

Solutions for **Kitchen**



Your Choice, Our Commitment





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 & Beverage, Water & Gas Utilities Potable and Waste Water 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 3 business units, Cleaning & Hygiene, Water & Industry and Industrial Processes puts 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.

Kitchen Hygiene

Keeping you, your customers and your brand safe

Faced with the challenge of keeping your food service operation clean and hygienic as well as ensuring the safety of your staff along with problem free proper functioning of your equipment is a complex business. Accurate, reliable dosing management of the chemicals in your warewash and glasswash is just one aspect that you need to be able to count on. SEKO has a range of liquid and powder dosing pumps for under counter, hood and flight machines to suit most applications including the provision for data management of your operation.

SEKO's surface cleaning systems for kitchens replicate this same accuracy of dilution as well as staff safety and ergonomic design meaning that your operation, however large, can be kept hygienically clean whatever the surface. Our ranges all offer SEKO's renowned attention to detail for precision, safety, reliability, ease of use and affordability. Today, SEKO has built a worldwide reputation as a leader in the world of Dosing and Dilution Solutions.

Exploiting our market experience, we design, develop, test and manufacture products 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, impervious to fluctuations in water pressure, to guarantee an effective result, in turn providing the security for a given business brand key both for a commercial laundry, as much as for its customers.

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 through careful design using chemically compatible materials, and a wide range of tubes ensuring durability and consistency of dosage, along with Transaxle technology on some systems that prolongs motor life. Our pumps offer IP65 enclosure and our dilution systems are secure providing peace of mind. Reliability drives good safety, and all SEKO's products are all 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, and that we use uniform programming language solutions that are intuitive and easy to understand, in whatever language you speak.

Operational Efficiency

Managing a business' costs are key to a profitable operation. Designed a low overall total cost of operating in mind, SEKO's systems not only offer features that benefit dilution accuracy, but also feature low maintenance profiles and in the SekureMax range even offer semi flat pack design to help reduce logistics and storage costs, just another example of our practical attention to detail.



Industry Information

Since food hygiene ratings were introduced, cleanliness levels of the food service sector have become a matter of public record with access to establishment information readily available through government websites or social media. The increased awareness of food hygiene standards and rising customer expectations are putting businesses under mounting pressure to achieve a 5 star rating. Those businesses failing to reach good levels suffer at multiple levels beyond the legal fines of poor hygiene. But hygiene can also now be traced back through the entire food chain from farm to fork, so high levels of cleanliness are now a perquisite to do business.

A Checkit report in the UK revealed the lasting damage poor scoring can inflict on hospitality businesses with poor hygiene practises.*







66% of respondents to the Checkit survey declared an unclean or dirty premise would be the main reason they would not return to a hospitality business, which was secondary to a low food hygiene rate at 57%. And the evidence suggests if they don't come back, they never will.

The cleanliness of your premises is a clear indicator of food hygiene standards, and so ensuring that front of house is clean reassures customers that back of house is too.





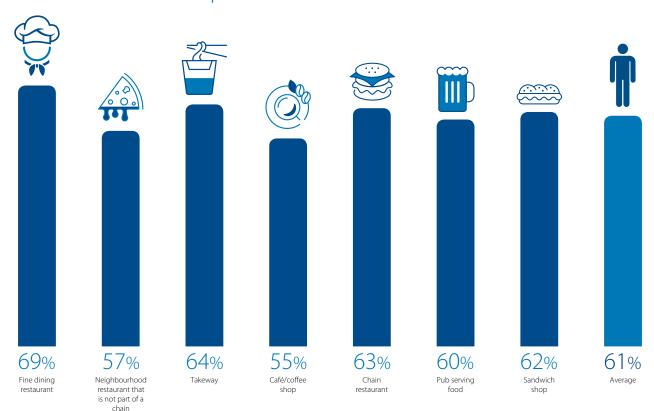
Kitchen Hygiene

SEKO has a range that has you covered though whichever part of the kitchen you look at. Our peristaltic dosing systems offer accurate dosing of detergent and rinse aid into warewash machines of all sizes, from the smallest under counter unit through to the larger flight machines. While our P series is also ideal for glass wash machines. All our pumps offer simple installation and connection while safety and reliability are assured thanks to polypropylene or ABS enclosures that meet IP65 classification. Ease of use and low operating costs are provided thanks to design features such as stepper motors and Transaxle technology that provide respectively precision and motor and tube life longevity.

If manual pot and pan washing is the principal method of cleaning, then ProDose-R, ProFaucet or ProSink are ideal partners. Simple to install and to use systems that accurately dose liquid detergent into sinks, ensuring minimal contact with the concentrated cleaning product and minimizing waste through inaccurate dosage.

For surface cleaning and disinfection SEKO's ranges include SekureDose, providing the best all in one solution to dosing concentrated cleaning chemical for surface cleaning and disinfection, while ProTwin offers solutions for large surface area cleaning and disinfection, and JetNeat brings portability offering the fastest simplest method to clean and disinfect remote locations/surfaces.

Would a poor Food Hygiene Rating affect your choice of restaurant, café or sandwich shop?*





61% refuse to visit any type of restaurant with a low food hygiene rating. Just 9% said they'd ignore the food hygiene rating.*

*The financial impact of poor food safety management 2016



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 with high 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/Pass Through Warewashers

Hood type/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, the door is closed triggering the cleaning cycle. 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 temp 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/Flight Warewash Machines

Conveyor/flight warewash machines are large, powerful machines able to process between 350 - 1000 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 they are made in both high temp and low temp models. But because they're so powerful, a conveyor commercial warewasher requires 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 the fats, oils and grease, associated odour and potential pest infestation. They should always be considered as part of a grease management system and not as a standalone solution.



Manual Washing

Manual cleaning 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 4 key factors in any wash process. Chemistry, Time, Heat and Physical Energy – known as 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 for buckets and cloth application.



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 as if these are present, it could prevent the disinfectant working as it should. 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 offer reliable robust and affordable dosing solutions for glasswash machines, hood type and conveyor warewash machines amongst others.

Offering simple installation and connection, thanks to a wall mounting bracket and circuit board mounted plugs. Safety and reliability is assured thanks to polypropylene fiberglass reinforced enclosures, meeting IP65 classification.

Ease of use and low operating costs are guaranteed, thanks to easy to use trimmer settings, allowing fast and simple configuration and minimum 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 and 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 minimum maintenance

- Easy wall mounting and removing thanks to the fixing brackets
- Plugs on circuit board provide for a quick electrical connection
- Easy tubing replacements, there's no need to start the pump

Peristaltic Dosing Pumps

PA Model Feature

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

PA Peristaltic Pump

Fixed speed peristaltic pump with analogue dosing adjustment by conductivity probe

Power supply:	230 Vac, 50 - 60 Hz
Power consumption:	3.5 W
Flow rate:	6 l/h - 9 l/h

PR Model Feature

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

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

PRT Model Feature

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

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:	3.5 W
Flow rate:	6 l/h - 9 l/h

PM Model Feature

- Fixed speed peristaltic pump with analogue adjustment of dosing time
- Both feature trimmer enabled dosing time.
- Available as a low flow variant

PM Peristaltic Pump

Fixed speed peristaltic pump with analogue adjustment of dosing time

Power supply:	230 Vac, 50 - 60 Hz or 100 - 240 Vac, 50 - 60 Hz
Power consumption:	3.5 W
Flow rate:	0.4 l/h - 10 l/h

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.

WareOne is a series of peristaltic pumps designed for dosing of the detergent or rise aid in warewashing machines. The dosed quantity is adjusted by software, regulating speed and time of dosage 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 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 to new technology tubing

IP65 enclosure

Made of PP reinforced with glass fiber so that it is extremely water and dust proof. SEKO's standard construction technology continues to provide products with high resistance to impacts and chemical agents

Flectrical class 2

Making a ground cable connection unnecessary. No external metal parts come into contact with the operator

Materials

The entire range is made using fire-retardant materials and RoHS technology. This allows to avoid lead or other heavy materials in contact with operator

Wide range of options

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

Rugged, precise and long life

- Easy to install thanks to convenient wall fixing modular brackets
- Squeeze tube replacement does not require pump starting, special tools or qualified personnel

WareOne

Easy and intuitive display

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

Integrated Ball Bearing

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

WareOne SV

WareOne SV is a dosing system expressly ideated for the dosage of powder detergents into warewashing without the use of a conductivity probe. It can be used for a single tank machines either with 1 or 2 solenoid valves.

Features

- Analogue or Digital multifunction peristaltic dosing pump that is simple to install, robust and easy of use
- Wide range of options which can connect to a probe level, have an audible alarm and be primed via a switch
- Flow rate up to 7 l/h
- Model for detergent dosing accepts 2 input triggers (100 240 Vac) for the 1st charge and rinse
- Suitable for warewashers with 1 or 2 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.

Digital Models

WareOne DR

Power supply:	230 Vac, 50 - 60 Hz
Power consumption:	5 W
Flow rate:	0.7 l/h - 6.5 l/h

WareOne CR

Power supply:	230 Vac, 50 - 60 Hz
Power consumption:	5 W
Flow rate:	7 l/h

WareOne SR

Power supply:	230 Vac, 50 - 60 Hz
Power consumption:	5 W
Flow rate:	0.1 l/h - 1 l/h

WareOne SV

Power supply:	24 - 220 Vac, 50 - 60 Hz
Power consumption:	5 W

Analogue Models

WareOne PR

Power supply:	230 Vac, 50 - 60 Hz
Power consumption:	5 W
Flow rate:	0.15 l/h - 4 l/h

WareOne PM

Power supply:	230 Vac, 50 - 60 Hz
Power consumption:	5 W
Flow rate:	0.5 l/h

WareOne RT

Power supply:	230 Vac, 50 - 60 Hz
Power consumption:	5 W
Flow rate:	6 l/h

WareOne PA

Power consumption:	5 W	
Flow rate:	6 l/h	

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
- 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

Kronos 10 Digital

Power supply:	100 - 240 Vac, 50 - 60 Hz
Flow rate:	0.1 - 10 l/h
Dosing range:	10 - 100%

Kronos 10 Analogue

Power supply:	100 - 240 Vac, 50 - 60 Hz
Flow rate:	0.1 - 9 l/h
Dosing range:	16 - 100%

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
- Optional ModBus communication port
- Flow rate 0.16 10 l/h

ModBus Communication Port

The ModBus communication port available on the Kronos 20 gives the possibility to use these pumps as "slave" pumps, for example in a distributed warewash system.

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

Kronos 20

Power supply:	100 - 240 Vac, 50 - 60 Hz
Flow rate:	0.16 - 8 l/h
Dosing range:	1-100% (1-14% in ON-OFF Mode)

Kronos 50



High precision, high reliability, low noise

Kronos 50 represents the top of SEKO's peristaltic range for cleaning and hyginene. The feed chemical is conveyed by means of the rotor squeezing on the hose. 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

- Delivers the highest precision and consistency of dosing even at smallest concentrations
- 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</p>

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 simplies the installation: 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.

The rotary movement of the rotors alternately press and relax pump hose by three rollers. The pump is self priming in all conditions.

Kronos 50

Power supply:	100 - 240 Vac, 50 - 60 Hz
Flow rate:	0.002 - 15 l/h



Complete, compact solutions for warewash

The WareDose range offers compact systems for automatic dosing of detergent and rinse aid. Specifically designed for fixed-cycle and hood professional warewash machines, it includes SEKO's ever present design features that ensure easy installation and programming, and "quick connection" solutions between pump and warewash machine.

Transaxle Technology helps improve operating efficiencies, providing support and stability to the drive shaft, making the roller pressure on the squeeze tubes more uniform, resulting in significantly improved lifetime for both the motor and squeeze tubes.

WareDose 10 is a compact system for automatic detergent & rinse aid dosing. Suitable for professional single solenoid valve warewash machines, it features an LED display, potentiometers settings and comes with flow rates of 0.2 - 4 l/h.



WareDose 10

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

- Compact system for automatic detergent & rinse aid dosing
- Suitable for professional single solenoid valve warewash machines
- LED display, potentiometers settings
- IP65 protection degree and Class II electrical insulation
- Level control inputs with acoustic alarm
- Analogue speed control (15% 100%) of detergent and rinse pump via potentiometer on the board
- Manual priming of the pumps via external buttons





Complete, compact solutions for warewash

WareDose 20 is an automatic compact detergent and rinse-aid dispenser, designed for hood and conveyor-type warewash machines, 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

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

- Designed for hood and conveyor-type warewash machines
- Suitable for professional single and double solenoid valve warewash machines
- Compact design and LED display, using potentiometers and jumpers
- IP65 protection degree and Class II electrical insulation
- Seperate 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 potentionmeter
- Manual priming of the pumps via external buttons
- Suitable for machines with 1 or 2 solenoid valves





Complete, compact solutions for warewash

WareDose 25 is an analogue dosing system with pre-wired cables, separate circuit boards for each pump with easy adjustment by trimmer of CD set-point for detergent and speed for rinse aid. Available both in 2 or 3 pump versions.



WareDose 25

Power supply:	100 - 230 Vac, 50 - 60 Hz (separate for each pump)
Power consumption:	5 W for each pump
Detergent Pump Flow rate: Squeeze tubing:	1 - 6 l/h Santoprene
Rinse-Aid Pump Flow rate: Squeeze tubing:	0.15 – 1 l/h SekoBril
Pressure:	3 bar

- Suitable for both single, double tank or tunnel warewash machines
- Analogue system that uses advanced technology, offering conductivity driven dosage for detergent and speed regulated dosage for rinse aid pumps
- ☐ Independent electronic circuit boards manage the dosing of products delivered to the wash tank.
- System can be set with simple trimmers
- Separate power supply for each dosing pump
- IP65 protection degree and Class II electrical insulation
- Independent level control input for detergent and rinse pumps
- Easy setting of the conductivity set point for detergent pumps and of rinse aid pump speed through potentiometers
- Manual priming of the pumps via buttons on the front cover





Complete, compact solutions 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 also the conductivity mode dosing for detergent pump. It comes with two 4 digits displays.



WareDose 30

,
oprene
1 l/h
Bril

- Designed for medium duty applications
- Microprocessor controlled dosing system with 4 digits display, parameters can be set by software
- Solution concentration detected & kept constant via conductivity sensor or by a
- ☐ 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 occurs
- Conductive probe for accurate conductivity reading (200 µS 5mS)
- Over Field Alarm to avoid extra dosage in case of probe or tube failure
- Emergency program allows to switch automatically to Time mode in the event of OFA





Complete, compact solutions for warewash

Designed for heavy duty applications, where dosing time exceeds 50 hours per week, WareDose 35 are microprocessor controlled dosing systems with LED display, that use potentiometers and DIP switches settings. Solution concentration is detected and kept constant via either conductivity sensor or by a timer. WareDose 35 is also available in a powder compatible version



WareDose 35

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

- Designed for heavy duty applications, where dosing time exceeds 50 hours per week
- Microprocessor controlled dosing system with LED display, uses potentiometers and DIP switches settings
- Solution concentration detected & kept constant via conductivity sensor or by a timer
- Also available 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 occurs
- Conductive probe for accurate conductivity reading (200 μS 5mS)
- Dosage speed of detergent pump depending on conductivity value percentage compared to set point
- Accepts up to 3 input signals (1st charge SV, rinse SV, wash pump) from warewasher with voltage 24 230 Vac selectable via jumpers





Complete, compact solutions for warewash

Designed for heavy use, industrial warewash machines, this dosing system is controlled by a microprocessor and has an LCD display offering full digital control, with password protection for programming. It combines easy installation with a wide range of functions including management of statistics, which can be downloaded using an infrared system.

WareDose 40 is designed for use with all types of warewash machines (single tank and tunnel). WareDose 40 is specifically designed for heavier duty applications, with the use of power-boosted motors and inductive technology for measuring conductivity. The range available includes a series of models that are able to suit all the client's needs.



WareDose 40

Power supply:	100 - 240 Vac, 50 - 60 Hz
Power consumption:	20 W
Detergent Pump	
Flow rate:	1.5 - 7.5 l/h
Squeeze tubing:	Santoprene
Rinse-Aid Pump	
Flow rate:	0.3 - 1.5 l/h
Squeeze tubing:	SekoBril
Pressure:	3 bar

- LCD digital display 2 x 16 characters with
- IP65 protection degree and Class II electrical
- Password protection for programming
- Conductive probe for accurate conductivity reading (200 μS - 10mS)
- Proportional reading of the conductivity set point (speed reduces when coming closer to set point)
- Accepts up to 3 input signals (1st charge SV, rinse SV, wash pump) from warewasher
- Wide set of statistic data



Complete, compact solutions for warewash

WareDose 50 is microprocessor controlled dosing systems with further upgrades with regards to WareDose 40. It can house up to 3 pumps, one of which may even be electromagnetic. Manages up to 3 different dosing programs that can be started automatically at certain times of the day. Plus models get an inductive probe.



WareDose 50

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

- 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 µS 10mS)
- Inductive probe on plus models (reading range 1 mS 50 mS)
- Proportional achievement of the conductivity set point (speed reduces when coming closer to set point) with programmable band
- Accepts up to 3 input signals (1st charge SV, rinse SV, wash pump) from warewash machine
- Wide set of statistic data (operating times and activations for each pump, conductivity value, etc.)
- Up to 3 stored programs
- Rinse peristaltic pump adjustable speed or dosing time and programmable dosing time limit
- Sanitizing pump adjustable in speed: it can be set to work with detergent or rinse 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 de-encrusting of warewash machine

DrainPlus



Biological drain dosing system

Based on the regulation EN 1825 all places like butchers, slaughterhouses, restaurants, fast foods, industrial kitchen and canteens in general are provided of grease trap.

Drain Plus is the 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 insure reliability and ease of use
- Microprocessor means the unit can set up to 48 daily dosing operations
- Digital display, counts down dosing time providing visual verification
- Drain Plus features easy installation, setting and programming, with 2 separate menus
- Dosing time can be digitally set or measured by calibration

Reliable

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

Durable

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

Easy

Intuitive menu, there are two separate menu, program and setting, making the system work with few operations.

Accurate

Drain Plus can be calibrated that means the system doses accurately regardless of factors like back pressure which compromises the standard flow rate.

Adaptable

Stock is reduced, thanks to the 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)
- Multilingual menu
- Measure unit in litre or ounce
- Installation kit ready for the the most common installations

Drain Plus

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

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, minimises waste. Drain Mini offers the entry point to the family, is compact in size and offers essential features.



Features

- Delivery of a single chemical at predetermined timed intervals
- Up to 48 programmable events per day
- Quick and easy installation
- Low maintenance, robust design
- User friendly programming speeds operations
- IP65 protection
- Programming password protection

Drain Mini

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

ProDose-R



Easy and affordable control and dosing accuracy

Designed specifically to dose an exact amount of concentrated chemical to be diluted with water, for sink manual warewashing, janitorial and commercial application, ProDose R assures accurate dosing at each push of the large dispensing button. Each push yields the same volume output every time. ProDose R offers fast and easy installation that doesn't require a drill, when replacing existing pumps, as the hole patterns on the smart bracket match most existing models.

ProDose-R features enhancements including a flexible spout, larger diameter fittings for highly viscous liquids and an improved stroke regulation. Its colour coded cap can be easily removed to allow access to the dosage setting mechanism.

ProDose–R offers up to 6 different dosage settings

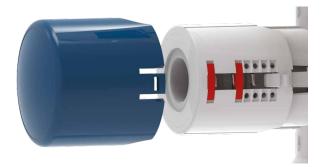


Improved fast stroke regulation

The cap is improved providing 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

- Larger diameter fittings and tubing improves performance with high viscosity products (>1500Cps)
- Strong, flexible, impact resistant discharge tube
- Made from durable Polypropylene for chemical compatibility to resist breakage
- Easy maintenance: unscrew the locknut, remove the fitting, replace the valve
- Double O-Ring Seals. Available in EPDM, FPM or Silicone models to meet various chemical applications
- Valves are the same for left and right
- Easy modular tube stiffeners ensure full evacuation of chemical drums

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 in 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 (130 psi) static pressure tolerance
- Auto-locking connection
- Auto-activating venturi
- Optional cartridge filter for poor water conditions to reduce water related service calls

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

Project your company image

- 95% of the facing 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 facing 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

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 use 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: Dilution ratio:	4 l/min 3.13:1 - 417:1
Yellow venturi Flow rate: Dilution ratio:	16 l/min 7.80:1 - 1429:1

- Available in either 1 or 4 product versions
- Revolutionary patented hydrodynamic technology sets new industry standards of performance and reliability
- Modular and flexible for maximum versatility for Kitchens to Laundry, Janitorial services to Commercial Cleaning
- Efficiently fills small, medium and large containers with accurately diluted ready to use solutions from chemical concentrates
- Outstanding space for personalized branding or customized communication without costly printing minimums and set up charges
- Flow rate 4 30 l/min

ProMax C



Accurate dilution at the push of a button

ProMax C 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 in the market today.

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



Features

- Robust design for increased reliability
- 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
- Low maintenance thanks to smart design
- Auto-locking connection
- Auto-activating venturi
- Optional cartridge filter for poor water conditions to reduce water related service calls
- Customisable panels projects your company image
- No external stick on labels to peel or run from wear or unsightly chemical and water damage

Patented technology

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

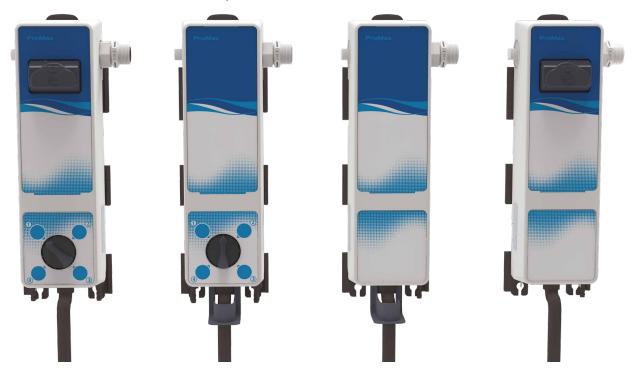
Pro Max C Flex Gap

1 - 9 bar
4 l/min
2.4:1 - 625:1
14 l/min
5.6:1 - 1250:1
30 l/min
22.4:1 - 5000:1

ProMax C



Accurate dilution at the push of a button



Mandatory or not?

The European directive EN1717 gives guidelines on how backflow preventers should be designed and classified but is not prescriptive. Being compliant with EN1717 is meaningless if not backed by a certified device. EN1717 is a non-mandatory European directive, while certification and local interpretation of the requirements of the directive, is mandatory.

Differences between Flex Gap & Air Gap

There are different types of backflow preventers, which are chosen according to the specific installation and the degree of protection required based on the risk of any liquids polluting the potable water network.

The ProMax backflow preventers are called "free flowing":

- AD (better known as Air Gap), is a physical air gap, requiring more maintenance than others, offering a higher level of security covering dangerous liquids up to category 5, which includes bacteria.
- DB (better known as Flex Gap) is a membrane backflow preventer which requires less maintenance than an A-Gap but covers liquids only up to category 4 such as chemicals.

Evolution of certification ProMax

ProMax was originally designed for the US market, and was certified for connection to potable water networks according to local standards: ASSE, UPC, ANSI / ASME and CSA.

Such was the success of ProMax that it rapidly found customers across the rest of the world. SEKO has therefore worked to ensure that it obtained certifications across a number of countries.

The ProMax C version with the F-Gap and certified for EN1717, means SEKO is able to offer full certification for the following European authorities: DVGW (Germany).

ProMax & ProMax C



Features

Robust and durable Auto-locking connection

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.

···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

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.

Venturi Flex Gap Version

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

- Fast connections
- Three colors 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 4 product model in the field
- Fully interchangeable parts
- Tool free maintenance

Also available in AIR GAP version

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

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



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 accurate solution.

The ProSink-R features a strong, long lasting and easy to clean rugged stainless steel enclosure that is smooth with no sharp edges and which has the benefit of a customisable 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 with 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 UPC and CSA standards







Easy Access

Removing the valve knobs it is possible to open the system and access the hydraulic circuit, carry out maintenance and change water inlet direction.

Features

- Ball valve operation
- No need to hold or lock a button
- Smooth and ergonomic surface and customizable front cover
- Rugged stainless steel enclosure
- Strong, long lasting and easy to clean
- Installs easily with 2 or 3 screws
- "Quick connect" manifold to insure fast easy maintenance
- Direct connection to water supply
- Integrated backflow prevention

ProSink-R Flex Gap

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

ProSink-R Air Gap

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

ProWash



Cleaning & disinfection spray station for of hard washable surfaces

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

ProWash's simple and rugged and design is fully compliant with HACCP regulations, and as a system helps reduce water and chemical waste thus 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 a working temperature of up to 50°C.

Available in one or two products with optional BA disconnector 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 1 or 2 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 disconnector
 - 2 products with BA disconnector
- Multi-layer hose, improves flexibility and chemical resistant, see page 36 for further information

ProWash

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

Advantages

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

ProKlyn



Essential spray system for cleaning & disinfection

SEKO's 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, minimising operational costs.

ProKlyn's brass venturi external body provides greater resistance and robustness, while its inner venturi is made of PP for high chemical compatibility. It's also extractable and interchangeable, making for easy quick maintenance. It'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 disconnector:

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



Features

- Dosage of 1 or 2 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 disconnector
 - 2 products with BA disconnector
- Multi-layer hose, improves flexibility and chemical resistant, see page 36 for further information

ProKlyn

Max temperature:	50°C
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Advantages

- Body made of brass nickel plated for greater resistance and robustness
- Internal Venturi extractable and interchangeable, made of PP for a high chemical compatibility
- High performance suction for optimal operation in all working conditions
- 2 products switch designed to be compatible with most of the chemicals
- Food grade quality discharge hose
- Gun with adjustable spray, anti-shock and antithermal shock

JetNeat



Fast, easy, convenient surface cleaning and disinfection

The JetNeat system, the fastest, easiest, most convenient and suitable solution to wash, sanitize and rinse surfaces. JetNeat is composed from a spray gun with a quick connector and a venturi with a chemical tank built-in which can be applied at the exit of it.

Connected to the water tap by a flexible hose, the trigger gun is able to rinse thanks to a fresh water powerful jet. Once the venturi is quick applied at the outlet of the gun, the JetNeat can produce a mixing solution that can be sprayed or foamed based on the model and chemical used.





Features

- Chemical tank made in PP for chemical and physical damage resistance
- Light weight gun easy to use with brass nickel plated connector
- Strong PP body with built in venturi and brass nickel plated connection

Fits the need

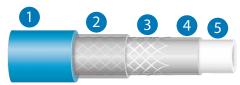
JetNeat is a suitable solution for a variety of applications, and by combining the various elements, an ideal solution can always be found.

- Kitchens
- Butcher shop
- Restaurants
- Supermarkets
- Educational facilities
- Remote food preparation plants

JetNeat

Dilution Ratio: 1.10:1 - 250:1
Pressure: 25psi - 85psi

Multi-layered Hose





Resistant hose up to 70°C at 20 bar

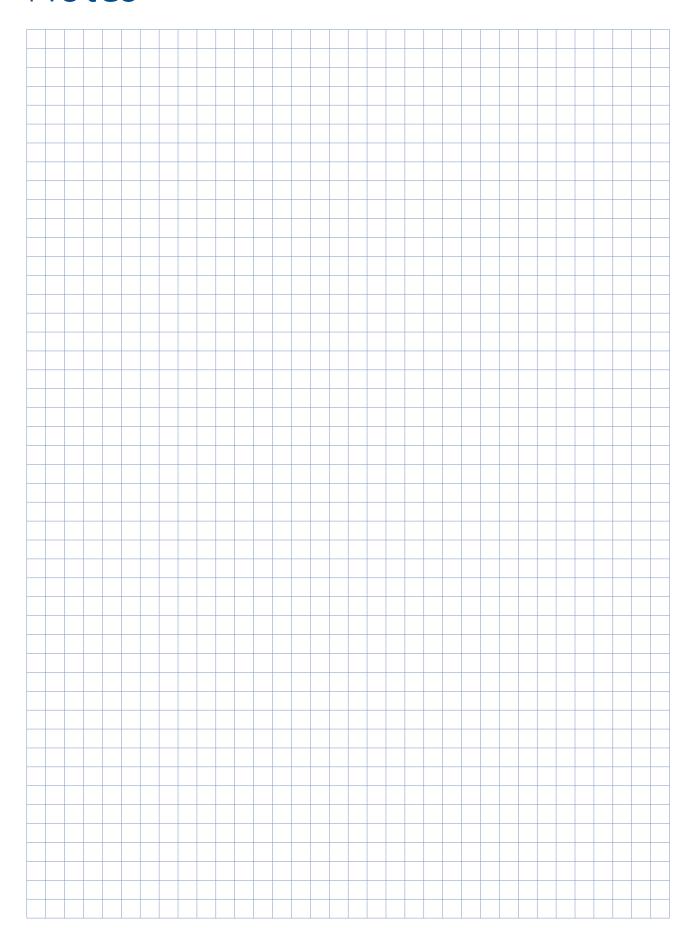
- 1 Light non-marking, grease-resistant, light blue exterior coating
- 2 Intermediate layer of adhesion in soft PVC
- 3 Polyester textile reinforcement
- 4 Intermediate layer of adhesion in soft PVC
- 5 White interior in soft PVC

Thermoclean Al 20® Advantage

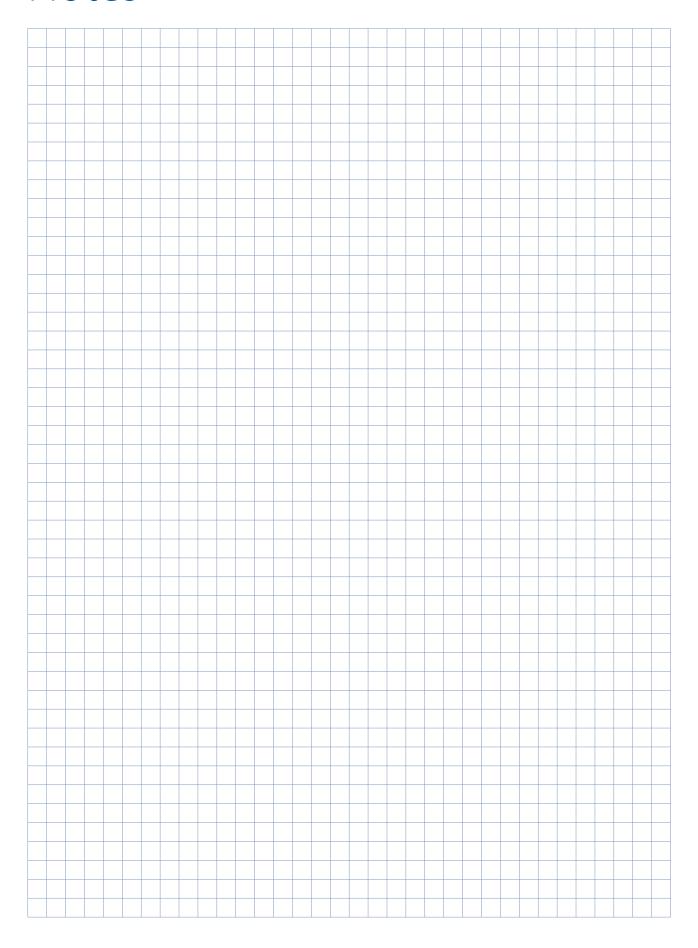
Evolution provided by the dual layer design and overlap compared to the old single-layer design:

- Improved flexibility thanks to an adjusted internal wall thickness (white layer which brings the 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

Notes



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



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



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