ID 4 OD 6  
Foot filter with EPDM check valve - **With level probe**

**Length 450mm Ø 22mm** - PVC body with 2m PVC Crystal clear tube ID 4 OD 6  
Foot filter with EPDM check valve - **Without level probe**

**Length 450mm Ø 22mm** - PVC body with 2m PVC Crystal clear tube ID 4 OD 6  
Foot filter with FPM check valve - **Without level probe**

**Length 450mm Ø 22mm** - PVC body with 2m PVC Crystal clear tube ID 4 OD 6  
Foot filter with EPDM check valve - **With level probe**

**Length 450mm Ø 22mm** - PVC body with 2m PVC Crystal clear tube ID 4 OD 6  
Foot filter with FPM check valve - **With level probe**

**Length 215 to 290 mm Ø 29mm** - PVC body with barbed connector for i.d. 4/5 mm suction tube - **With Level Probe featuring 3 m cable**

### Suction lances multiple inlet

**3 way suction - Length 450mm Ø 40mm** - PVC body; Connection Ø 4mm  
Foot filter with ball valve PTFE housing - **With level probe**

**3 way suction - Length 650mm Ø 40mm** - PVC body; Connection Ø 4mm  
Foot filter with ball valve PTFE housing - **With level probe**

### Suction lances accessories and adds-on

**Level probe PVC** - Length 450mm Ø 22mm

**Extension for level probe tubes** - PVC - Length 200mm Ø 22mm

**PVC extension modules PVC** - Length 450mm Ø 22mm

**Kit Modular Tube stiffener** - 3 pieces by 165 mm each - for tube 4x6 mm - with plastic foot filter

**Tank adapter cap**

# SekureLoop

## Simple and safe chemical handling

SekureLoop is SEKO's solution for preventing spillage and leakage of concentrated chemical during transportation, installation and transfer from the container, which may cause damage to equipment as well as injury to the operator.

Helping to avoid additional costs from unplanned maintenance, non-operational equipment and staff absenteeism, this simple small device will dramatically reduce risk by minimizing exposure to the chemical and simplifying installation and change-out.

SekureLoop is compatible with most common container types and alongside the standard version can also be customized to fit the client's own container design.



## Advantages

Compatible with multiple container designs

Minimal initial effort

Minimizes risks to operators

Safeguards the environment

Protects the business

Simplifies daily operations



SekureLoop equipped with non-return valve to prevent spillage and stops the bottle emptying if the bottle is knocked over

## SekureLoop composition

### Cap

Mounted on the dispenser side, this is equipped with a non-return valve to prevent the tubing from emptying. The cap serves as the key to opening the insert valve that allows the chemical to flow and connects the dispenser with the chemical container.

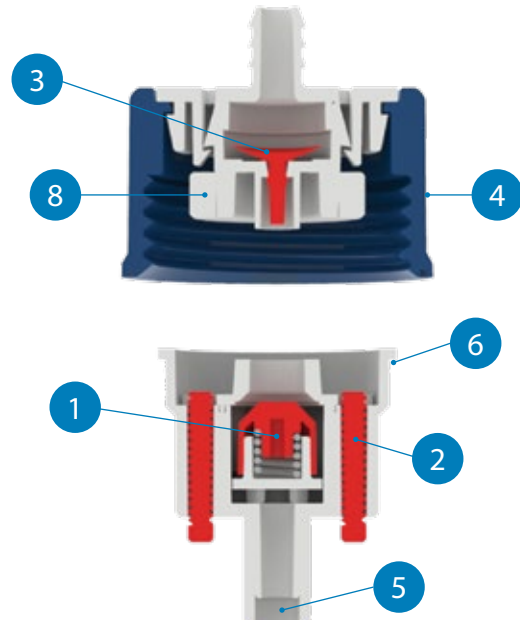
### Insert

Factory mounted inside each container, the insert prevents chemical spillage thanks to an elastomer-free non-return valve that can be opened only with the cap. After the first connection of the cap, it allows air venting both in and out of the container using a patented SEKO design.



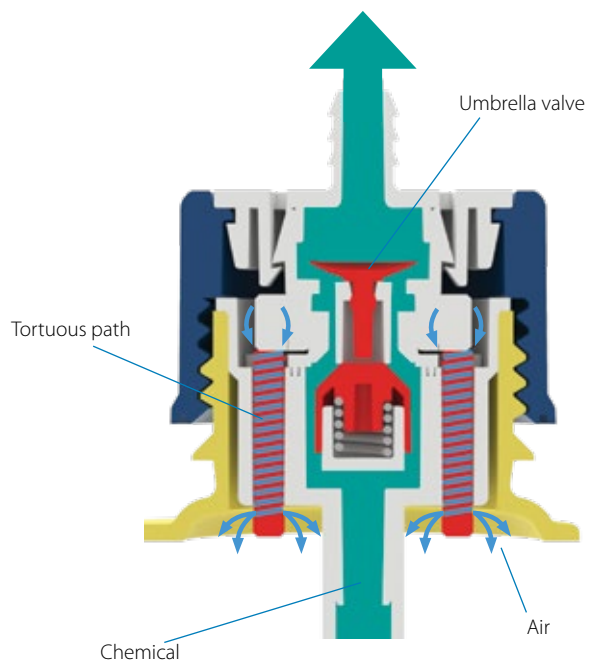
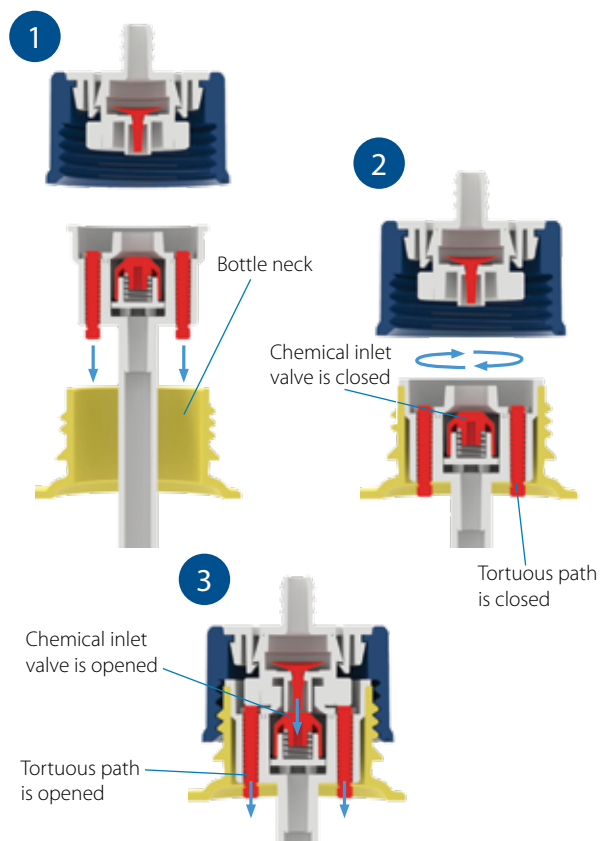
## Technical Features

1. Elastomer-free PE plastic valve with spring isolated from chemical for full chemical compatibility
2. Complex air path prevents bottle collapsing and degassing
3. Equipped with non-return valve to avoid chemical spillage during change-out
4. Comfortable swivel nut with easy-to-grab design simplifies installation
5. PE suction hose included
6. 31mm bottle neck version available
7. Large-diameter internal valves maintain suction dispenser performance
8. Colour-coded: white for FPM / black for EPDM (offers maximum chemical compatibility)



## SekureLoop - operating principle

1. The insert is mounted in the bottle during production before applying the cap.
2. At first use, the operator safely removes the protection cap and the bottle remains sealed until the SekureLoop cap is affixed.
3. The cap opens the chemical suction line and the venting path to allow air to enter the bottle.



## Benefits

- Optimal performance
- No gas build up
- No bottle collapse



# Laundry

## Dosing Pumps

Warewash & Kitchen

Laundry

Dilution Control

Cleaning & Disinfection

Foaming Systems

Spray Systems

Refill Range



# Product Overview



WashBasic L



WashBasic LL



WashBasic LLL



Smart Plus P



Smart Plus H

Power supply	2.5 - 110	2.5 - 110	3 - 5	0.4 - 110	3 - 5
Power consumption	20	20	10	20	10
Flow rate	•	•	•		
Pressure				•	•



WashDose Peri S



WashMulti Solenoid



WashMulti Peri



WashMulti Air



WashMulti Top



WashDose Tunnel

Power supply	2.5 - 110	2.5 - 110	3 - 5	0.4 - 110	3 - 5	
Power consumption	20	20	10	20	10	
Flow rate	•	•	•			
Pressure				•	•	



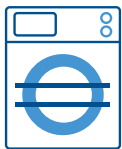
# Laundry Applications



## OPL Machines

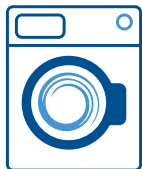
Most OPLs are very small in terms of available space and contain a variety of machines including washers, dryers, flatwork ironers, folders and steam cabinets for processing laundry. The typical laundry utilizes systems known as washer-extractors.

This type of machine ranges in size from around 7kg up to 60kg in the largest laundries. The term washer-extractor is used because after each portion of the wash cycle (soak, suds, prewash, wash, rinse or finish) an extraction imparting centrifugal force removes the liquid contents from the wash wheel to the drain. Some may be simply timed machines, while others may be semi or fully programmable.



## Commercial Machines

Small to medium-size laundries mostly rely on washer-extractors, which look and operate somewhat similar to a residential front-loading clothes washer, except they are three to 30 times larger. The largest models are huge; allowing workers to easily stand up inside the wash drum for service and maintenance. Fabrics are washed in batches, similar to a residential washer.



## Industrial Machines

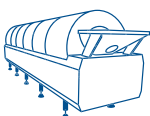
Industrial laundry facilities process large quantities of items such as linen, workwear and uniforms from sites including hospitals, factories and hotels. With a constant heavy flow of items to launder, industrial laundries use systems such as continuous batch tunnel washers and open pocket washers to deliver consistent, high-quality results in the fastest and most efficient way.



## Washer-Extractor

The most efficient machines have built-in water recycling capabilities; storing the rinse water from the previous load to supply wash water in the subsequent load, using less than 9 litres per kg of fabric.

For washer-extractors without built-in recycling features, there are auxiliary recycling systems available that can be attached to machines to filter and sanitize rinse water to be reused in the wash water supply. These systems vary in quality, size and efficiency. Recycling the water requires adjustment to chemicals and detergents used in the wash and rinse water to maintain the quality of the washing process.



## Continuous batch washer

Unlike OPLs, industrial laundries use continuous batch washers and launder stock from a wide variety of customers including uniform companies, industrial firms, schools and other institutions.

Continuous batch washers comprise long chambers with a series of compartments called "pockets". A large internal auger pulls the laundry through these pockets, where each stage of the wash process is performed. Water moves in a counter flow direction to the laundry and is used several times before being sent to the drain.

# WashBasic L



## Single peristaltic pump

WashBasic L is the new peristaltic pump that renews the look of SEKO bestsellers PR and Dynamik. It is designed to be used in small OPL applications where the dosage of one liquid chemical product for washer extractors up to 30Kg (60lbs) is required. The unit features a fixed-speed peristaltic pump with digital adjustment of delay, dosing and lock-out time. SEKO's outstanding integrated ball bearing provides support and stability to the drive shaft, making roller pressure on the squeeze tubes more uniform and extending both motor and tube life.



### WashBasic L Specification

Power supply	100 - 240 Vac, 50 - 60 Hz
Power consumption	5 W
Flow rate	250 ml/m (8 oz/m)
Pressure	0.1 bar (1.5 psi)
Squeeze tubing	Sekoflex

### Features

Delay, dosing and lock out times made possible using key display and microprocessor technology

4-digit display makes it easy to read and interpret information, aided by the use of green and red colours to differentiate between programming and parameter control

An optional remote switch is available

Squeeze tube and motor life extended thanks to integrated ball bearing and superior tubing

A PP-reinforced fibreglass housing combined with a soft polyurethane gasket offers outstanding water and dust protection to IP65, helping protect the system from impacts, ingress and chemical agents

Easy to install thanks to convenient wall fixing modular brackets able to couple two or more pumps together as a unique device

Squeeze tube replacement does not require pump starting, special tools or qualified personnel and is made easy by the edge-free rollers

# WashBasic LL



## Peristaltic dual-pump system

WashBasic LL features SEKO's design know-how for easy installation, straightforward operation, low maintenance requirement, user safety and equipment reliability. It is designed to be used in small OPL applications where the dosage of two liquid chemical products for washer extractors up to 30Kg (60lbs) is required. An intuitive calibration method allows the user to precisely define the desired dosing quantity. SEKO's outstanding integrated ball bearing provides support and stability to the drive shaft, making the roller pressure on the squeeze tubes more uniform and extending both motor and tube life.



## Features

Fully programmable parameters dosing, delay and lockout time for 9 different programs

Trigger signals compatibility from 12Vdc to 240Vac

A smart motor torque sensor avoids unforeseen failure in the event of roller blockage

Warning alarm for out-of-product sensors is available as standard

Optional remote console can be used to manually control pumps

Squeeze tube and motor life extended thanks to integrated ball bearing and superior tubing

## WareBasic LL specification

Power supply	100 - 240 Vac, 50 - 60 Hz
Power consumption	15 W
Flow rate	250 ml/m (8 oz/m)
Pressure	0.1 bar (1.5 psi)
Squeeze tubing	Sekomed



# WashBasic LLL

## Peristaltic triple-pump system

WashBasic LLL is the new dosing system that renews the look of the former OPL Basic EVO. This advanced automatic system for OPL applications gives the operator multiple options for managing the dosage of three liquid chemical products for washer-extractors up to 30Kg (60lbs). SEKO's outstanding integrated ball bearing provides support and stability to the drive shaft, making roller pressure on the squeeze tubes more uniform and extending both motor and tube life.



### WareBasic LLL specification

Power supply	100 - 240 Vac, 50 - 60 Hz
Power consumption	40 W
Flow rate	250 ml/m (8 oz/m)
Pressure	0.1 bar (1.5 psi)
Squeeze tubing	Sekomed

## Features

Cost effective with a small footprint - the ideal choice for OPL applications

As with all SEKO systems, the programming mode is conceived to set parameters and washing programmes using a multi-language alphanumeric display with specifically-designed software and pre-charged data

All three pumps are independently programmable for the 3-input trigger signals available

Up to five selectable wash programmes

Two working modes: signal/pumps or sequential

Smart use of the third trigger: standard signal, discharges counter, or consider TR1+TR2 as an independent trigger

Three inputs as warning alarm for out-of-product sensors

Motor lock alarm prevents motor damage in case of high pressure at injection point or clogging of delivery tube

Relay output available to activate an external device in case of alarm

Optional flushing manifold available with integrated water valve

# Smart Plus P



## Smart systems for smart laundries

Smart Plus P combines technological development in peristaltic systems with guaranteed reliability for chemical dosing in commercial laundry machines. Specific innovations and the accurate design of all mechanical parts allow it to manage each dosing formula and to ensure high-quality performance.

Smart Plus P is designed for commercial-sized washers up to 25kg, configurable for two to seven peristaltic pumps. Ease of installation and connection are inbuilt with the Series Plus P coming with a front cover that opens to 85 degrees allowing simplified electrical connections.

Smart Plus P doses up to three chemicals simultaneously. The system's tubing is always equipped with inlet/outlet fittings for fast and safe connection. Smart Plus P has IP65 degree protection and class 2 electrical insulation which requires no further ground connection.



### Features

- Manages 2-7 pumps
- Power consumption 30W max
- 6 trigger inputs 20 - 265 Vac
- Flushing manifold included
- Santoprene squeeze tubing
- Control/formula selector

### Smart Plus P

Power supply	100 - 240 Vac, 50/60 Hz
Flow rate	15 l/h

# Smart R Plus P



## System for relay mode operation, without console

The Smart R Plus P model comes with relay mode operation. Pumps run as long as their respective signals are present, but run times, delay times and formulas are disabled.



### Features

- Based on the Series Plus P but with relay mode operation





# Smart Plus H

## Smart systems for smart laundries

Smart Plus H combines technological development in peristaltic systems, with guaranteed reliability for chemical dosing in industrial laundry machines. Specific innovations and the accurate design of all mechanical parts make it able to manage each dosing formula and to assure high-quality performance.

Designed for any industrial-size washers over 25kg up to 300kg, managing up to seven pumps and handling as many as 20 wash formulas, each one with unique run times and delay times for each pump. A flushing manifold is included as standard, ensuring the best performance of chemical dosing.



## Features

Designed for industrial-size washers over 25kg up to 300kg

Manages up to seven pumps and handling up to 20 wash formulas, each one with unique run times and delay times for each pump

## Advantages

- Power consumption 100W max
- 6 input signals
- IP65 enclosure and class 2 electrical insulation

## Smart Plus P

<b>Power supply</b>	100 - 240 Vac, 50/60 Hz
<b>Flow rate</b>	30 - 120 l/h

# Smart R Plus H



## System for relay mode operation, without console

The Smart R Plus H comes with relay mode operation. The pumps run as long as their respective signals are present, while run times, delay times and formulas are disabled.



## Features

Based on the Series Plus H but with relay mode operation

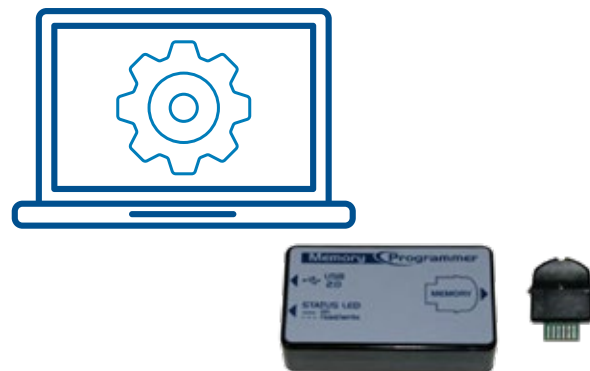
# Smart Peripherals

Smart systems for smart laundries



## Smart Console

This device is designed to be placed next to the washer extractor command panel in order to allow an appropriate dosing formula to be selected. Along with a priming function, users can enable destainer and softener pumps via the keypad.



## Smartware

Smartware is SEKO's unique software for managing wash formulas and consumption statistics. Smartware allows:

- Multiple wash programmes to be created
- Data transfer to a Smart memory card
- Programmes to be saved by name within folders and modified at any time
- Statistics to be saved and managed for every Smart system



## Flush Kit/Flush Manifold

- Flush manifold is included in all Smart systems
- Easy to install to the underside of the cabinet. Can also be wall-mounted
- Injection fittings equipped with built-in check valves. Position is adjustable for ease of tubing installation
- Pressure switch available as an option
- Flow sensor (optional)



## Level Control Unit (optional)

- 7 inputs with 5m cable

# Wash Series



## Intelligent laundry dosing at your fingertips

Designed and built on the back of an in-depth understanding of the laundry market, fine tuned in collaboration with customers from around the world, SEKO's Wash Series provides ultimate flexibility for any operator whilst allowing accurate control of the total laundry operation. This enables consumption of chemical, water and energy to be controlled within the overall wash process with class-leading management information available as required. The Wash Series offers outstanding remote control of dosing equipment from anywhere in the world, delivering the ultimate customer support.

## Remote management of the dosing systems

The Wash Series can be programmed remotely via PC/Mac, tablet or smartphone and works independently from any operating system or hardware. It works in any web browser on any internet-enabled device and requires no special software.

## Data on Demand on SekoWeb

Using SEKO's unique SekoWeb portal, the operator enjoys 24/7 access to detailed statistical reports regardless of their location. On a purpose-built website, visible on any smart device or PC, operators and managers can access data relating to real-time and historic chemical consumption, formula usage, machine-specific information, low-level alarms and fault reporting. This on top of information about real-time wash loads and total loads washed, providing the most important management information for an efficient laundry.



### Wi-Fi/LAN direct connection

to allow local programming of the equipment



### HTML programming interface

compatible with all internet browsers for any device such as PC, tablet and smart device





# WashDose Peri

## Professional Laundry Dosing System

The WashDose Peri system is designed to allow on-premise laundry operators to accurately manage their operation, helping to reduce over consumption of chemical, water and energy within the overall wash process. It also offers the possibility to control dosing equipment anywhere in the world, allowing remote customer support.

WashDose Peri can be optionally equipped with a PoD (Proof of Dosing) system that ensures precise and consistent dosage quantity, regardless of any variability in the condition of the chemical product or feeder tube.



## Models available

WashDose Peri P from 3 to 8 S type pumps  
Single machine system with multi peristaltic pump, one for chemical

**Flow rate** 400 ml/min (14 oz/min)

WashDose Peri S from 3 to 8 H type pumps  
Single machine system with multi solenoid pump, one for chemical

**Flow rate** 1800 ml/min (60 oz/min)

## Features

Modular system configurable for up to 16 chemicals and 100 formulas

As for the all Wash series, the system has a web server interface accessible via Wi-Fi with any device like smartphone, tablet or laptop

WashDose Peri allows remote management of the dosing system and provides critical management information through the "SekoWeb" portal

Possibly to manage up to 3 washers extractor adding more trigger interfaces and the distributor block up to 3 valves

Parametric dosing of the wash formula based on the washer extractor capacity

Reliable communication between modules via CANBus

Wide range power supply 100 - 240 VAC

Up to 8 inputs for trigger interface module (SIM) optically insulated 12VDC 24 - 240 VAC

Turnkey system

Quick uploading and downloading of parameters and formulas



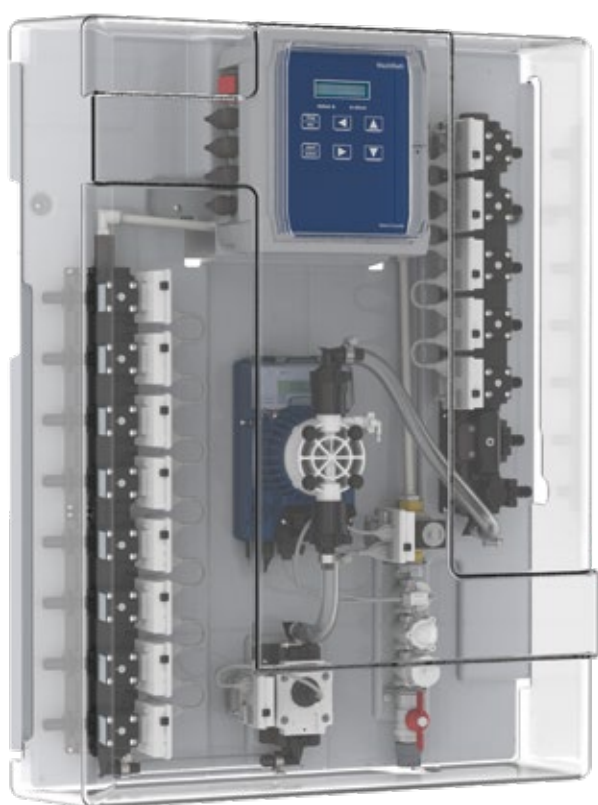
# WashMulti Solenoid

## On-Premise Laundry System

WashMulti Solenoid is a compact centralized multi washer-extractor chemical dosing system for laundry applications. Bringing advanced industrial technology to the on-premise laundry, this system offers flexibility and reliability for easy, intelligent dosing, with key features including precise control and remote management that help drive operational efficiency.

The WashMulti Solenoid system is designed to allow OPL managers to accurately control their overall operation, helping to reduce over consumption of chemical, water and energy within the wash process. It also offers the possibility to control the dosing equipment anywhere in the world, allowing remote customer support.

WashMulti Solenoid comes as standard with a PoD (Proof of Dosing) system that ensures precise and consistent dosage quantity, regardless of any variability in the condition of the chemical product or feeder tube.



### Multi-washer capacity

The dosing unit can control three or five washers and up to eight solenoid valves for chemical products. For enhanced accuracy, WashMulti Solenoid has a built-in flow meter sensor.

### Intelligent laundry dosing at your fingertips

The Wash Series can be programmed via PC, tablet or smartphone and works independently from any operating system/hardware. It works in any web browser on all internet-enabled devices. No special software is required, and the system can be used with a PC or Mac computer or any smart communication device.

### Features

System configurable for five washer extractors up to a maximum total load of 400kg (880lbs)

Incorporated water-powered flush system and centralized machine distributor is used to transport product solution to each machine - guaranteeing correct dosage and reducing wear on tubing from residual chemical

Formula and Automatic Formula selection modes are available for programming the system

### WashMulti Solenoid specification

Power supply	100 - 240 Vac, 50 - 60 Hz
Flow rate	1 l/m (0.2 g/m)



# WashMulti Peri

## Professional Laundry Dosing System



WashMulti Peri System is a centralised chemical dosing system designed for laundry applications. Installations can serve any combination of up to 10 washer extractors (depending of washer capacity) and maximum total load (all machines) of 400/500Kg (900/1100 lbs). The main unit contains 4/6/8 peristaltic pumps with the possibility to add an auxiliary unit with a further 2/4 pumps.

For enhanced accuracy, WashMulti Peri has a built-in flow meter sensor. As with the other products in the Wash Series, WashMulti Peri allows remote management of the dosing system and provides critical management information through the "Sekoweb" portal.



### WashMulti Peri specification

<b>Power supply</b>	100 - 240 Vac, 50 - 60 Hz
<b>Flow rate</b>	Max 1.6 l/m (0.4 g/m)
<b>Squeeze tubing</b>	Sekomed

### Features

Modular system configurable for up to 10 washer extractors, with 16 chemicals

The system is provided with a gear flowmeter to assure the right dosing accuracy also for high viscous chemical

Outstanding chemical compatibility materials for all the manifold parts, pump squeeze tubes and seals

As for the all Wash series, the system has a web server interface accessible via Wi-Fi with any device like smartphone, tablet or laptop

WashMulti Peri allows remote management of the dosing system and provides critical management information through the "Sekoweb" portal

Hygiene temperature monitoring for washed linen disinfection certification



# WashMulti Air

## Professional Laundry Dosing System

WashMulti Air is a centralized chemical dosing system designed for large laundry applications. Installations can serve any combination of up to 12 washer extractors with a minimum machine load of 20Kg (45 lbs) for Low Flow version, 40 Kg (90 lbs) for High Flow version and maximum total load (all machines) of 800/1000Kg (1800/2200 lbs).

The main unit contains 1 pneumatic pump in two different size, Low Flow and High Flow versions and 4, 6, 8, 10 or 12 chemical pneumatic suction valves. For enhanced accuracy, WashMulti Air has a built-in flow meter sensor. As with the other products in the Wash Series, WashMulti Air allows remote management of the dosing system and provides critical management information through the "Sekoweb" portal.



### WashMulti Peri specification

<b>Power supply</b>	100 - 240 Vac, 50 - 60 Hz
<b>Flow rate (low)</b>	2-3 l/min
<b>Flow rate (high)</b>	5-6 l/min

### Features

Modular system configurable for up to 12 washer extractors, with 12 chemicals

The system is provided with a gear flowmeter to assure the right dosing accuracy also for high viscous chemical

Outstanding chemical compatibility materials for all the manifold parts, pump/valves membranes and seals

As for the all Wash series, the system has a web server interface accessible via Wi-Fi with any device like smartphone, tablet or laptop

WashMulti Air allows remote management of the dosing system and provides critical management information through the "Sekoweb" portal

Hygiene temperature monitoring for washed linen disinfection certification

Post flush option: water by-pass valve for each washer extractor to decrease the delivery time



# WashMulti Top

## Dosing system for high-duty industrial laundry applications

WashMulti Top is a chemical dosing system specifically designed for high-duty industrial laundry applications. This system can supply up to 12 washer-extractors in two groups of six and can manage up to 10 chemicals per channel. The main WashMulti Top unit contains four dosing modules that can be configured in a modular way for 4/6/8/10 chemical inlets and 4/5/6 distributor valves in high or low pump flow rate configuration.

For enhanced accuracy, WashMulti Top has a built-in flow meter on each dosing module. An incorporated post-flush system is used to move chemicals, up to four machines per channel simultaneously. This, together with the possibility of two channels operating simultaneously, vastly improves the speed performance of the system. Moreover, the redundancy of the components in the two channels allows the system to work continuously and prevent laundry downtime.



## Features

Modular system, floor-mounted design with minimum footprint approx. 120x40cm (3.9x1.3ft)

Dosing modules are configurable 4/6/8/10 for chemical inlets and 4/5/6 distributor outlets

High-reliability membrane valves and a pneumatic membrane pump

Each dosing module has a dedicated flowmeter to ensure dosing accuracy

Outstanding chemical compatibility of components

As with all Wash series devices, the system has a web server interface accessible via Wi-Fi with smartphone, tablet or laptop

WashMulti Top allows remote management of the dosing system and provides critical management information through the SekoWeb portal

Water booster pump and reservoir embedded on the lower part of the cabinet (optional)

Compact packaging - the entire system is delivered on a euro pallet 120x80x150 cm (3.9x2.6x4.9 ft)



# WashDose Tunnel

## Dosing system for continuous batch washer applications

WashDose Tunnel is a chemical dosing system specially designed for Continuous Batch Washers (CBW or tunnel machines). This system can supply up to five dosing points of a machine with up to four chemicals per dosing point. The main unit of WashDose Tunnel contains up to five dosing modules, each one of them connected to a dosing point. Each module is equipped with a pneumatic pump and four chemical suction valves. For enhanced accuracy, WashDose Tunnel has a built-in flow meter on each dosing module. An incorporated flush system is used to transport the chemicals to the machine.



## Features

Dosing system for single Continuous Batch Washer Machines – Tunnel

Modular system-floor mounted design with minimum footprint approximately 120x40cm (3.9x1.3ft)

Fit up to five dosing modules, means injection points are on machine

The dosing modules are configurable from one to four chemical products managed by high-reliable membrane valves and a single pneumatic pump

Each dosing module has a dedicated flowmeter to ensure the correct dosing accuracy

Parts and seals manufactured in premium-quality materials for outstanding chemical compatibility

As with all Wash Series units, the system has a web server interface, accessible via Wi-Fi using smartphone, tablet or laptop

WashDose Tunnel allows remote management of the dosing system and provides critical management information through the "Sekoweb" portal

Water booster pump and reservoir embedded on the lower part of the cabinet

Air flush available

Compact packaging - the entire system is delivered on a Euro pallet dimension 120x80x150 cm (3.9x2.6x4.9 ft)

# A Flexible System

## The only laundry dosing system you'll ever need

A bold statement but such is the flexibility of SEKO's Wash Series that we are confident that our claim is true. SEKO's Wash Series provides ultimate flexibility regardless of the size of professional laundry. Its component-based design can be specified to make tailoring to a specific need or site easy.

System configuration on initial set up makes the system completely modular. Each item is connected to the CANbus network and needs to be identified. Once completed, all the items can be replaced without the need for further set up, while the same individual items can be identified and replaced should a fault occur, or maybe additional items are needed to expand the capability of the installation.



### Level Control Module

Monitors the levels of chemical levels in the containers and accepts up to 8 inputs



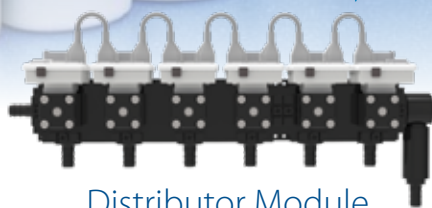
### Alarm Module

Signals the status of the system using visual and audio alarm signals



### Trigger Interface Module

Receives trigger signals from each Washer and transmits them via a CANbus to the system



### Distributor Module

Delivers the dosed chemical directly to each washer-extractor using valves that are fully compatible with chemicals commonly found in professional laundry operations



### Washer Kit

Enables the installation to be expanded to cope with additional needs, post original installation



### Washer Formula Selector

Selects the formula for each washer (note this is not required where Autowash mode is present). This helps eradicate the risk of user/operator error as the programmes are preselected



# Laundry Accessories

## Suction lances

### M Type

Length 400mm Ø 38mm - PVC suction lance with integrated level probe

### L Type

Length 600mm Ø 38mm - PVC suction lance with integrated level probe

### XL Type

Length 1000mm Ø 38mm - PVC suction lance with integrated level probe

### XXL Type

Length 1200mm Ø 38mm - PVC suction lance with integrated level probe

### XXL Type double sensor

Length 1200mm Ø 38mm - PVC suction lance with integrated double level probe

### XXL Type multi suction

Length 1200mm Ø 38mm - PVC suction lance with 3 outlets and integrated level probe



## Mixers

Mixers with 0.12 kW single phase electric motors, either slow (200 rpm) or fast (1400 rpm), flange attachment, shaft and propeller in PVC.

### Models

#### Slow mixers (200 RPM)

PVC - shaft 1100 - 0,12kW - 1 Phase

#### Fast mixers (1400 RPM)

PVC - shaft 1100 - 0,12kW - 3 Phase



## Tanks - SER

Tanks - SER 50

Tanks - SER 100

Tanks - SER 250

Tanks - SER 300

Tanks - SER 500

Tanks - SER 1000



## PP Tank Reinforcement - SML series

Tanks - SML 100

Tanks - SML 250

Tanks - SML 300

Tanks - SML 500

Tanks - SML 1000





# Surface Cleaning Product Range

Warewash & Kitchen

Laundry

Dilution Control

Cleaning & Disinfection

Foaming Systems

Spray Systems

Refill Range



# Product Overview

## Dilution Control



### Applications

- Washrooms
- Changing Rooms
- Bedrooms
- Pot & Pan Washing
- Floor Cleaning
- Butchery
- Office Cleaning
- Delicatessen Counters

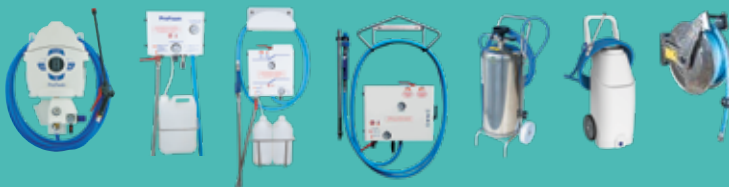
## Cleaning & Disinfection



### Applications

- Washrooms
- Delicatessens
- Food Preparation Kitchens
- Abattoirs
- Changing Rooms/Showers
- Wet Rooms
- Hospitals
- Veterinary Surgeons

## Foaming Systems



### Applications

- Warehouse
- Transport
- Walk-in chillers
- Food & beverage plants
- Food preparation areas
- Supermarkets
- Swimming pools

## Spray Systems



### Applications

- Car wash
- Transport
- Agricultural equipment

## Refill Range



### Applications

- Facilities management
- Retail parks
- Supermarkets
- Hospitals
- Warehouses

# ProMax

## Accurate dilution at the push of a button

ProMax features the latest in proportioning technology, reducing flow restriction and maximizing performance even in lower water pressure situations. It is the latest, most intuitive and cost effective dispensing system available on the market today.

By combining the revolutionary technology of patented hydrodynamics and user friendly, image enhancing features unique to ProMax, SEKO has produced the perfect solution for all institutional and light industrial chemical dilution applications.

### ProMax - Certifications



## Low maintenance

- Reduced service calls
- Robust housing and valve activating mechanism
- Robust hydraulic with 9 bar static pressure tolerance
- Auto-locking connection
- Auto-activating venturi
- Optional cartridge filter for poor water conditions to reduce water related service calls

## Project your company image

- 95% of the front panel available for proprietary graphics using underlays and removable clear faceplates
- No external stick on labels to peel or run from wear or unsightly chemical and water damage
- Customize the front panel to identify product and/or establish color coding for employee safety
- Print out small quantities of labels as needed to match your customers' product mix

## Easy to operate

- ProMax allows additional units to be easily added to an existing installation
- Wall bracket mounting eliminates need to open enclosure during installation for tool free mounting
- Accurate dilution rates; select from a full range of supplied metering tips

## Reliability

Robust materials and construction for maximum reliability:

- Magnetic solenoid type activating valve
- Tamper-proof housing and activation mechanism
- 4-product selector valve uses a mechanical seal, elastomer free technology for full chemical compatibility
- Auto-activating venturi requires no downstream restriction to create back pressure
- Backflow prevention offers effective protection while minimizing flow restriction

# ProMax

Accurate dilution at the push of a button



## Patented technology

ProMax combines state of the art patented technology with innovative user friendly features

- Modularity for maximum versatility
- Space saving design
- Quick, easy, tool free installation
- Pick up and discharge tubing included for fast easy connection to inlet and outlet fittings

## Models available

Models available to safely and efficiently fill small, medium and large containers with accurately diluted solutions from chemical concentrates

- Spray Bottle (flow rate 4 l/m)
- Mop Bucket (flow rate 14 l/m)
- Floor Scrubber (flow rate 30 l/m)

## Pro Max Flex Gap

**Pressure:** 1 - 9 bar

### Grey venturi

**Flow rate:** 4 l/min

**Dilution ratio:** 2.4:1 - 625:1

### Yellow venturi

**Flow rate:** 14 l/min

**Dilution ratio:** 4.9:1 - 1000:1

### Blue venturi

**Flow rate:** 30 l/min

**Dilution ratio:** 24.2:1 - 2000:1

## Pro Max Air Gap

**Pressure:** 1 - 9 bar

### Grey venturi

**Flow rate:** 4 l/min

**Dilution ratio:** 3.13:1 - 417:1

### Yellow venturi

**Flow rate:** 16 l/min

**Dilution ratio:** 7.80:1 - 1429:1

## Features

Available in either 1 or 4-product versions

Revolutionary patented hydrodynamic technology sets a new industry standard of performance and reliability

Modular and flexible for maximum versatility in kitchens, laundry, janitorial services and commercial cleaning

Efficiently fills small, medium and large containers with accurately diluted ready-to-use solutions from chemical concentrates

Valuable space for personalized branding or customized communication without costly printing minimums and set up charges

Flow rate 4 – 30 l/min



# ProMax

## Features

Robust and durable  
PP enclosure

### Cartridge filter

The optional head filter, enhances filtration where needed in troublesome water conditions reducing service calls.



The filtration is independent of the number of units in line.

### 4 product selector

The newly designed 4 product selector valve has no O rings and is elastomer free. It offers the highest resistance to the widest range of chemicals.

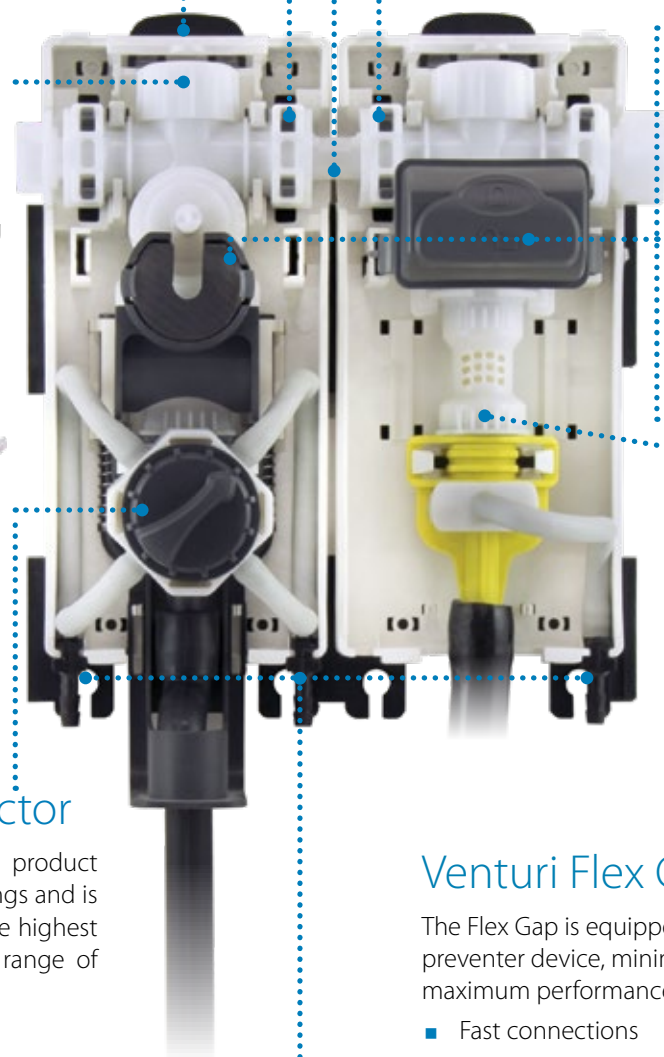
### External tip seat

The product suction fittings are located outside, where the tips are also inserted.

- Accurate dilution rates
- Select from a full range of supplied metering tips



### Auto-locking connection



### Tamper proof

housing and activating mechanism



### Magnetic solenoid type activating valve

The large membrane activation ensures perfect operation, up to 9 bar pressure and 70°C

## Venturi Flex Gap Version

The Flex Gap is equipped with a patented backflow preventer device, minimizing restriction and ensuring maximum performance.

- Fast connections
- Three colours for three different flow rates:
  - Grey Low
  - Yellow Medium
  - Blue High
- Same size discharge hose for all models
- Single product units can be easily converted to a four-product model in the field
- Fully interchangeable parts
- Tool free maintenance

## Also available in Air Gap version

- Two colours for two flow rates
  - Grey Low
  - Yellow Medium



# ProDose-R

## Easy and affordable control and dosing accuracy

Where accurate, consistent and user-friendly dosing of detergents and sink sanitizers is required, SEKO's ProDose-R chemical dispensing system is the professionals' choice. This robust, resilient unit delivers a precise measurement of chemical every time via a large, spring-loaded dispensing button which may be colour coded to assist users with product identification.

ProDose-R features a choice of six dosing settings – adjustable in a matter of seconds – along with larger-diameter fittings and 3/8" tubing to offer improved performance with high-viscosity products. Courtesy of its smart bracket, ProDose-R is compatible with standard fittings and may be installed without the need for a drill if replacing an existing chemical dispensing system.

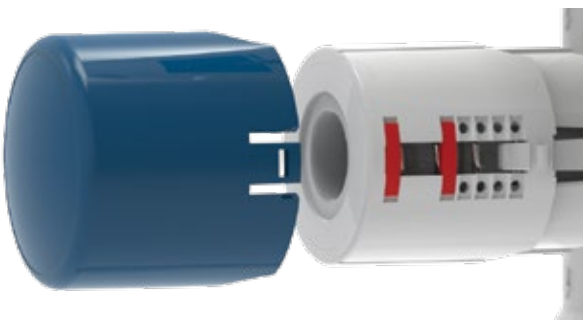


## Improved fast stroke regulation

An enhanced cap provides ready access to the red adjusting pins while remaining secured during use.

## 6 different dosage settings

- Ranging from 5 - 30cc per stroke
- No need to open the pump to set dosage



## ProDose-R

**Overall Dimensions:** H 22.9cm x W 18.4cm x D 14cm

**Hose:** 10mm ID - 14mm OD

## Features

Larger diameter fittings and tubing improves performance with high viscosity products (>1500Cps)

Strong, flexible, impact-resistant discharge tube

Made from durable polypropylene for excellent chemical compatibility

Easy maintenance: unscrew the locknut, remove the fitting and replace the valve

Double O-ring seals. Available in EPDM, FPM or silicone models to suit various chemical applications

Valves are the same for left and right

Modular tube stiffeners ensure chemical drums are fully drained

# SekureMax

## Simple and safe chemical storage

Safe storage is a crucial element of any chemical dispensing system, which is why SekureMax from SEKO is one of the most trusted solutions on the market today. This secure, lockable cabinet stores a range of container sizes up to 5 litres (1.2 gallons), protecting staff from exposure to concentrated chemicals while maintaining an organized, professional appearance in any chemical dispensing station.

Combining accessibility with a low total footprint due to its superior modular design, SekureMax's mounting bracket system means it's quick and easy to install while providing compatibility with SEKO's ProMax and SekureDose ranges. Meanwhile, SekureMax's customizable front panel allows for product identification, safety information or company branding to be displayed for a bespoke chemical storage solution.



### SekureMax 5l

**Dimensions:** H 36.3cm x 22.6cm x 17.5cm



### SekureMax 2.5l

**Dimensions:** H 24.1cm x 17.3cm x 17.5cm

## Features

Semi at pack, folding design helps drive cost savings during shipment and reduces space required for stock holding

Robust ABS lockable cabinet provides space for variable sizes of chemical container

Customizable front panel allows contents to be displayed or may be used for branding

The mounting bracket system provides superior modularity and compatibility with the ProMax and

SekureDose ranges as well as ease of installation

Smart design that remains easy to clean

Lockable with revolving plug or universal plastic key



# SekureMax

Simple and safe chemical dosing

Foldable

Reduces shipping costs and required stock space.



Dilution Control

## Modularity

Flexibility and modularity enables site-specific installation.



## Custom solutions

Promote your brand (or your customer's) or use the custom options to focus on health and safety and correct product usage. A neat, simple design ensures SekureMax can always be kept clean, promoting a professional image.



# SekureDose

## Simple and safe chemical dosing

SekureDose combines the best of SEKO's wall-mounted chemical storage and dosing systems and is the ideal all-in-one janitorial chemical dispenser for filling sinks, spray bottles and mop buckets reliably and efficiently. Comprising a robust, spring-loaded dosing button built into a lockable cabinet, SekureDose allows chemicals to be conveniently and securely stored and delivered via the flexible impact-resistant dispensing spout.

With six easily-adjusted dosing settings to choose from (5 – 30cc or 0.17 – 1 oz), SekureDose users don't waste a drop of chemical, while colour-coded caps and custom labels allow operators to clearly indicate product type or display branding or safety information. Installation is practically tool-free and requires no electrical connection, while SekureDose's flexible, modular design allows for the system to be extended with additional units for multiple product dispensing.

Three model types provide solutions for bucket fill, trigger bottle fill and sink filling.

- Easy calibration
- No electrical connection or water supply required
- Modular flexibility
- Capacity 5l, 2 x 2l, 3 x 1l and 2.5l



## Features

Lock-out mechanism to avoid over consumption

Robust ABS lockable cabinet includes the dispenser and variable sizes of chemical packaging

System can be extended using additional units for multiple product dosing

Flexible shockproof spout

Variable stroke rates available through pin selection

No contact between the spring and chemical, available as standard with EPDM seal: optionally available with FPM or silicone

Three versions available: sink, bucket and bottle filling – with adjustable-height bottle tray.

Mop bucket filling



Sink filling



Trigger bottle filling with adjustable-height bottle stand



# SekureDose

## Simple and safe chemical dosing

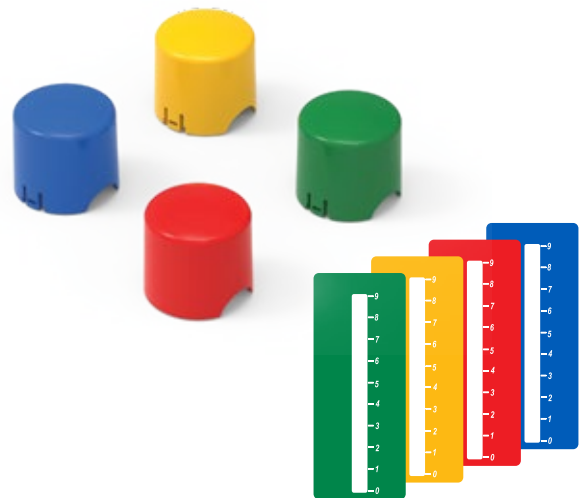
### Easy installation

Simply fix to the wall, insert the chemical container and start to use.



### Custom solutions

- Lock the cabinet either with a revolving plug or universal plastic key
- Wide customization capacity: coloured caps and custom labels help make SekureDose even easier and more intuitive for the end user



### Modular tube stiffener

Ensures the feed tube draws from the very bottom of the chemical container, minimizing waste and delivery issues.

### Improved check valves

- Easy maintenance: unscrew the locknut, remove the fitting and replace the valve
- Double O-ring seals
- Valves are the same for the top and bottom side

### SekureDose 5l

**Dimensions:** H 54cm x 22.6cm x 17.5cm

**Trigger Bottle:** H 82.9cm

**Mop Bucket:** H 31.8cm x D 25.7cm

### SekureDose 2.5l

**Dimensions:** H 45.6cm x 17.2cm x 13.9cm

**Trigger Bottle:** H 74.4cm

**Mop Bucket:** H 31.8cm x D 25.7cm

### Fast stroke regulation

The large cap provides easy access to the stroke regulating pins whilst remaining secure during use

### 6 different dosage settings

Ranging from 5 - 30cc per stroke



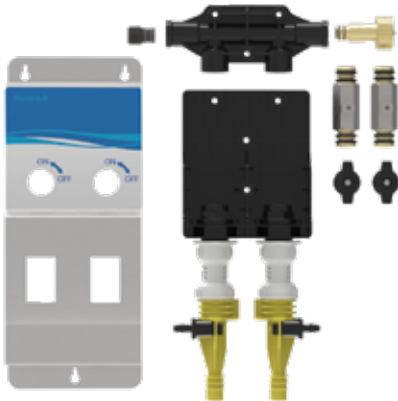
# ProSink-R

## Accurate dilution straight to your sink

ProSink-R is a chemical dispensing system that automatically and consistently mixes the precise amount of detergent and sanitizer with water at the turn of a knob, conveniently filling large sinks with accurately-diluted solution.

ProSink-R boasts a robust, smooth and easy-to-clean stainless steel enclosure and features a customizable front cover. With a direct connection to the water source and no electric power or compressed air needed, it produces accurately-diluted chemical simply and quickly via a fill tube.

Offering single or double chemical product options and with a variable flow rate, operators can choose from 15 mixing ratios for accurate, effective dosing. Naturally ProSink-R comes equipped with an ASSE 1055- certified backflow prevention device to UPC and CSA standards.



## Easy access

Removing the valve knobs, the system can be opened for access to the hydraulic circuit where maintenance can be performed and water inlet direction changed.

### ProSink-R Flex Gap

<b>Pressure:</b>	1 - 9 bar
<b>Max Temperature:</b>	60°C
<b>Gray Venturi</b>	
<b>Flow rate:</b>	4 l/min
<b>Dilution Ratio:</b>	2.9:1 - 1000:1
<b>Yellow Venturi</b>	
<b>Flow rate:</b>	14 l/min
<b>Dilution Ratio:</b>	5.5:1 - 2000:1



## Features

- Ball valve operation
- No need to hold or lock a button
- Smooth, ergonomic surface and customizable front cover
- Rugged stainless-steel enclosure
- Strong, long lasting and easy to clean
- Installs easily with two or three screws
- "Quick-connect" manifold ensures quick and easy maintenance
- Direct connection to water supply
- Integrated backflow prevention

### ProSink-R Air Gap

<b>Pressure:</b>	1 - 9 bar
<b>Max Temperature:</b>	60°C
<b>Gray Venturi</b>	
<b>Flow rate:</b>	4 l/min
<b>Dilution Ratio:</b>	3.27:1 - 667:1
<b>Yellow Venturi</b>	
<b>Flow rate:</b>	16 l/min
<b>Dilution Ratio:</b>	7.56:1 - 1667:1



# ProFaucet

## Makes your tap count

ProFaucet is an inexpensive and highly reliable proportioning device. With minimum investment the ProFaucet provides excellent chemical consumption and cost control.

ProFaucet is extremely safe and eliminates manual mixing, preventing unnecessary direct contact with concentrated chemicals while helping prevent chemical wastage and excessive costs.

ProFaucet's full brass nickel-plated body is made for reliability and long life. Consistent performance makes it suitable for almost any pot & pan application.



## Simple to use

With the water on, the user simply pushes a button and releases it to allow the system to mix the chemical into the flow in the desired ratio.

When the water is turned off, the button automatically releases to provide fresh water when the faucet is reactivated.

Compact and easy to install:

- Remove the faucet aerator
- Screw the ProFaucet onto the threaded outlet
- Connect the chemical

## ProFaucet

<b>Flow rate:</b>	10.2 l/min
<b>Dilution Ratio:</b>	6.5:1 - 1125:1
<b>Pressure:</b>	0.5 - 6 bar

## Features

With minimal investment, ProFaucet helps reduce chemical consumption and improve cost control

Mo more manual mixing, eliminating unnecessary direct contact with concentrated chemicals

Via elementary manual dosing, ProFaucet reduces the risk of excessive chemical consumption and associated cost

Updated, modern design

Easy to install and use

Accurate and reliable

Durable and convenient

# ProTwin

## Professional spray and foaming system

Featuring SEKO's recognized precision and consistency in chemical dilution, the HACCP-compliant ProTwin spray and foam cleaning system allows users to achieve the highest standards of surface cleanliness and sanitization in food-preparation areas.

ProTwin automatically mixes and dispenses concentrated detergents and sanitizers and enables users to clean and rinse vertical surfaces and awkward-to-reach areas courtesy of a powerful jet that sprays up to four metres high.

Meanwhile, an ergonomic wand attachment means users can apply wet foam to surfaces for extended contact time and outstanding cleaning performance, while an adjustable spray pattern gives users even greater control of their cleaning regime.

With a clean, professional look, ProTwin comes with built-in hose storage a sturdy selection dial that's easy to use, even with wet gloves.



### Features

- Adjustable spray pattern
- Separate selectable chemical position eliminates risk of chemical crossover
- Unsurpassed foam quality when equipped with foam wand
- Engineered eductors ensure accurate proportionate dosing and are easy to clean and replace
- Intuitive ergonomic design for user-friendly operation
- Three functions: spray/foam and rinse up to 50°C tolerance
- Multi-layer hose improves flexibility and chemical resistance, see page 30 for further information

### ProTwin

<b>Pressure:</b>	1.5 - 6 bar
<b>Black Venturi</b>	
<b>Flow rate:</b>	10 l/min
<b>Dilution ratio:</b>	5.3:1 - 551:1

## Adjustable spray pattern & thick foam all in one

Without foam wand



Without foam wand



With foam wand



# ProWash

## Cleaning & disinfection spray station for of hard washable surfaces

ProWash is a chemical spraying system that continuously and automatically mixes the correct quantity of chemicals to clean and/or sanitize large areas in commercial kitchens, supermarket preparation and food industry plants.

ProWash's simple and rugged design is fully compliant with HACCP regulations and helps reduce water and chemical waste, preserving the environment and reducing operational costs. Using materials known for their robustness and chemical compatibility, ProWash features high-performance suction for optimal operation in all working conditions with an operating temperature of up to 50°C.

Available in one or two products with optional BA disconnecter and stainless steel or plastic hose reel:

- ProWash "1 product" for clean/rinse operations
- ProWash "2 products" for clean/rinse/sanitize operations



## Features

Dosage of one or two chemicals and rinse

Installation kit included and complete with mounting and suction accessories, inlet hose, discharge hose, gun and tank holder

Available versions:

- 1 product
- 2 products
- 1 product with BA disconnecter
- 2 products with BA disconnecter

Multi-layer hose improves flexibility and chemical resistance, see page 30 for further information

## ProWash

<b>Max temperature:</b>	50°C
<b>Pressure:</b>	from 2 - 6 bar
<b>Dilution ratio:</b>	from 211:1 up to 11:1 (from 0.5% to 10.90%)

## Advantages

- Brass nickel-plated body for greater chemical resistance and robustness
- Internal venturi extractable and interchangeable, made of PP for high chemical compatibility
- High performance suction for optimal operation in all working conditions
- Two-product switch designed to be compatible with most chemicals
- Food-grade discharge hose
- Gun with adjustable spray, anti-shock and antithermal shock

# ProKlyn

## Essential spray system for cleaning & disinfection

The ProKlyn spray system has SEKO's traditional simple and rugged design, making it easily accessible and reliable. Conceived to clean and disinfect by spraying detergent and disinfectant solutions onto floors and other washable surfaces, ProKlyn also helps in reducing water and chemical waste while minimizing operational costs.

ProKlyn's brass venturi external body provides superior resistance and robustness, while its inner venturi is made of polypropylene for high chemical compatibility. It's also extractable and interchangeable, making for easy, quick maintenance and the system's high-performance suction guarantees optimal operation in all working conditions.

A simple, sturdy and economical spray system, ProKlyn is available in one or two products with optional BA disconnecter:

- ProKlyn "1 product" (on request) for clean/rinse operations
- ProKlyn "2 products" (standard) for clean/rinse/sanitize operations



## Features

Dosage of one or two chemicals and rinse

Installation kit included and complete with mounting and suction accessories, inlet hose, discharge hose, gun and tank holder

Available versions:

- 1 product
- 2 products
- 1 product with BA disconnecter
- 2 products with BA disconnecter

Multi-layer hose improves flexibility and chemical resistance, see page 30 for further information

## ProKlyn

<b>Max temperature:</b>	50°C
<b>Pressure:</b>	from 2 - 6 bar
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- Internal venturi is extractable and interchangeable and made of polypropylene for superior chemical compatibility
- High performance suction for optimal operation in all working conditions
- Two-product switch designed to be compatible with most chemicals
- Food-grade discharge hose
- Gun with adjustable spray, anti-shock and anti-thermal shock

# JetNeat

## Fast, easy, convenient surface cleaning and disinfection

The JetNeat system is the fastest, easiest and most convenient solution for washing, sanitizing and rinsing surfaces. JetNeat comprises a spray gun with a quick connector and a venturi with integrated chemical tank. Connected to the water tap by a flexible hose, the trigger gun is able to rinse courtesy of a freshwater powerful jet. Once the venturi is quickly applied to the outlet of the gun, JetNeat produces a mixing solution that can be foamed depending on the model and chemical used.

### Fits the need

JetNeat is perfect for a wide variety of applications, and by combining the various elements, an ideal solution can always be found.

- Wet rooms
- Shower facilities
- Kitchens
- Butcher shops
- Restaurants
- Supermarkets
- Health care sites
- Educational facilities
- Animal care

### JetNeat

Dilution Ratio:	1.10:1 - 250:1
Pressure:	1.5 - 6 bar

JetNeat  
2.5 Litre



JetNeat  
1.4 Litre



### Features

Dosage of one or two chemicals and rinse

Installation kit included and complete with mounting and suction accessories, inlet hose, discharge hose, gun and tank holder

Available versions:

- 1 product
- 2 products
- 1 product with BA disconnecter
- 2 products with BA disconnecter

Multi-layer hose improves flexibility and chemical resistance, see page 31 for further information



# ProSpray

## Spray system at the turn of a dial

The ProSpray cleaning and sanitation system automatically dilutes and dispenses concentrated cleaning products as a foam or spray. The spray system is easily and quickly converted into a foam system with the “quick-coupling” foam wand.

- Strong, long lasting and easy to clean rugged stainless steel enclosure
- Smooth and ergonomic surface, with no sharp edges
- Connection direct to the water source, no electric power or compressed air needed
- Space saving
- Quick and easy installation: no special tools required
- The system can dose one or two products
- Single or multiple chemical use
- 15 different mixing ratios can be easily chosen, making the dosing accurate and effective
- Fill tube designed to minimize excess foam

### ProSpray

<b>Flow rate:</b>	10 l/m (2.5 gpm)
<b>Dilution ratio:</b>	10:1 - 880:1
<b>Pressure:</b>	1.5 - 6.9 bar (22 - 100psi)



### Features

- No “Lock-Tite” threaded connections
- Simple maintenance thanks to “quick connect” manifold
- Non return valve and metering tips are easily accessible
- Brass fittings for hot water resistance, polypropylene injectors for chemical resistance, rugged stainlesssteel casing for secure mounting and durability.
- Suitable for use in food processing, dairy, transportation, industrial and agricultural industries.
- It can also be used: in supermarket meat rooms, seafood shops, butcher shops, automotive care areas, shower rooms

# ProTwin Foam Kit

## Professional spray and foaming system

- Utilizes ProTwin's single selector for detergent and sanitizing functions
- Generates surface-clinging dry foam for maximum contact time
- ProTwin's venturi maintains consistent chemical action and consumption
- Excellent for vertical surface cleaning
- Enhances the properties of foaming chemicals with the use of compressed air
- Multi-layer hose improves flexibility and chemical resistance, see page 30 for further information

### ProTwin Foam Kit

**Pressure:** 1.5 - 6 bar

#### Green venturi

**Flow rate:** 4 l/min

**Dilution Ratio:** 5:1 - 64:1

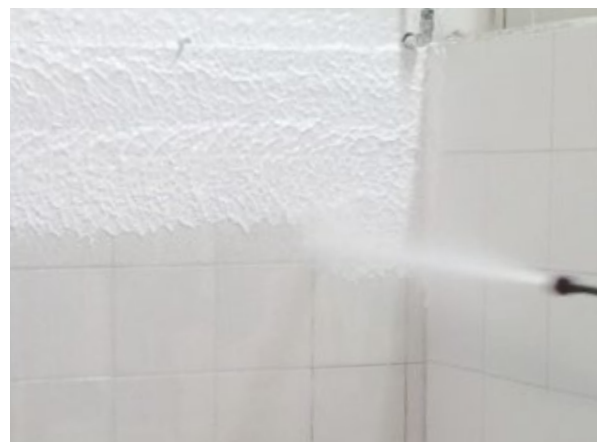
#### Yellow venturi

**Flow rate:** 5 l/min

**Dilution Ratio:** 10.3:1 - 93:1



With ProTwin Foam Kit



# ProFoam

## Dry foam system for difficult to clean surfaces

ProFoam is a chemical foam generator that offers constant automatic mixing of chemical with water, generating a thick creamy foam that maximizes contact time for deep disinfection of vertical or hard-to-reach surfaces. The foam's thickness also reduces water and chemical waste to help cut operational costs. Designed to meet HACCP requirements, it features a smooth, ergonomic and robust body and comes with a food-grade high-quality hose and foam lance.

The hose is comprised of industrial-grade materials and is certified for use in food industries, included the cleaning of foodstuffs transportation. Made up of five layers, it includes a polyester layer for extensive service life and a blue PVC anti-scuff exterior coating.



## Features

PVC cover: HACCP compliant, smooth, ergonomic and robust

Food grade high quality hose and foam lance

Hose rack incorporated

Installation kit included and complete with mounting and suction accessories, inlet hose, discharge hose, lance and tank holder

Multi-layer hose improves flexibility and chemical resistance, see page 30 for further information

## ProFoam

Max temperature:	40°C
Pressure:	Of air and water from 2 - 6 bar
Dilution ratio:	From 1.5% - 22%

## Advantages

- High-quality, dry foam
- Extended surface contact time for superb cleaning performance
- Low water consumption
- Requires no additional electrical power supply
- Optional BA device available if required
- EN1717 certified

# ProFoam-R

## Dry foam and rinse system for all round foam cleaning

Building on the success of ProFoam, SEKO's ProFoam-R has all the same design features and critical application uses but enhances the system with the addition of a rinse functionality. Like its counterpart, this equipment is supplied ready to install, built with a smooth, ergonomically-designed wall-mounted system which offers easy installation without the need for special tools.

The hose uses industrial-grade materials and is certified for use in food industries, included the cleaning of foodstuffs transportation. Made of five layers it includes a polyester layer for extensive service life and a blue PVC anti-scuff exterior coating. Designed to generate a rich creamy foam, similar to the shaving cream, to maximize the contact time. Reduces water and chemical waste thus preserving the environment and reducing operational costs.



## Features

PVC cover: HACCP compliant, smooth, ergonomic and robust

Food grade high quality hose, foam lance and rinse nozzle

Installation kit included and complete with mounting and suction accessories, inlet hose, discharge hose, lance, hose rack and tank holder

Multi-layer hose improves flexibility and chemical resistance, see page 30 for further information

## ProFoam-R

<b>Max temperature:</b>	50°C
<b>Pressure:</b>	Of air and water from 2 - 6 bar
<b>Dilution ratio:</b>	From 1.5% - 22%

## Advantages

- High-quality dry foam
- Extended contact time for a deeper clean
- Reduced water consumption
- Requires no additional power supply
- EN1717 certified

# ProMulticlean

## Wet foam system

As with the rest of the SEKO foam range, ProMulticlean is a chemical foam generator that constantly and automatically mixes the correct quantity of chemical to generate a high-quality dry foam for deep cleaning of vehicles that regularly transport foodstuffs, livestock and frozen or chilled goods. Suitable for use with two chemicals, ProMulticlean also comes with an optional BA device.

The hose uses industrial-grade materials and is certified for use in food industries, included the cleaning of foodstuffs transportation. Comprised of five layers it includes a layer in polyester for additional lifetime and a blue PVC anti-scuff exterior coating.



## Features

PVC cover: HACCP compliant, smooth, ergonomic and robust

Food grade high quality hose, foam lance and rinse nozzle

Installation kit included and complete with mounting and suction accessories, inlet hose, discharge hose, lance, hose rack and tank holder

Multi-layer hose improves flexibility and chemical resistance, see page 30 for further information

## ProMulticlean

**Max temperature:** 40°C

**Pressure:** Of air and water from 2 - 6 bar

**Dilution ratio:** From 1.5% - 22%

## Advantages

- High-quality dry foam
- Extended contact time for a deeper clean
- Reduced water consumption



# Foam Cannon

## Professional Cannon

SEKO's Foam Cannon is a pressurized mobile system that produces a rich, thick foam for surface cleaning on the move. Designed to be simple and practical to use, the Foam Cannons premixes the chemical with water to create a cleaning or disinfecting solution and thereafter needs only a constant connection to compressed air to operate.

Equipped with a lance and dosing tube, the Foam Cannon comes in 24 or 50-litre models and is available in both stainless steel and painted versions.



## Features

The chemical is premixed with water, meaning the system needs only a compressed air supply to operate

Equipped with lance and dosing tube

24 or 50-litre models available

Stainless steel available

Working air pressure 8 bar

Not connected to a water supply and no special certifications required

## Foam Cannon

Working air pressure: 8 bar

# ProKart

## Mobile Foam Cannon

Designed to provide high performance in the cleaning of vertical and non-flat surfaces, ProKart is perfect for use in food and beverage production areas where portability is essential. Thanks to the air-driven pump, users can generate a rich, thick foam from a premixed non-pressurized solution that provides comprehensive coverage of surfaces along with extended contact time for superior cleaning and disinfection performance.

ProKart requires only a compressed air supply for operation and is very simple to maintain, making it one of the most convenient surface-cleaning solutions of its kind.



### Features

- Dry foam
- Equipped with a lance and delivery tube
- No electrical connection required
- Portable
- 38 or 95-litre models available

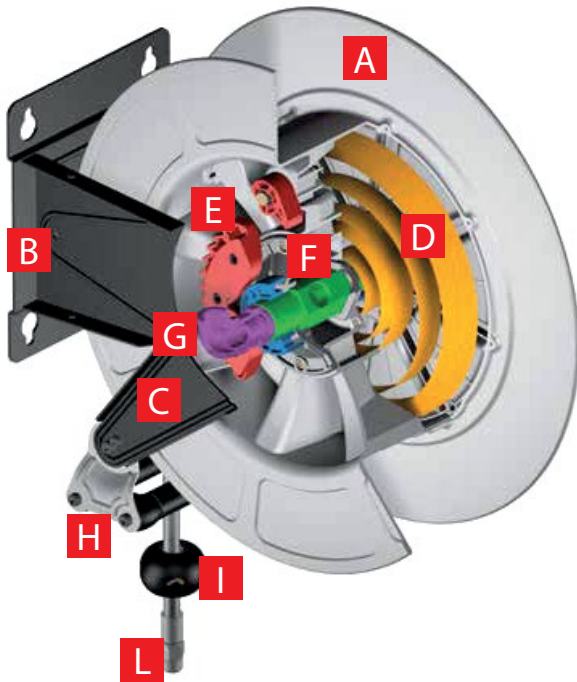
### ProKart

Working air pressure:	2.7 - 5.5 bar
Pump flow rate:	19 l/m FPM or Santoprene
Delivery hose:	9 metres
Solution temperature:	5 - 37°C

# Automatic reel, manual, stainless or plastic

## Automatic retractor, a quick and simple solution for hose storage

Recommended for applications in contact with water and in demanding environments, the automatic winder helps create a clean and ordered work space. Automatic hose reeling is quick and safe, and the hose is protected against wear.



### Advantages

- A Drum: Solid and practical in 18-10 stainless steel and impact-resistant ABS
- B Attachment and arm: Stainless steel 18-10
- C Adjustable arm that helps feed out the hose dependent on the installation
- D Fully-enclosed and protected reel spring
- E The auto-stop system allows hose length to be fixed
- F Self-lubricating, solid and corrosion-resistant brass holder
- G Swivel fitting in brass
- H Self-lubricated hose guide: wide multi-channel opening
- I Adjustable stop
- L NITO quick coupling

Reels are a practical solution to overcome space constraints as the winding mechanism ensures the hose is always pulled back out of the way. The reels also prevent undue wear and breakage of the hose. Several options are available depending on the model: hose length, one or two-product dilution kit, spray guns, drum holder, pivoting support and backplate.

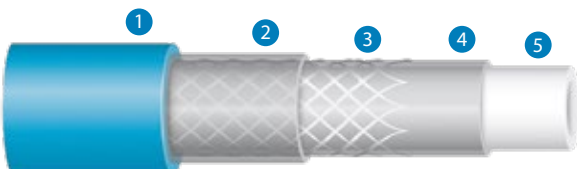
### Fixed support

The solid and compact fixed mount built into the reel comes with eyelet attachment holes for easy and secure installation. Using the template provided means fixing holes can be easily pre-marked for neat installations.

### Swivel stand

An option that allows a quick and easy installation of the reel as well as a right and left rotation.

## Multi-layered hose



Resistant hose up to 70°C at 20 bar

- 1 Non-marking, grease-resistant, light blue exterior coating
- 2 Intermediate layer of adhesion in soft PVC
- 3 Polyester textile reinforcement
- 4 Intermediate layer of adhesion in soft PVC
- 5 White interior in soft PVC

### Thermoclean AI 20 Advantage

Evolution is provided by the dual layer design and overlap compared to the old single-layer design:

- Improved flexibility thanks to an adjusted internal wall thickness (white layer which provides temperature resistance) and the introduction of a more flexible crystal layer
- Optimized chemical resistance due to the concentration of protective agents in the blue layer instead of being dispersed throughout the entire hose

# Pro Reel Premium

Stainless steel winder



## Features

Vertical or horizontal installation

Optional stainless-steel swivel bracket for easy hose use

Blue food-grade hose available in 10 or 15-metre lengths

Integrated dosing kit option for one or two products

# Pro Reel Premium Evo

Stainless-steel reel drum ABS



## Features

Meets HACCP requirements

Light and hygienic

Cleaning hose blue food-grade or black industrygrade in 10, 15 or 20-metre length

Integrated dosing kit option for one or two products

# Pro Reel Industry

Stainless-steel reel



## Features

Suitable for vertical or horizontal installation

Optional stainless-steel swivel bracket for easy hose use

Supplied with or without 15 or 20-metre hose

Option swivel bracket for 15 or 20-metre retractor

# ProPulv

## Automotive spray system

ProPulv is a single-product spray system designed to apply pre-wash shampoos or detergents to cars, trucks and other such vehicles. Designed for operation in the automotive industry, ProPulv includes a backflow preventer and fulfils basic requirements for potential use in food vehicle-contact applications. The system can be assembled on a trolley, adding portability to its list of features.



## Features

PVC backplate: smooth, ergonomic and robust

Stainless steel lance and high quality hose

Hose rack incorporated

Installation kit included and complete with mounting and suction accessories, inlet hose, discharge hose, lance and tank holder

## ProPulv

Max temperature: 50°C

Pressure: from 2 - 6 bar

Water consumption: 4.2 l/min

Dilution ratio: from 0.5 - 12.9%

# ProNet

## Automotive rinse-aid system

ProNet is a single-product spray system designed for applying rinse-aid solutions to cars, trucks and other vehicles. The system reduces water and chemical waste - helping to cut operational costs - and can also be assembled on a trolley as a mobile solution.

ProNet is connected directly to the water supply and offers reduced maintenance costs thanks to quick and tool-free replacement of consumable parts such as injectors or valves.



## Features

- PVC cover
- PVC lance and high quality hose
- Hose rack incorporated
- Installation kit included and complete with mounting and suction accessories, inlet hose, discharge hose, lance and tank holder

## ProNet

Max temperature:	50°C
Pressure:	from 2 - 6 bar
Water consumption:	7 l/min
Dilution ratio:	from 0.4 - 20.8%



# ProDual

## Automotive combined spraying & rinsing system

ProDual is a two-product spraying system designed to apply pre-wash shampoos or detergents and spray rinse-aid solution on cars, trucks and other vehicles. The system reduces water and chemical waste, helping cut operational costs, and can be assembled on a trolley for an even more convenient solution.

The system is connected directly to the water supply and helps reduce maintenance costs thanks to quick and tool-free replacement of consumable parts such as injectors or valves.



## Features

PVC cover

Stainless steel and PVC lance and high quality hose

Hose rack incorporated

Installation kit included and complete with mounting and suction accessories, inlet hose, discharge hose, lance and tank holder

## ProDual

Max temperature: 50°C

Pressure: from 2 - 6 bar

Water consumption: 4.2 - 7 l/min

Dilution ratio: Wash 0.5 - 12.9%  
Rinse 0.4 - 13.4%

# ProAcid

## Automotive spraying system for strong acid and alkaline chemicals

ProAcid has been specifically designed to spray aggressive detergents or acid chemicals in several sectors including transportation cleaning, with the system ideal for cleaning wheel rims or engine bays where applicable. As such, ProAcid has been engineered with a PVDF venturi and PVC lance for exceptional resistance to highly concentrated aggressive chemicals.

The hose is made from high-quality industrial-grade materials, featuring a triple layer for added protection. An internal layer is reinforced with polyester for extended lifespan while the outer coating is made of supple PVC for additional flexibility. The system is connected directly to the water supply and helps reduce maintenance costs courtesy of quick and tool-free replacement of consumable parts such as injectors or valves.



### Features

- PVC cover: HACCP compliant
- PVC lance and high quality hose
- Hose rack incorporated
- Installation kit included and complete with mounting and suction accessories, inlet hose, discharge hose, lance and tank holder

### ProAcid

Max temperature:	20°C
Pressure:	from 2 - 6 bar
Water consumption:	4.2 l/min

# Spray Cannon

## Automotive spraying system

Ideally suited to food industries or industrial kitchens, as well as the automotive sector, SEKO's Spray Cannon can be used for applying detergents as well as disinfectants where appropriate. Its portable, compact dimensions make the Spray Cannon suitable for applying a prewash solution where soilage is heavier. The system requires constant connection to a compressed air source to function, and comes equipped with a lance and dosing tube. The Spray Cannon comes in 24 and 50-litre models and offers a practical mobile solution.



## Features

The chemical is premixed with water and the system only requires a compressed air supply to operate

Equipped with lance and dosing tube

24 or 50 litre models available

Painted stainless steel

Working air pressure 8 bar

## Foam Cannon

Working air pressure: 8 bar

# ProFill Premium

## Quick refill system with rinse option

ProFill Premium is a chemical dispensing system that constantly and automatically mixes the desired quantity of chemical for refilling scrubber dryer machines via a delivery gun.

Designed with the busy cleaning operator in mind, ProFill Premium is focused on simplicity in use. It's quick to connect and easy to install, while helping to reduce operational costs.



## Features

Function refilling and rinse

PVC cover: smooth, ergonomic and robust

High flow discharge gun

Hose rack incorporated

Installation kit included and complete with mounting and suction accessories, inlet hose, discharge hose, lance and tank holder

## ProFill

Max temperature: 50°C

Pressure: from 2 - 6 bar

Flow rate: 15 l/m

Dilution ratio: from 0.2% - 16%

## Advantages

- Easy to install: no need for special tools
- Quick couplers for greater versatility
- Reduced maintenance thanks to the blue venturi insert: no need to disassemble the whole system
- Smart solution for refilling scrubber dryer machines courtesy of the white plastic chemically-compatible dispensing gun
- Available with rinse position (supply of clear water only)

# ProFill

## Easy to use refill system

ProFill is a chemical dispensing system that constantly and automatically mixes the desired quantity of chemical for refilling scrubber dryer machines via a delivery gun. It has been also designed to be HACCP compliant, with a smooth, ergonomic and robust outer case.



## Features

Function refilling and rinse

PVC cover: HACCP compliant, smooth, ergonomic and robust

High flow discharge gun

Hose rack incorporated

Installation kit included and complete with mounting and suction accessories, inlet hose, discharge hose, lance and tank holder

## ProFill Premium

Max temperature: 50°C

Pressure: from 2 - 6 bar

Flow rate: 15 l/m

Dilution ratio: from 0.2% - 16%

## Advantages

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- Smart solution for refilling scrubber dryer machines courtesy of a white plastic chemically-compatible dispensing gun
- Available with rinse position (supply of clear water only)

# ProFill Tower

## The rapid refill system for automatic floor washers

ProFill Tower is a high-flow-rate chemical distribution system that constantly and automatically mixes the correct quantity of chemicals with water to refill floor washers in circumstances where there is no regular connection to the water mains. With its direct connection to the water mains, this gravity-operated refill station requires neither power nor compressed air. Maintenance requirements are reduced as a result of the venturi that avoids the need to take apart the entire system when the suction system requires cleaning.

This is an intelligent solution to quickly refill floor washers, thanks to the plastic ball valve and 2" outlet hose. ProFill Tower offers up to 15 different dilution rates, easy to select using the colour-coded adaptors.



## Features

Fast refill

Tank capacity: 320 litres (84.5 gallons)

Requires neither power nor compressed air for operation

One-product version: the chemical and the water are automatically mixed by the venturi

Colour-coded inserts enable 15 different dilution rates, for accurate dosing and cost-effectiveness





# ProFill Eko Tower

## A simple and quick solution for refilling floor washing machines

ProFill Eko Tower is a distribution system that automatically mixes the correct quantity of chemicals with water to prepare a ready-to-use solution for refill floor-washing machines.



### Features

High tank capacity: 200 litres (53 gallons) of ready-made and ready-to-use chemical solutions

Requires neither power nor compressed air for operation

The magnetic float valve and venturi automatically control the level of mixing, ensuring the right quantity is always ready to go

Ball valve with ON/OFF input to switch off the system at the end of the shift

Robust carbon steel shell for increased longevity

Polyethylene tank for maximum chemical compatibility

Simple, intuitive and low maintenance

Backflow device prevents contamination of drinking water

## Notes





# Your Choice, Our Commitment

People choose to do business with SEKO for one or more reasons, but ultimately it is their choice, and therefore they merit our commitment. "Our commitment" is total and not only to our customers, but also to each other and the Company's to its employees.

## Vision

TO BE YOUR PARTNER  
OF CHOICE FOR DOSING  
SOLUTIONS, GLOBALLY

SEKO, is a passionate, dedicated Global Family of Professionals. We listen to each of our Partners and are committed to deliver the right solution in the Hygiene, Water Treatment and Industrial Process markets.

## Values

MUTUAL RESPECT, QUALITY  
AND SPIRIT OF COLLABORATION

### MUTUAL RESPECT

Mutual Respect because doing business is about being able to generate trust between Customer and Supplier. We'll deliver against our commitments, on time and in a transparent fashion, so you know can plan for your own business needs.

### QUALITY

Quality for SEKO is a 360° reality. It covers not only the design, development, production and delivery of our products and solutions but it runs through the core professionalism of our teams.

### SPIRIT OF COLLABORATION

Spirit of Collaboration is fundamental to our success and SEKO prides itself on how we work as a worldwide team, blending multiple country teams and functions to bring solutions to a Customer request or market need from an idea to the real world in very short time, across our global presence and beyond.



# 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 renowned 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](http://www.seko.com)

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