

AKTIVA KLP

Centralized Dosing and Cleaning Equipments



Innovation > Technology > Future

An experienced and reliable partner for Dosing and Injection pump package solutions

Since 50 years Seko has linked its success to a wide range of industrial fields by supplying complete dosing pumps and packages throughout the world.

Seko develops its own projects to best solve metering and pumping problems relating to different fluid properties and plant operating conditions. Products designed, manufactured and commercialized by Seko - Group Worldwide.

Committed to customer satisfaction

Seko, as a technological leader, partners each individual customer from the preliminary stage of the project through to the ordering, design, manufacturing and after sales technical assistance.

SEKO develop its own products to answer to complexity of dosage and regulation for all fluid's property and process linked

AKTIVA KLP is team work between our R&D linked with our production and based on our experience and our partnership with our customer.



Application areas

The main industrial application areas for the Dosing / injection packages designed and produced by Seko are:

- Water treatment (municipalities, wastewater)
- Industrial sectors (steel, ceramics, food & beverages, detergents, paper, textile and pharmaceutical industries)
- Energy (boilers, desalination, cooling towers, environment)
- Petrochemical
- Oil & Gas (on-shore, off-shore, FPSO).
- Surface Cleaning & Hygiene
- Industrial Cleaning & Hygiene

Organization Services & Logistics

A network of subsidiaries, agents and distributors around the world completes the range of technical and commercial services provided in the most interesting areas for the industrial applications of the "packages" supplied by Seko.

Components for the systems construction are purchased via our world-wide logistic platform as per the contract vendor list.

All systems, pumps and controllers manufacture by SEKO are our property and cover a large range of performance

SEKO AKTIVA KLP enables Kitchen & Little food industry to reach HACCP method and quality. End user obtains high hygiene quality with cost savings and environmental friendly. **Choose SEKO AKTIVA KLP to work as a “CHEF”.**

Low pressure systems should be preferable for operators health.

AKTIVA KLP is made up of three main components that together meet high demands of capacity, performance and quality.

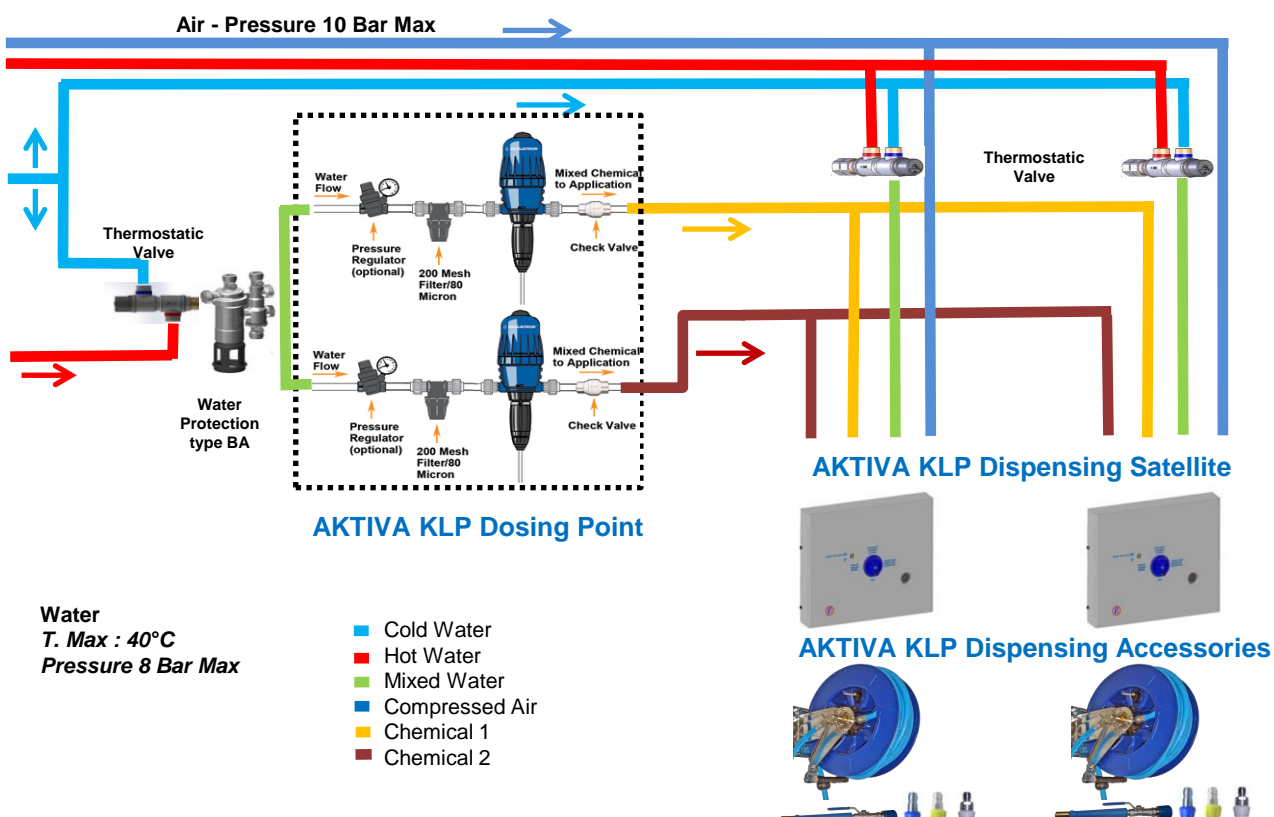
By combining the components in **AKTIVA KLP**, various types of **AKTIVA KLP Chemical Dosing Point** connected to our new **AKTIVA KLP Dispensing Satellite** and **AKTIVA KLP Dispensing Accessories**.

Kitchen and Little Food Industry Manufacturers can reduce their cleaning costs. These savings and decreased environmental impact are achieved thanks to reduced use of hot water (using Thermostatic valve), chemicals and less wastewater generated. Its also saves time for operators to clean up in a fast way. Main water supply provide the correct pressure and flow, **AKTIVA KLP Chemical Dosing Point** supplies right concentration, where needed, for simultaneous users. **AKTIVA KLP Chemical Dosing Point** is normally placed in a central location.

Pipes and hoses then run throughout the factory feeding all **AKTIVA KLP Dispensing Satellite**.

Each **AKTIVA KLP Dispensing Satellite** is connected with **AKTIVA KLP Dispensing Accessories** as hose reel with hose for water, chemicals and disinfectant. Attached are spray guns and pre-cleaning nozzles.

AKTIVA Chemical Dosing Point and storage of chemicals to enables safe handling with no concentrated chemicals in the production areas. Benefits for the end user, he is not on direct contact with concentrates. Also avoid direct contact of chemical with Food.



AKTIVA KLP - Chemical Dosing Point

Seko develops a full range of **Chemical Dosing Points** to bring you solutions to your needs

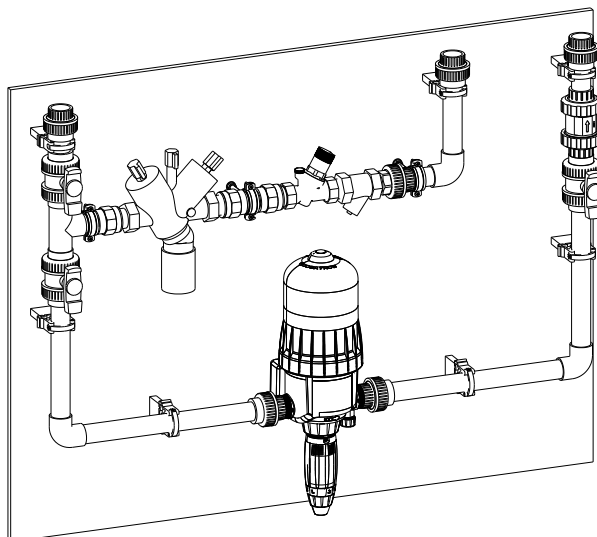
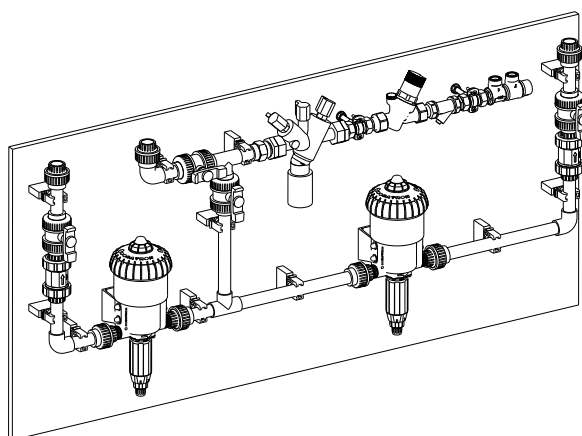
SEKO created full dosing solutions « Ready to Install » .

Professional Installations : Food & Beverage Chemical Dosing Points,K.

Modular solutions: Panels, Cupboard or Little SKID.

Technician save times on installation

Various working fluids in the area of Food & Beverage Industry



Dosing Panels with Water Powered Proportional Dosing Pumps

PANEL

Back plate
Pressure Reducer
Filter
Mixing Valve
Water Protection

Proportional Pumps

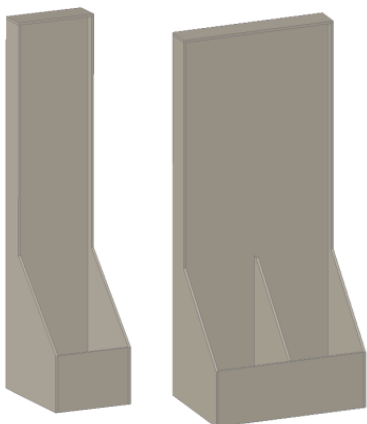
Flow rates: 2.5 m³ - 3 m³ - 4.5 m³ - 8 m³

Dosing rate: 0.05 to 25%

Pressure rate: 0.2 Bar to 6 Bar

Benefits :

High dosage accuracy of chemicals/disinfectant
Cost Control System
Optimized Environmental impact
Optimized End users Health
No touch chemical system
Reduce and Easy maintenance



«A la carte » Systems

Modular Solution for Easy & Professional intallations
Versions for1, 2 Can of 20 / 30 litres completely separate
PPH Dosing SKID – Large Chemical compatibility.
Thickness 10 mm - Shock resistance and High Stability
Bac de rétention étanche
Double Welding Belt Inside and outside

AKTIVA KLP – Dispensing Satellite

Seko develops a full range of **Dispensing Satellite** to bring you solutions to your needs

SEKO created full Dispensing solutions « Ready to Install » .

Professional Installation - Delivery point HACCP design.
Instructions by clear Pictograms made by Screen Printing
Technician save times on installation

Various Possibilities: Spray / Rinse satellite – Spray / Foam / Rinse satellite



Technical Specifications

Water connection:	M1/2" external ball valve
Solutions connection:	M1/2" external ball valve
Air connection:	M1/2" internal ball valve
Inlet water pressure:	min. 1.5 bar and max. 15 bar
Air pressure:	5-10 bar, min. 200 l. free air

Benefits :

- Cost Control System
- Optimized Environmental impact
- Optimized End users Health
- No touch chemical system
- Reduce and Easy maintenance
- Strong Conception

AKTIVA KLP – Dispensing Satellite

SEKO had choose carefully and designed a full range of strong accessories for Intensive & Professional use

Thermostatic Valves :

Legionnaires' disease preventive and permanent Solution.

In parallel of the Sanitary Hot Water 's preservation superior temperature of 50°C in all the network, Thermostatic Valves must be put as close as possible to distribution points.

Inlet DN 15 Flow rate 33 l / mn at 3 bar

Inlet DN 20 Flow rate 42 l / mn at 3 bar

Regulation from 30 to 50°C

Max. Pressure: 16 bars

Max. Temperature 100°C



Stainless Steel



Light Weight

Shock-proof Spray Gun

- Low pressure spray gun with adjustable jet from the trigger
- Light and easy to use
- Soft plastic housings shockproof and non stainable
- Completely sealed case to avoid dirt stagnation.

Max Pressure: 24Bar

Max Temperature: 80°C



Stainless Steel Shock-proof Wand

Simple and strong with outlet quick coupler for heavy duty



Blue Nozzle
To Rinse



Yellow Nozzle
To Spray



White Nozzle
For Foam

AKTIVA KLP - ACCESSORIES

SEKO had choose carefully and designed a full range of strong accessories for Intensive & Professional use



Stainless Steel Chemical Can Holder

Simple and strong built in Stainless Steel wire
Various capacity : Available for can of 5, 10 or 20-30 liters tank

Pro Reel Premium EVO

The hose reels are a handy solution for problems of space. With the hose reel, hose rewinding is quick and safe, for an orderly workplace. The hose reel safeguards against wear and possible breakage of the hose themselves

Operators work in total security in a clean and tidy place
ABS shock-proof drum
Arm and bracket in Stainless Steel AISI 304
Equipped with THERMOCLEAN AL20 12x20



THERMOCLEAN AL 20

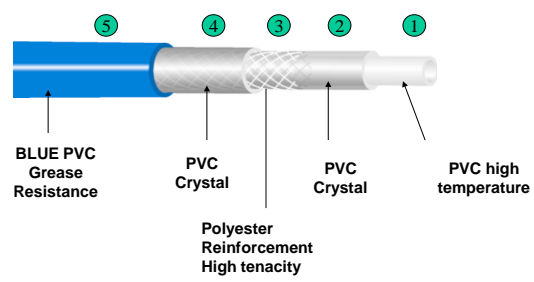
Evolution brought by the conception bi-steps soul and covering with regard to the old conception mono-step:

A flexibility improved thanks to a thickness of internal wall adjusted (white coat which brings the temperature resistance) and the introduction of a crystal step more flexible.

A chemical resistance optimized thanks to the concentration of the agents defenders in the external skin (blue step) instead of dispersal on all the thickness of the covering

Possibility to connect 10m, 15m or 20m

- Food Grade



Marking : THERMOCLEAN AL 20 20 bar / 70°C [year of fabrication]

mm	mm	mm	mm	mm	g/m	20°C	70°C	20°C	70°C	mm
12	±0.4	20	±0.4	4	255	100	60	33	20	108

A Worldwide Group at your service

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

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

OUR GOAL:

To supply innovation based, complete hygiene systems to the Kitchen and F&B, offering our customers improved competitiveness in:

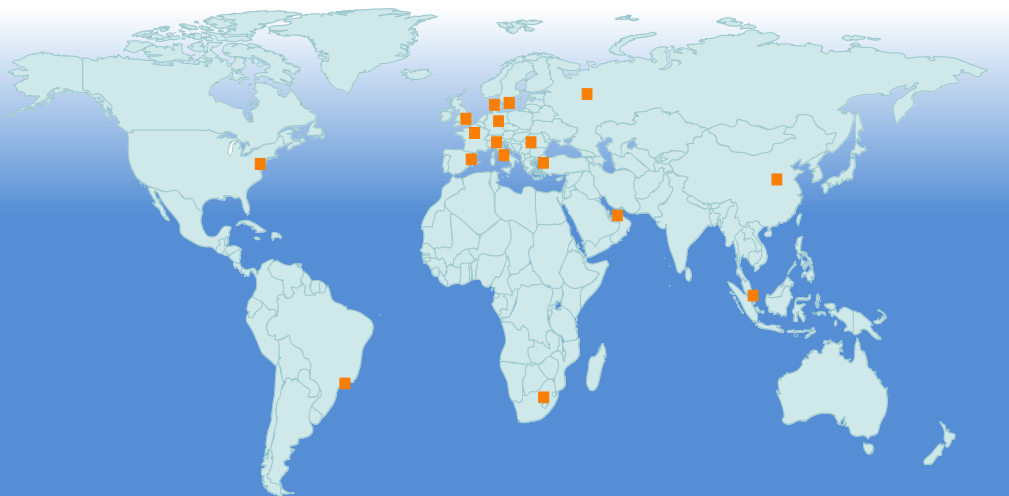
- Cost effective

- Ergonomics and working environment and equipment

- HACCP systems - Food safety

- Traceability / Documentation

- Environmental impact



For more information

www.seko.com

