DOSING SYSTEMS FOR

SWIMMING POOLS

ISO 9001:2000 CERTIFIED COMPANY

seko

innovation > technology > future

Dosing systems for Swimming pools

The quality of the water from a health, aesthetic, and safety point of view is the main characteristic in dealing with swimming pools. Seko has made automatic systems for all needs and applications - private, semi-public, and public swimming pools.

The automatic systems make it possible to analyse the water and to suitably pilot dosing units to maintain optimum water quality. The ease with which the unit is calibrated and set protects the work done by both installer and end user, in order to provide a service that fully complies with all relevant laws.

Our wide range of measuring and dosing systems provides a wide range of solutions in terms of type of measurement, dosing methods, and full compatibility with the widest range of products used for treating pool water.

Seko offers its services, acting as a partner that is capable of designing and developing the solution that best meets your needs for all swimming pool applications.

contents

Domestic

Pool BASIC

The SEKO Group has developed a simple and reliable system made up of an industrial container that houses the dosing pumps and instruments thus making installation and maintenance easy. Application of peristaltic technology - low noise output, easy to use, low maintenance, protection against siphoning phenomena, avoidance of direct contact with chemical products.

Pool Basic pH

Flow rate	1.5 l/h or 5 l/h
Backpressure	1.5 bar
pH measurement scale	6.2...8.0

Calibration assisted by a Quality electrode

Easy to assemble

230 Vac Flow signal input

Pool Basic Redox

Flow rate	1.5 l/h or 5 l/h
Backpressure	1.5 bar
Redox measuring scale setting	
660...840 mV - 560...740 mV - 660...1020 mV	
460...820 mV	

Selection Redox scale

Calibration assisted by a Quality electrode

230 Vac Flow signal input

Pool Basic pH/Redox

Flow rate	1.5 l/h or 5 l/h
Backpressure	1.5 bar
pH measurement scale	6.2...8.0
Redox measuring scale setting	660...840 mV - 560...740 mV - 660...1020 mV 460...820 mV

Calibration assisted by a Quality electrode

Selection Redox scale

230 Vac Flow signal input

- Plastic container with IP 55 protection level
- LED Display
- Protection against unauthorised interference
- Electrode self-calibrating
- Electrode quality control
- Immediate set point reading
- Pump pause and flashing LED for alarm status
- Programmable dosing times
- Simple, fast set point programming
- Adjustable set points
- Power Supply: 230 Vac (115 upon request)

Installation kit

Basic pH	•	•	•	•		•	•	
Basic Redox	•	•	•	•	•			•
Basic pH/Redox	•	•	•	•	•	•	•	•

- Level probe input
- Flow sensor input
- Flow signal input (at 230 V voltage for connection to circulation pump)
- PT100 temperature sensor input (optional sensor)
- Relay control for indicating when the dosing pump is working (230 V contacts)
- End product level alarm
- Pump on “HOLD” for calibration or alarm status
- OFA (Over Feed Alarm) on the dosing cycle

Pool Plus

The POOL PLUS range is made up of three different systems, designed and built with particular attention being given to needs expressed by clients, and able to measure and control pH and Redox levels under any operating condition.

POOL PLUS

pH measurement scale	0...14.00 pH
Redox measurement scale	0...1500 mV
Alarm kit	standard
Direct connection of pumps	
0/4...20 mA output for transmitting measurements	

POOL PLUS P

pH measurement scale	0...14.00 pH
Redox measurement scale	0...1500 mV
Alarm kit	opzionale
Direct connection of pumps	
Manual calibration of instruments	
Pump pause for level or flow alarm	

- **Simple to install.**
- **Plastic container with degree of protection IP 55**
- **Electrical connections on internal terminal board**
- **Power supply 230 Vac 115 Vac (upon request) at 50 - 60 Hz**
- **Switch to pause pump**
- **Main switch for the system**
- **Remote alarm cut-out switch (only with alarm kit)**
- **LCD display**
- **pH-20 instrument for measuring and controlling the pH**
- **MV-20 instrument for measuring and controlling Redox**
- **Precision multi-turn regulation trimmer**
- **Two programmable set points (pump and alarm setting)**

Installation kit

Main switch for the system

LCD measurement display

Visual alarm

Built-in dosing system, easy to maintain

TmDigit

The TM series of dosing systems use simple analogue or digital programmers to provide effective, economical timed dosing of chemical products.

Power supply:	230 Vac (115 Vac upon request)
Power rating:	5 W
Overall dimensions:	155 x 213 x 110 mm
	0,4 l/h - 1,5 ba

- **IP 55 Protection level**
- **Simplicity of installation, use and maintenance**
- **Integrated Peristaltic Pump**
- **Digital or analogue time programmer**
- **Low noise output**

Analogue Programmer

The analogue version can be used for programming daily events, and it is also possible to set operating time easily, using the internal circuit.

Digital Programmer

Up to a maximum of 8 events can be programmed for the system for each day of the week. The programmer also makes it possible to activate the dosing pump manually or to deactivate its activation.

Digital or Analogue timer system

Easy Maintenance of Peristaltic Pump

Simplicity of installation

Semi-Professional

Kontrol Panels

The Kontrol series of panels are compact and easy to use and include all the accessories required for immediate installation (buffer solutions for calibrating pH and Rx, and DPD colour system for Chlorine calibration).

- **Self-calibration of all measurements**
- **Compact probe holders, complete with flow sensor, flow rate regulating valve and tap for bleeding the liquid.**
- **Alarm signal to indicate that the water is not flowing,**
- **Instruments with IP 65 protection level.**
- **Alarm relay (5 A – 250 Vac)**
- **4-20 mA outputs for each parameter measured, with provision for selecting the interval**
- **Power supply 230 Vac (standard) or 115 Vac (upon request)**
- **Programmable set points and alarm**
- **Pump pause function during calibration**
- **Temperature reading and temperature offset (automatic with optional PT100 probe)**
- **Adjustments on set point: On/Off, pause/run, proportional by impulse**

KONTROL PC

Panel for measuring and setting the pH value and Chlorine concentration.

- **PC95 Instrument**
- **Self-cleaning (Pt-Cu) amperometric cell**
- **Self-calibration in relation to the physical-chemical characteristics of the water to be measured.**
- **pH probe**
- **Self-calibration with quality control of the probe**
- **Solenoid valve to shut off the flow of water for self-calibration**
- **Mechanical filter at water intake.**
- **Available upon request the version for high conductivity (example water of sea)**

Compact plumbing

Visible electronic box

Easy to assemble

KONTROL PR

Panel for measuring and setting the pH value and Redox potential (ORP).

- **PR95 Instrument**
- **Redox (ORP) probe**
- **pH probe**
- **Self-calibration with quality control of the probe**
- **Mechanical filter at water intake**

Compact plumbing | **Visible electronic box** | **Easy to assemble**

KONTROL CL

Panel for measuring and setting the Chlorine concentration.

- **CL95 Instrument**
- **Self-cleaning (Pt-Cu) amperometric cell**
- **Self-calibration in relation to the physical-chemical characteristics of the water to be measured**
- **Solenoid valve to shut off the flow of water for self-calibration.**

Compact plumbing | **Visible electronic box** | **Easy to assemble**

KONTROL PRC

Panel for measuring and setting the pH value, Redox potential (ORP), and Chlorine concentration.

- **PC95 Instrument**
- **PR75 Instrument**
- **Self-cleaning (Pt-Cu) amperometric cell**
- **Self-calibration in relation to the physical-chemical characteristics of the water to be measured**
- **pH probe**
- **Redox (ORP) probe**
- **Self-calibration with quality control of the probes**
- **Solenoid valve to shut off the flow of water for self-calibration**
- **Mechanical filter at water intake**

Compact plumbing | **Visible electronic box** | **Easy to assemble**

KONTROL PC-Cond

Panel for measuring and setting the pH value, conductivity (mS) and Chlorine concentration

- **PC95 Instrument**
- **CD75 Instrument**
- **Self-cleaning (Pt-Cu) amperometric cell**
- **Self-calibration in relation to the physical-chemical characteristics of the water to be measured**
- **pH probe**
- **K1 conductivity probe**

Compact plumbing | **Visible electronic box** | **Easy to assemble**

KONTROL DPR

Panel for measuring and setting the pH value and Redox potential (ORP)

- **Dosing pump with built-in Tekna DPH instrument.**
- **Dosing pump with built-in Tekna DRX instrument.**
- **Redox probe**
- **pH probe**
- **Self-calibration with quality control of the probes**
- **Mechanical filter at water intake**
- **Probe holder complete with sensor and flow regulator**

Compact plumbing | **Visible electronic box** | **Easy to assemble**

TEKNA DPR

pH and Redox instrument

The Tekna DPR series of dosing pumps have a built-in control instrument and are able to measure, check, and regulate the pH and Redox potential. By using the probe and relative buffer solutions, a single product can be used to tackle most of the needs of small water treatment systems.

Automatic calibration

Calibration is obtained by simply pressing a key, and the efficiency level of the probe can be checked automatically, making this product the ideal partner when installing and maintaining the system.

Forming the connection for the **level probe**

4-20 mA output over the instrument's reading range

Proportional dosing for a programmable measuring range

pH measuring range: 0 – 14, settable accuracy of 0,1 or 0,01 pH

Redox measurement range: -999 - +999 mV, accuracy 1 mV.

Model	Pressure	Flow Rate	Cm^3/stroke	Connections	Strokes/min	Weight
	Bar	L/h		In/Out		Kg
602	8	5	0,21	4/6	400	1,7
	5	6	0,25			
	1	8	0,33			
902	10	10	0,42	4/6	400	3,1
	6	12	0,50			
	2	14	0,58			

Professional

PhotoMeter

The Photometer is a SINGLE RAY PHOTOMETER that is suitable for measuring the free or total chlorine content of primary or discharged water.

Chlorine analysis is applied to systems for making water potable, for water discharged from civil and/or industrial purifiers, public and private sports complexes that include swimming pools, and more generally in all plants in which water must be chlorinated for health purposes, and where free or total chlorine levels must be kept within limits laid down in the laws in force.

Photometer carries our PHOTOMETRIC analysis (520 nm), using the same procedure as that for laboratory analysis, but its cycle is fully automatic.

PHOTOMETER 1

The Photometer 1 is able to carry out photometric analysis in an automatic cycle. The type of analytical method applied to this equipment makes high precision measurements possible, and requires very little maintenance.

Photometric (520 nm) **Measuring Principle**	
Photometric cell **measuring sensor** in a treated glass cylinder.	
Possible measurements	Residual free chlorine (std.)
	Total chlorine (upon request)
Measurement range:	0.00 to 2.00 ppm of Cl2
Display – 3 figures and 7 segments	
Accuracy	± 1% of the photocell
Repeatability:	98% of the measurement
Ambient working temperature:	0 – 35°C
Relative humidity:	0 – 90%
Temperature of liquid examined:	5 – 35°C
Turbidity of the liquid examined:	≤ 10 FTU
Control thresholds:	2 ON-OFF (min-max)
Relay contacts:	Max. 3A 220V (resistance load)
Current outputs	÷ 4 - 20mA
Pressure of liquid examined:	0,1 – 0,3 atm Stable
Analysis frequency:	5 minutes standard
Intervals programmable:	10-15-25-50 minutes
Power Supply:	0-110-220V 50Hz
Power rating:	30W max
Dimensions:	600x360x250 (bxhxp)
Weight:	about 7 kg

Peristaltic pump for dosing the reactants into the photometric cell, fitted with alarm check for operating failure.

Bottles of DPD1 and DPD2 colour reactant, pre-packed and easy to replace.

Photometric cell in a treated glass cylinder. Fitted with a highly sensitive photo sensor and magnetic solenoid valve. Automatic flushing.

PHOTOMETER 4

Multi-parameter, microprocessor analyser / controller for residual Free of Total* Chlorine, pH, Redox potential, and Temperature.

(*upon request)

The Photometer 4 is able to carry out photometric analysis in an automatic cycle.
The type of analytical method applied (DPD DIETHYL-PARAPHENYL-DIAMINE PHOTOMETRIC METHOD) makes high precision measurements possible.

Power supply	**0 - 110 - 220V 50Hz 60W**
IP 55	**Protection Level**
Weight	**11.5 Kg**
Dimensions	**605x390x240 mm (lxhxp)**

CHLORINE MEASUREMENT
(DPD DIETHYL-PARAPHENYL-DIAMINE PHOTOMETRIC METHOD)

Range	0.00 ÷ 5.00 ppm Cl2
Resolution	0.01 ppm Cl2
Display	luminous red LED
Set-Points	3 settable
Max. load for Set	3A 220V (resistance load)
Current output	0/4÷20 mA 500 &
Analysis frequency:	Programmable between 3 and 60 minutes

pH MEASUREMENT
(COMBINED SINGLE-TUBE ELECTRODE)

Range	00.00 ÷ 14.00 pH
Resolution	0.1 pH
Display	luminous red LED
Set-Points	2 settable
Max. load for Set	3A 220V (resistance load)
Current output	0/4 ÷ 20 mA 500 Ω

Peristaltic pump for dosing the reactants into the photometric cell, fitted with alarm check for operating failure.

Photometric cell in a treated glass cylinder. Fitted with a highly sensitive photo sensor and magnetic solenoid valve. Automatic flushing.

Bottles of DPD1 and DPD2 colour reactant, pre-packed and easy to replace.

REDOX MEASUREMENT
(COMBINED GOLD SINGLE-TUBE ELECTRODE)

Range	± 1000 mV
Resolution	± 1 mV
Display	luminous red LED
Current output	0/4 ÷ 20 mA 500 Ω
Analysis time	Continuous

TEMPERATURE MEASUREMENT
(NTC PROBE)

Range	0 ÷ 50 °C
Resolution	± 0.1 °C
Display	luminous red LED
Current output	0/4 ÷ 20 mA 500 Ω
Analysis time	Continuous

Hand Held Measuring Instruments

Tester

These easy to use, extremely practical instruments are the latest generation of hand held instruments.

- **Large LCD display**
- **Sensor and batteries easy to replace**
- **Easy to use**
- **Impermeable to water**
- **Self switch-off after 8,5 minutes**
- **Battery charge indicator**
- **Battery lifespan: more than 500 hours**
- **Operation temperature: 0 to 50 °C**
- **Measurement from –1,0 to 15,0 pH (accuracy ± 0,1 pH).**

pH Tester

- Measurements from -1.00 to 15,00 pH (accuracy ±00,1 pH)

pH-Temp Tester

- Large, double reading, LCD display.
- Temperature measurement range: 0-50°C or 32,0-122,0°F (accuracy 0,5°C or 0.9°F).
- Measurements from -1.00 to 15,00 pH (accuracy ±00,1 pH)

ORP (Redox) Tester

- Measurements from –999 mV to 1000 mV (accuracy ± 2 mV).

Cond Low Tester

- Measurements from 0 to 19,90 mS/cm (accuracy ± 1% of full scale)
- Battery lifespan: more than 150 hours

Cond High Tester

- Measurements from 0 to 19,90 mS/cm (accuracy ± 1% of full scale)
- Battery lifespan: more than 150 hours

Practical waterproof support

Batteries easy to replace

Sensor easy to replace

Series 6

pH-ORP6 Series

- pH measurements from 0,00 to 14,00 (accuracy ±00,1 pH)
- Redox measurement ± 1000 mV (accuracy ± 2 mV).
- Temperature measurement from 0,0 to 100 °C (accuracy ± 0,5 °C)
- Automatic / manual temperature offset (0 – 100°C).

Con6 Series

- Measurements 0-20.00, 200.0, 2000 mS/cm (accuracy ± 1% of full scale)
- Measurements 0-20.00, 200.0 mS/cm (accuracy ± 1% of full scale)
- Temperature measurement from –10,0 to 110,0 °C (accuracy ± 0,5 °C)
- Automatic / manual temperature offset (0 – 50°C).

Ox6 Series

- Measurements 0 – 10,00, 10.0 – 100,0, 100 – 1000 ppm (accuracy ± 1% of full scale)
- Measurements 1,00 – 10,00, 10,0 – 100,0, 100 – 200 ppt (accuracy ± 1% of full scale)
- Temperature measurement from – 10,0 to 110,0 °C (accuracy ± 0,5 °C)
- Automatic / manual temperature offset (0 – 50°C).

pH-Redox signal simulator

- pH simulation values 1.00, 1.68, 4.01, 6.86, 7.00, 9.18, 10.01, 12.45 (accuracy ± 0,02 pH)
- Redox simulation values –1800, -900, -390, +390, +900, +1800 mV (accuracy ±1 mV)
- Operation temperature: 0 to 40 °C

Practical container

Protective casing

Waterproof keyboard

Hand Held Measuring Instruments

C401 Portable Photometric Measuring Instrument

- Measurement of the concentration of free Cl, total Cl, cyanic acid, and pH.
- Impermeable to water
- Free and total Cl measurements: 0 – 1,99 and 2,0 – 6,0 ppm (accuracy ± 00,2 or ± 0,2 ppm).
- Cyanic acid measurement 5 – 90 ppm (accuracy ± 4 ppm).
- pH measurement 5,9 – 8,2 (accuracy 0,1 pH)
- Operation temperature: 0 to 50 °C
- Battery charge indicator
- Battery type “AAA” (x4).
- Battery lifespan: more than 3000 tests

T101 portable turbidity measuring devices

- Impermeable to water
- Self-selection of measuring interval 0,01 – 19,99, 20,0 – 99,9, 100 – 1000 NTU (accuracy ± 2% of the reading)
- Operation temperature: 0 to 50 °C
- Battery charge indicator
- Battery type “AAA” (x4).
- Battery lifespan: more than 1200 tests
- Light lifespan: more than 1,000,000 tests

Batteries easy to replace

Waterproof keyboard

Practical container

Measure Instruments

Series 60

Panel (96x96) and wall-mounted (144x144) instruments.

PH 60
pH measurement and control: from 0 to 14 pH with 0,1 pH accuracy

RX 60
Redox potential measurement and control:
two measuring intervals available
(0 - +1500, -1000 - +1000 mV) with 1 mV accuracy.

- **Two HI/LO type set points, with delay function for set point 2**
- **4/20 or 0/20 mA proportional output for repetition of remote measurement**
- **Manual or automatic temperature offset**
- **Current output with galvanic separation (upon request)**

Easy setting (Trimmer) | **Practical Function Switches** | **User-friendly keyboard**

Series 75

Instruments that use technologically advanced micro-processor electronics for accurate measurements (pH or Redox).

PR75-A
IP65 sealed field version DIN 144x144 mm.

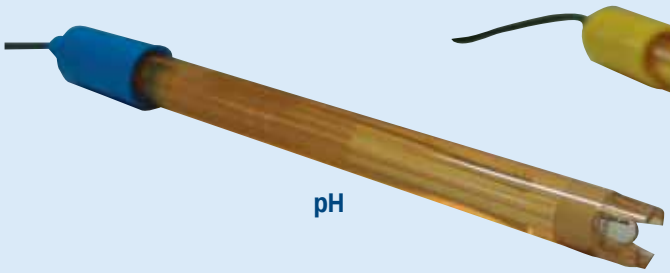
PR75-C
Panel version with IP65 front DIN 96x96 mm.

- **Two MINIMUM-MAXIMUM or ALARM set points that can be set**
- **ON-OFF and PROPORTIONAL CURRENT regulation modes**
- **Manual or automatic temperature offset**

Practical Function Switches | **User-friendly keyboard** | **Descriptive display**

Probes and Accessories

PROBES



pH

Redox

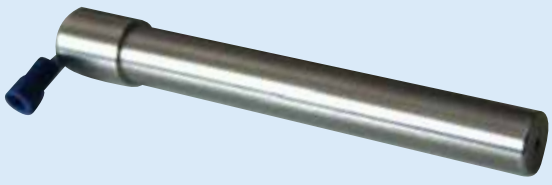
Electrode type	Measurement range	Minimum conductivity	Maximum temperature	Max. pressure	Porous septum	Reference	Connection	Process assembly	Casing
pH									
SPH-1-S-6	0... 14 pH	50 µS	60 °C	7 bar	1 Standard	GEL	Cable 6m+BNC	Standard Ø 12	Epoxy 12x120
SPH-1-S-1,5	0... 14 pH	50 µS	60 °C	7 bar	1 Standard	GEL	Cable 1,5m+BNC	Standard Ø 12	Epoxy 12x120
SPH-3-WW	2... 14 pH	5 µS	80 °C	6 bar	Open hole	GEL	S7	PG 13,5	Glass 12x120
Redox									
SRH-1PT 6	±2000 mV	-	60 °C	7 bar	1 Standard	GEL	Cable 6m+BNC	Standard Ø 12	Epoxy 12x120
SRH-1PT 1,5	±2000 mV	-	60 °C	7 bar	1 Standard	GEL	Cable 1,5m+BNC	Standard Ø 12	Epoxy 12x120
SRH-3-PT	±1000 mV	-	80 °C	6 bar	Open hole	GEL	S7	PG 13,5	Glass 12x120

PT-100-V

PT-100-NUT

PT-100 temperature sensor

PT-100-V	0- 100 °C	2 Bar	Glass casing	12 mm Ø length 120 mm	3-core cable 5 m long
PT-100-NUT	0- 100 °C	6 Bar	PVC casing	1/2 gas	2-core cable 1 m long



AISI 304 Electrode

Elimination of parasitic currents. Mechanical connection Standard Ø 12 mm

CABLES

Cables for connecting electrodes to the S7 head

CE-5-B	screened cable with S7 and BNC soldered connectors, 5 m long
CE-10-B	screened cable with S7 and BNC soldered connectors, 10 m long

ELECTRODE HOLDER

PSS7

PSS3

PSS PG

Model	Description	N° Electrodes	Temp. max	Maximum Time
PSS 7	transparent glass	3	40 °C	6 bar

Model	Description	Maximum Time	Max. pressure	Process connection	Electrode connection
PSS 3	PP	80 °C	7 bar	1/2" G.M.	Ø 12 mm
PSS-PG	PVC	80 °C	7 bar	1/2" G.M.	P.G. 13,5 mm

BUFFER SOLUTIONS

Model	Value	Quantity
KIT ST	4-7 pH, 465 mV 20 °C	90 ml
ST-PH-4	4,00 pH 20 °C	250 ml
ST-PH-7	7,00 pH 20 °C	250 ml
ST-RX-465	465 mV 25 °C	250 ml

250 ml

KIT

Dosing Units and Accessories

INVIKTA

The **Invikta Series** is made up of a simple, reliable, electromagnetic pump, based on a microprocessor.

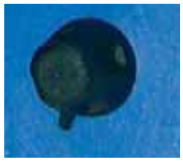
Wall mounting:
- directly on the wall
- fixing bracket kit

The outer PP plastic container has an IP65 protection level and protects the unit from water spray and can withstand aggressive environments

Pump casing with manual priming valve

Standard power supply
90-265 Vac
(20-90 Vac upon request)

The pump has an input for the level probe



Manual regulation of the flow rate from 0 (pump stopped) to 100% of maximum flow rate

Operating status LED:
- Flashes when the pump is operating
- Flashes slowly when the pump is stopped
- Flashes quickly when a level alarm is activated

PERISTALTIC Pump

Peristaltic pump technology means low maintenance, low noise output, and that no valves are used at all.

MODELS:

PE-1,5.1,5	1,5 lit/h (constant flow rate) at 1,5 max
PE-1,5.05	5 lit/h (constant flow rate) at 1,5 max
PR4	4 lit/h (adjustable flow rate) at 1,5 bar

TEKNA pump

Electromagnetic dosing pumps with working frequency adjustment (400 imp/min max)

MODELS:

AXL: analogue, constant flow rate, with switch to reduce maximum flow rate (1/10).

DPG: Inlet for external analogue signal (e.g. thrust impulse counter) with impulse multiplier / divider and external digital signal 0/4-20 mA (or 20-4 mA)

Model	Pressure (bar)	Flow rate (Lt/h)
AXL 602 • DPG 602	8	5
	5	6
	1	8
AXL 902 • DPG 902	10	10
	6	12
	2	14

Electromechanical Pumps

SPRING Series

Dosing pumps with spring return mechanism. Version with plunging piston or mechanical membrane.

MODELS:

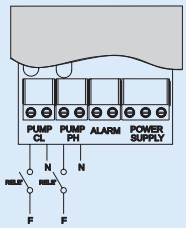
Serie PS1:	
max flow rate 304 l/h	max pressure 20 bar
Serie PS2	
max flow rate 1000 l/h	max pressure 20 bar
Serie MS1	
max flow rate 460 l/h	max pressure 10 bar
Serie MS0	
max flow rate 47 l/h	max pressure 5 bar

KOMPACT AXL-DPG

Panels with 2 dosing pumps and electric wiring box, particularly suitable for installing with Kontrol series panels.

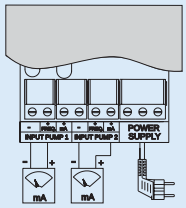
Kompact AXL

- **N° 2 Tekna AXL analogue dosing pumps for continuous operation (available in 602 or 902 versions)**
- **Electric wiring box**



Kompact DPG

- **N° 2 Tekna DPG digital dosing pumps for proportional operation (available in 602 or 902 versions)**
- **Electric wiring box**



Easy to assemble

Compatible with chemical products

Easy to assemble

FILTERS

Housings and filter cartridges

HOUSINGS FOR FILTER CARTRIDGES MINOR 5" SERIES

Operating conditions
Maximum pressure: 8 bar
Minimum temperature: 2 °C
Maximum temperature: 50 °C

Characteristics
Non-toxic materials
Head: Loaded polypropylene
IN/OUT threaded inserts: Brass
Cup: SAN and White loaded polypropylene
O-Ring: NBR
Flow rate: 120 lt/min
Lifetime test: 200,000 cycles from 0 to 10 bar

FILTER CARTRIDGES RLN SERIES

Average lifetime: Variable, maximum 24 months
Maintenance: Wash every 3 months
Operating conditions
Maximum temperature: 50 °C

Characteristics
Non-toxic materials
Filtering material: Nylon (polyamide)
External support: Polypropylene
Caps: Polypropylene
Seals: EPDM

STIRRERS

Electrical stirrers with three-phase motor (single-phase upon request), and fixing flange.
Specifically made for fitting on SER series tanks.
Materials in contact with the liquid:
non-toxic PVC or AISI 316. Speed:1400 or 70 rpm.

Slow 70 rpm • Fast 1400 rpm
600 mm
800 mm
900 mm
1100 mm

TANKS

Specifically designed for assembling along with both electromechanical and electromagnetic dosing units with stirrers and dosing pumps. Made using a centrifugal purpose, the mechanical strength of these tanks is guaranteed. Made of food-grade polyethylene, these tanks are compatible with almost all chemical products used in dosing systems.

Model	Height (cm)	Diameter (cm)
50	45,5	40
100	64	46
250	87	59.5
300	95	67
500	118,5	76
1000	122	108,5

SUCTION PLUNGERS

Designed and built for easy, immediate use, they ensure regular operation of the..They are all fitted with foot filter and are available inversions that have built-in level probe to indicate when the chemical product is finished in order to prevent vacuum dosing that would damage the pump.

Heights (mm)	Model tanks
450	Ser50
650	Ser100
900	Ser250
1050	Ser300
1250	Ser500/1000

seko

www.seko.com

ISO 9001:2000 CERTIFIED COMPANY

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