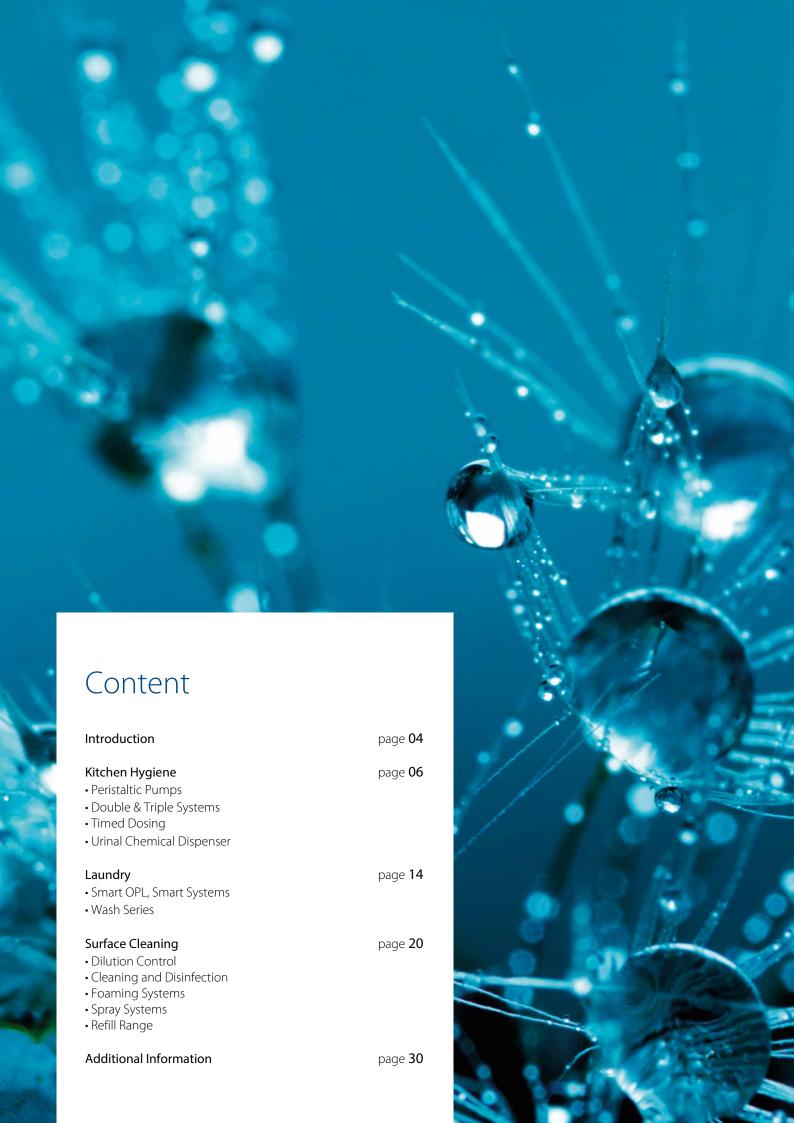
# Solutions for Cleaning & Hygiene









# A Worldwide Group at your service

# Globally Present, Locally Active

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.

# 1 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



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.

# Cleaning and 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, 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, that we use 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 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 to the Transaxle Technology, that improves the lifetime of motors and tubes alike all aimed at reducing operating costs.



# SEKO's Solutions designed with the Kitchen in Mind

Working alongside Global machine and chemical manufacturers and catering operators SEKO has developed a high-quality range of pumps, designed to keep equipment performing brilliantly. From peristaltic pump systems, designed to deliver precise quantities of chemical, to robust and highly efficient dosing systems for enzyme drain cleaning solutions, we can help keep a catering operation running cleanly and smoothly.

#### Glasswashers

Peristaltic Dosing Pumps

#### Hood type dishwashers

- Peristaltic Dosing Pumps
- Double/Triple Dosing Systems

#### Conveyor dishwashers

- Peristaltic Dosing Pumps
- Double/Triple Dosing Systems

#### Timed Control

• Digital or Analogue Programmer



# Peristaltic Pumps

- Wide spread of flow rates for all types of warewash machines
- Quick and easy installation to save your time
- Low maintenance and robust design
- Wide variety of tubes to adapt to all chemicals
- Wide spread of functions offer maximum flexibility





## Peristaltic dosing pumps

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 enclosures, meeting IP 65 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.

#### PA Model

- 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
- Flow rate 6 9 l/h

#### PR Model

- Versatile peristaltic pump with analogue dosing speed adjustment
- For use with a detergent, with Santoprene
- For use with rinse aid, using SekoBril tubing, offers high chemical compatibility
- Analogue speed adjustment mechanism
- Flow rate 4 7 18 l/h for Detergent, 1 l/h for Rinse Aid

#### **PRT Model**

- Fixed speed peristaltic pump with an analogue dosing time adjustment
- Powered via single or double solenoid valves
- 2 setting trimmers enable detergent initial charge (18-180 secs) and re-charge (2-15 secs)
- Flow rate 6 9 l/h

#### PM Model

- Fixed speed peristaltic pump with analogue adjustment of dosing time
- Feature trimmer enabled dosing time.
- Available as a low flow variant
- Flow rate 0.4 1.5 l/h

# Peristaltic Pumps







#### Kronos Series

The Kronos Range has been designed as the most reliable and robust of pumps within the SEKO range for Cleaning and Hygiene applications. In the place of complex functionality, stylish shapes or cost savings, the range has been designed to be a "plug and play" version of SEKO products, with an extended life expectancy, low maintenance expectations, and even lower installation costs.

#### Kronos 20

- Digital 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
- Flow rate 0.16 10 l/h

#### Kronos 10

- 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 0.16 10 l/h

#### Kronos 50

- 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
- Quietest pump operating at <35dB
- Flow rate 0.002 25 l/h

# Double & Triple Systems

- Complete solution for warewash machines in a single enclosure
- Quick and easy installation to saves time and costs
- Smart electronic and multiple programming features
- Low maintenance and robust design









#### DR and TwinDose Series

The DR and TwinDose Series offer compact systems for automatic dosing of detergent and rinse aid. Specifically designed for fixed-cycle, hood and conveyor 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.

#### **DR 35**

- Two pump warewash unit for detergent and rinse
- Operates on probe, timed, speed or cyclic mode at the push of a button
- Front mounted pumps allow installation in the smallest of spaces.
- Can be supplied with a low-level alarm
- Flow rate: 150l/m detergent 35l/m rinse aid

#### TwinDose 10

- Compact system for automatic detergent & rinse aid dosing
- Suitable for professional single solenoid valve warewash machines
- Features LED display, potentiometers & DIP switch settings
- Flow rate 0.2 4 l/h

#### TwinDose 20

- 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 DIP switches
- Flow rate 0.2 6 l/h

#### DR 30 Traywash

- Timed, Speed & Probe operational modes
- 16-character digital display provides easy to follow set up programme
- Large capacity pump head makes it ideally suited for use on tray-wash systems
- Flow rate: 2l/m

# Timed Dosing

- Delivery of a single chemical at predetermined timed
- Up to 48 programmable events per day (Drain Plus)
- Quick and easy installation
- Low maintenance and robust design
- User friendly programming speeds up operations









### Timed Dosing

SEKO's timed dosage systems are designed for use with biological drain dosing systems and provides accurate automatic dosing of enzyme based chemicals that will naturally prevent the build-up of fat, providing they are applied regularly at the appropriate time of day. It can be installed directly into waste outlet pipe, grease traps, pumping stations or urinals. The UR1 urinal chemical dispenser has been designed specifically for use in any commercial washroom.

#### UR1

- Injects a pre-determined volume of chemical into the header tank at each flush
- Controlled using a digital timer that enables pre-setting of parameters when the dispenser is
- Combines with a hygiene flush for periods of inactivity
- Sectional passwords enable the user to control access to just the relevant information
- IP65 enclosure provides protection against water ingress and high temperature environments
- Can be customised to individual company branding
- Flow rate 35ml/m
- The flush can also be controlled (reducing water consumption)

#### DD1

- Designed to dose chemicals at preset times
- Comes with pre-programmed delivery rates making the unit quick and easy to set up.
- Pre-fitted with a specially designed long life battery. Life in normal use @250mls/day >1 year
- Operating Temperature -5°c to +55°c
- Low maintainence

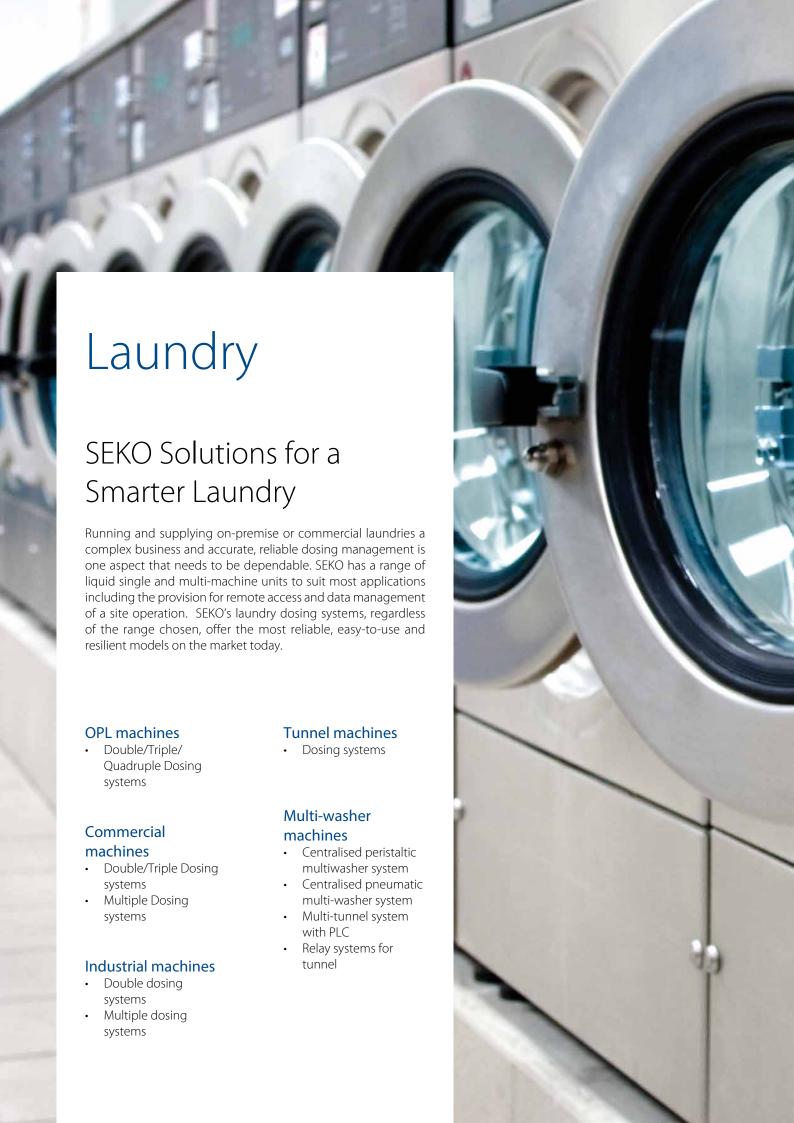
#### DN5

- Mains operated single peristaltic pump for dosing chemicals at pre set times of day
- External controls allow for easy installation
- Programmable to dose up to 9 times per day
- Can be supplied with a low-level alarm
- Cyclic option available

#### **Drain Plus**

- 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
- Dosing time can be digitally set or measured by calibration
- Flow rate 120 ml/h 12 l/h





# Smart OPL, **Smart Systems**

- Wide spread of flow rates for all types of laundry machines
- Quick and easy installation saves time and reduces costs
- Low maintenance and robust design maximizes the investment
- Wide range of tubes to adapt to all chemicals
- Multiple sizes and functions for maximum flexibility







#### **Smart Systems Series**

SEKO's Smart range of combines technological development in peristaltic systems, with guaranteed reliability for the chemicals dosed in commercial laundry machines, both OPL and Industrial.

The range covers machines from 25kg up to 100kg. Available in versions from 2 to 7 pumps, offering a wide flow rate range, with long-life pump motors with fixed or selectable flow rates, and able to dose up to 3 chemical products simultaneously, Smart Systems Series offers the most complete and affordable advanced linear programming system, assuring total dosing management.

#### **Smart Programmer**

- Manages up to 40 wash formulas, in 2 separate categories with 20 formulas each
- Has 25 programming lines for each washing formula
- Doesn't require a connection to the control unit to be able to program the operations
- Chemical usage data available via serial interface
- "SMART WARE" software assures programming and statistic data management by PC
- Autowash function just needs signal combinations to select formula

#### Smart H

- Designed for industrial sized washers over 25kg up to 300kg
- Manages up to 7 pumps and handling up to 20 wash formulas, each one with unique run times and delay times for each pump
- Flow rate 30 120 l/h

#### **Smart RH**

Based on the Series H but with relay mode operation

#### **Smart P**

- Designed for commercial sized washers up to 25kg
- Manages up to 7 pumps. Ease of installation and connection are inbuilt
- Series P has a front cover that opens to 85° allowing easier electrical connections
- Flow rate 18 l/h

#### **Smart PH**

Based on the Series P but with relay mode operation

## Smart OPL



### **Smart Systems Series**

The new Smart OPL chemical dosing system is ideal for on premise laundry applications and is designed to work with intelligent and non-intelligent washing machines.

Developed with the engineer and end user in mind, the remote controller provides a 2 line, 16 character display with clear instructions and an easy to follow set up menu. Programming via the remote controller means its no longer necessary to climb over laundry machines to adjust or access data. Avaliable in 2, 3 or 4 pump options.

#### **Smart OPL**

- Designed for machines up to 35kg
- Formula Select/Chemical Enable and Relay Mode in one unit
- Wash cycle names avaliable on the display for each formula
- Programming and chemical adjustment via the
- Data logging, including wash cycle counts per formula and pump run times
- Ability to prime pumps from the main unit and the remote controller
- Simple to maintain, reducing costs

### Wash Series

- Turn key multi-washer chemical dosing system, flexible and reliable
- Configurable for up to 10 washer extractors, 16 chemicals and 50 formulations
- Offers superior dosing accuracy & remote management
- Available with multiple or single pump technologies for tailor-made solutions for any application
- Reliable communications between modules via CANbus





#### Wash Series

SEKO's Wash Series is designed to allow accurate control of the total laundry operation, helping to manage consumption of chemical, water and energy within the overall wash process. Over and above the Smart series, SEKO's Wash Series offers a class leading remote control of the dosing equipment from anywhere in the world, allowing the ultimate in customer support.

Wash Series works independently of an operating system/hardware. It works in any web browser on any internet enabled device, without any special Software or App. This remote communication ability allows service companies and personnel to manage and reduce maintenance costs and offers service companies diagnostics abilities improving customer service.

#### WashMaster

- Designed for very accurate dosages on Wash extractor up to 100Kg size
- Peristaltic multi pump dosing unit, featuring high capacity "H" pump heads allowing 100 l/h flow
- Features self adjusting calibration

#### WashUltra

- Fast sequential dosing obtained with a single pneumatic diaphragm pump and several inlets valves provides effective distribution in a single flush line
- Comes as standard with the Proof Of Dosing (POD) flowmeter
- Inbuilt self adjusting calibration





### **Dilution Control**

- Precision dosing systems
- Outstanding solutions
- Ease of installation
- Ease of use
- Reliable and secure



#### **ProMax**

- Offering the most intuitive and cost effective dispensing system available in the market today
- 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 use solutions from chemical concentrates
- Outstanding space for personalized branding or customized communication without costly printing minimums and set up charges
- ProMax C certified by all the leading European water authorities
- Flow rate 4 30 l/min



#### ProDose-R

- Offers easy and affordable control and dilution accuracy for manual warewash detergents and sink sanitizers
- ProDose-R features enhancements including a flexible spout, larger diameter fittings for highly viscous liquids and an improved stroke regulation
- Colour coded cap can be easily removed to allow access to the dosage setting mechanism
- ProDose–R offers up to 6 different dosage settings
- Available with silicone, EPDM and GPM seal options

## **Dilution Control**



#### SekureMax

- Modular evolutionary chemical dispensing cabinet
- Semi flat pack design assists transport and storage costs
- Offers secure and precise dilution of cleaning or disinfectant chemicals
- Provides best compromise between accessibility and ease of cleaning
- Large front offers space for customized communication to promote either a brand or health and safety or usage instructions
- Ultimate flexibility, able to hold multiple sizes of chemical container covering 5 litre, 2 x 2 litre, 3 x 1 litre
- Lockable cabinet door provides appropriate level of security
- 2.5 litre version available



#### SekureDose

- "ALL IN ONE" system for dosing chemicals in places like hotels, restaurants, schools and offices
- Offers ideal solution for filling spray bottles or buckets to wash floors, counter tops or other hard washable surfaces and for sink filling for pot and pan washing with accurately dosed cleaning solution
- Secure in use, simple tool free installation and flexible, modular design, fast stroke regulation
- No electrical connection or water supply required
- Offers outstanding space for personalized branding or communication customizations without costly printing minimums and set up charges, with user friendly, image enhancing feature
- Colour coded caps for ease of product identification and training
- 2.5 litre version available

# Cleaning and Disinfection

- Ideal for large food preparation areas
- Suitable for retail, institutional and healthcare markets
- Ergonomic design
- **HACCP** compliant
- Accurate dilution control
- Integrated hose support
- Easy installation
- Intelligent Venturi system



#### **ProTwin**

- Automatically mixes and dispenses concentrated chemicals
- Spray gun with adjustable spray pattern delivers high levels of wet
- Easy switching between Rinse & Sanitize using central dial selector
- Available as a complete unit or as component parts
- Works at up to 50° C



- Standard ProTwin can be updated with optional foam kit that delivers clinging foam to high level non-flat surfaces
- Creates rich clinging foam simply using tap water and compressed air
- Complete kit, easy to install
- Powerful jet provides foam at up to 4 meters
- 2 Product system for all foam and cleaning needs



#### **ProWash**

- Helps reduce water & chemical waste
- Features high performance suction
- Working temperature of up to 50° C
- 2 product offers single or dual product options
- Working pressures 1.5 6 bar



#### **JetNeat**

- Portable low pressure cleaning system, requires no power or air supply, at up to 45°C
- Combines a quick connect spray gun with chemical or disinfectant reservoirs made of durable, chemical resistant plastics
- Large range of metering tips for controlling dilution ratios
- 1.4 and 2.5 litre versions available

# Foaming Systems

- Designed to offer outstanding performance in the cleaning and disinfection of vertical or difficult access surfaces
- Easy Maintenance
- Venturi system with no moving pieces
- Requires no additional power supply
- Food grade materials
- Incorporated hose rack
- 15 colour coded dilution tips



#### **ProFoam**

- Chemical foam generator that offers automatic mixing of chemical with water generating a thick creamy foam
- Foam density reduces water & chemical waste
- Designed to meet HACCP requirements
- Works at 50° C working and water pressures of 2 6 bar

#### ProFoam-R

- ProFoam-R in addition to ProFoam, features a rinse functionality
- Produces high quality dry foam
- Foam density reduces water & chemical waste
- Designed to meet HACCP requirements
- Works at 50° C working and water pressures of 2 6 bar



#### ProMulticlean

- Foam, rinse and spray for 2 chemicals
- Various inbuilt backflow devices available
- Foam density reduces water & chemical waste
- Designed to meet HACCP requirements
- Works at 50° C working and water pressures of 2 6 bar



- Pressurized mobile system producing rich and thick foam
- Chemical premixed with water creating cleaning or disinfection solution
- Equipped with a lance and dosing tube
- Comes in 24 or 50 litre models
- Available in stainless steel and painted versions



# Spray Systems

- Designed for the professional automotive care sector,
- Can also be used in other industrial cleaning processes
- Ergonomic design
- System can be assembled with cart
- Venturi system with no moving parts
- Integrated hose rack



#### **ProPulv**

- Single product system for spraying pre-wash shampoos or detergents on cars, trucks and other such vehicles
- Designed to HACCP basic requirements for possible food applications
- Stainless steel lance
- Working temperature up to 50°C
- Working pressure 2 6 bar
- Different length hoses and lances available



#### **ProNet**

- Single product system for spraying rinse aid solutions on cars, trucks and other vehicles
- Reduces water & chemical waste
- **PVC lance**
- Working temperature up to 50°C
- Working pressure 2 6 bar



#### **ProDual**

- Dual product system for spraying pre-wash shampoos, detergents and rinse-aid solution on cars, trucks, and other vehicles
- Reduces water and chemical waste
- Stainless steel and PVC lances
- Working temperature up to 50°C
- Working pressure 2 6 bar



#### **ProAcid**

- Specifically designed to spray aggressive detergents or acid chemicals in sectors including: transport, industry, institutional & agriculture
- Engineered for better resistance to highly concentrated aggressive chemicals
- PVDF Venturi
- **PVC lance**
- Working temperature up to 50°C
- Working pressure 2-6 bar



#### **Spray Cannon**

- Pressurized mobile spraying system
- Chemical premixed with water creating cleaning or disinfection
- Equipped with a lance and dosing tube
- Comes in 24 or 50 litre models
- Available in stainless steel and painted versions

# Refill Range

- Designed with the busy cleaning operator in mind
- Focused on simplicity
- Reduction of operational costs
- Ready to install solutions
- Quick connection system



#### **ProFill**

- Automatic & consistent mixing of chemical cleaning solution
- For floor scrubber machines or tanks up to 120 litres
- Comes with 14 sizes of calibration tips
- Uses a specially conceived blue venturi design, that means there is no need to disassemble the whole machine
- Flow rate 14 l/min
- Working temperature up to 50°C
- Working pressure 2 6 bar



#### **ProFill Premium**

- As per ProFill
- 14 litres per minute flow-rate
- Low maintenance design and ergonomic delivery gun designed for tanks up to 120 litres
- Also offers a rinse function
- Working temperature up to 50°C
- Working pressure 2 6 bar



#### **ProFill Tower**

- High flow rate single chemical dispensing system
- Refill the scrubber drier machines or tanks and has a 300 litre capacity
- Offering 15 different dilution rates
- Connected directly to the water supply
- Automatically refilled with water
- Flow rate 200 l/min
- Reduced maintenance thanks to blue venturi system
- Automatic switch off by float or magnetic valve
- EPDM check valve with Hastelloy spring



# 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 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 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.sekouk.com



As part of a process of on-going product development, SEKO reserves the right to amend and change specifications without prior notice. Published data may be subject to change.

