

Swimming Pool equipments

CONTROLLERS AND METERING DOSING PUMPS



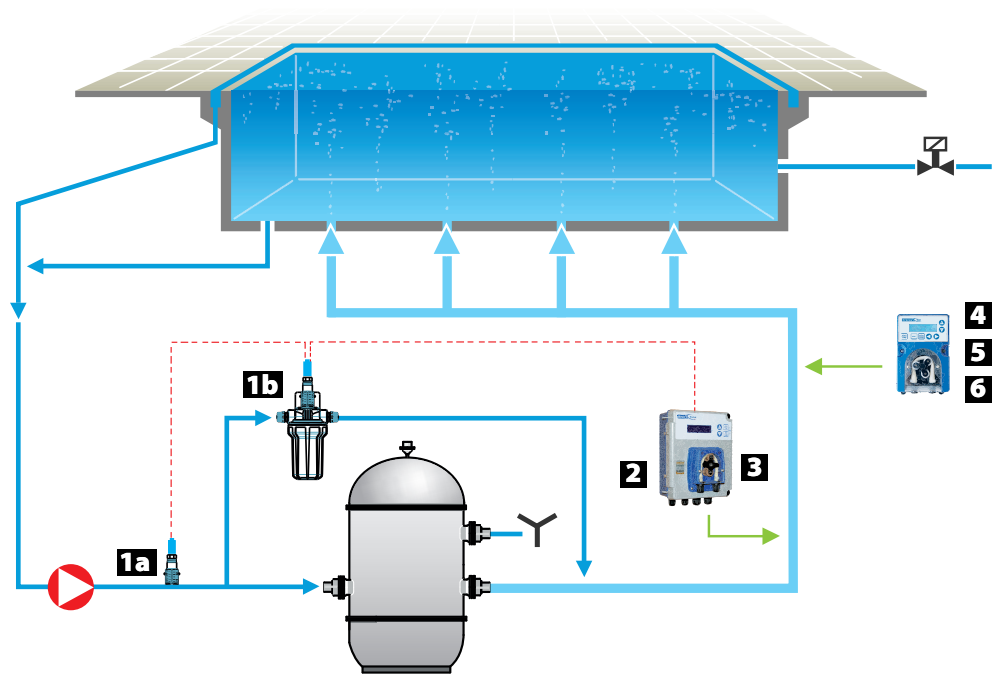
innovation > technology > future

■	equipments for residential pools	page 05
■	equipments for professional pools	page 15
■	equipments for swimming pools	page 23
■	accessories	page 29

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 residential and public swimming pools needs.

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.



- 1** Probe holder **a** standard – **b** on demand
- 2** Measuring Instruments
- 3** Dosing pump for pH inhibitor
- 4** Dosing pump for chlorine inhibitor
- 5** Dosing pump for algae inhibitor
- 6** Dosing pump for flocculant inhibitor

SPA

Wellness center

Domestic Above ground pools

Above ground pools

Indoor and Outdoor Residential Pools

equipments for **residential pools**



page 06

Single Pump

pH

Redox

Timed dosing

Proportional dosing

page 08

Double pumps

pH ; Redox

pH ; H₂O₂

pH minus ; pH plus

pH ; Flocculant

pH ; Chlorine

pH ; Redox ; Circulation pump and boiler automation

page 11

Triple Pumps

pH ; Redox ; Flocculant

pH minus ; Redox ; pH plus

pH ; Redox ; Chlorine ; Flocculant

pH ; Redox ; Circulation pump and boiler automation

page 12

Easy panel system

pH ; Redox controller

pH ; Redox double peristaltic pumps

pH ; Redox double solenoid pumps

Single Pump systems

The main solution for residential swimming pool. Thanks to user-friendly Combined products it is possible to adjust pH and Chlorine values, with controller instruments and proportional dosing pumps integrated.



PoolBasic Led

User-friendly combined system with a peristaltic pump and single measurement with automatic proportional dosing to adjust chemical environmental for above ground pools.

MODELS	pH 6.2 ÷ 8.2	SPHBASPAX000
	Redox 480 ÷ 750 mV / 660 ÷ 930 mV	SMVBASPAX000
POOL SIZE	Indoor from 5m ³ to 130m ³ ; Outdoor from 5m ³ to 110m ³	
1 PERISTALTIC DOSING PUMP	Santoprene tubing Flow rate 1,5 or 5 L/h ; Pressure 1,5 bar	
MAIN BOARD	Display LED ; Power Supply 220÷240 Vac 50/60Hz	
ENCLOSURE BOX	Dimensions 234 x 162 x 108 mm ; Material PP ; Protection degree IP65	

INSTALLATION KIT INCLUDED

PROBES	BUFFER SOLUTIONS	PIPING DN50	FILTER AND VALVE	TUBES PVC / PE
 pH  Redox	 pH  Redox	 Saddle bracket	 Ceramic Foot filter  Not return FPM valve	 4x6 and 8x12 PVC and PE tubes

■ The POOL SIZE estimation is included for evaluation and explicative purposes only. The estimation was calculated on the premise of the exclusive use of professional concentrated chemical products.



PoolBasic Plus

User-friendly combined system with a peristaltic pump and single measurement with automatic proportional dosing to adjust chemical environmental for above ground pools.

MODELS	pH 0÷14.0	SPHBASPA0046
	Redox 0÷1000 mV	SMVBASPA0012
	Redox with shuko	SMVBASPA0013
POOL SIZE	Indoor from 1m ³ to 250m ³ ; Outdoor from 1m ³ to 110m ³	
1 PERISTALTIC DOSING PUMP	Santoprene tubing Flow rate 1,5 or 5 L/h ; Pressure 1,5 bar	
MAIN BOARD	Alphanumeric Display 16 letters X 2 lines Power Supply 220÷240 Vac 50/60Hz	
ENCLOSURE BOX	Dimensions 234 x 162 x 108 mm ; Material PP ; Protection degree IP65	

INSTALLATION KIT INCLUDED

PROBES	BUFFER SOLUTIONS	PIPING DN50	FILTER AND VALVE	TUBES PVC / PE
 pH  Redox	 pH  Redox	 Saddle bracket	 Ceramic Foot filter  Not return FPM valve	 4x6 and 8x12 PVC and PE tubes

■ The POOL SIZE estimation is included for evaluation and explicative purposes only. The estimation was calculated on the premise of the exclusive use of professional concentrated chemical products.

- Easy setting parameters
- Proportional dosing by time (PWM function)
- Quality pH and ORP probe during calibration routine
- Relay pH and Chlorine for extra dosing
- Installation kit included

- No Technical skill required
- Circulation pump check power on "Flow Trigger"
- Relay Alarm remote
- Input Level Probe to check the level product
- Multi language menu



Kontrol Invikta

User-friendly combined system with a solenoid pump and single measurement with automatic proportional dosing to adjust chemical environmental for above ground pools, indoor, outdoor pools.

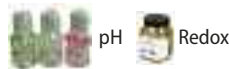
MODELS	pH 0÷14.0	SPHBASEM0000
	Redox 0÷1000 mV	SMVBASEM0000
POOL SIZE	Indoor from 50m ³ to 350m ³ ; Outdoor from 50m ³ to 300m ³	
1 SOLENOID DOSING PUMPS	Proportional Dosing FWM (Frequency with Modulation) Flow rate 5 L/h ; Pressure 5 bar Wetted parts Body in PVC ; Membrane in PTFE	
MAIN BOARD	Alphanumeric Display 16 letters X 2 lines	
	Power Supply 220÷240 Vac 50/60Hz	
ENCLOSURE BOX	Dimensions 234 x 162 x 108 mm ; Material PP ; Protection degree IP65	

INSTALLATION KIT INCLUDED

PROBES



BUFFER SOLUTIONS



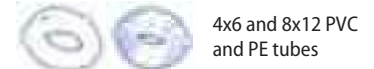
PIPING DN50



FILTER AND VALVE



TUBES PVC / PE



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■ Basic PRO ■ Basic TIME

Basic Series

Advanced combined system with a peristaltic pump with automatic proportional or timed dosing to adjust essence chemical environmental for domestic above ground pools and SPA.

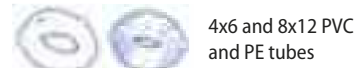
MODELS	PRO Input 4÷20mA	SFKBAXPM1000
	TIME Weekly timer	STMBAXPM1000
POOL SIZE	from 1m ³ to 250m ³	
1 PERISTALTIC DOSING PUMP	Santoprene tubing Flow rate 25 ÷ 9750 mL/h ; Pressure 1,5 bar	
MAIN BOARD	Alphanumeric Display 16 letters X 2 lines	
	Power Supply 220÷240 Vac 50/60Hz	
ENCLOSURE BOX	Dimensions 234 x 162 x 108 mm ; Material PP ; Protection degree IP65	

INSTALLATION KIT INCLUDED

FILTER AND VALVE



TUBES PVC / PE



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Double Pumps systems

Seko has developed new Advanced combined System with Amperometric Chlorine measure for hotel and wellness swimming pool according to law rules.



(*) By time and temperature compensation

(**) with Free Chlorine Amperometric probe

PoolBasic Pro

User-friendly combined system with two peristaltic pumps and multi measurement with automatic proportional dosing to adjust chemical environmental for above ground pools, indoor, outdoor pools.

MODELS	pH 0÷14.0 ; Redox 0÷1000 mV	SPMBASPAX000
	pH 0÷14.0 ; Redox with shuko	SPMBASPA0007
	pH+ 0÷14.0 ; pH- 0÷14.0	SPMBASPA0022
	pH 0÷14.0 ; Flocculant	SPMBASPA0022
	pH 0÷14.0 ; Hydrogen Peroxide(*)	SPMBASPA0023
	pH 0÷14.0 ; Redox 0÷1000 mV ; Conductivity 0÷20000 µS	SXDBASPAx000
	pH 0÷14.0 ; Redox 0÷1000 mV ; Free Chlorine : 0÷5,00 ppm(**)	SXCBASPAx000
POOL SIZE	Indoor from 1m ³ to 250m ³ ; Outdoor from 1m ³ to 110m ³	
2 PERISTALTIC DOSING PUMPS	Santoprene tubing Flow rate 1,5 or 5 L/h ; Pressure 1,5 bar	
MAIN BOARD	Alphanumeric Display 16 letters X 2 lines Power Supply 220÷240 Vac 50/60Hz	
ENCLOSURE BOX	Dimensions 286 x 234 x 108 mm ; Material PP ; Protection degree IP65	

INSTALLATION KIT INCLUDED

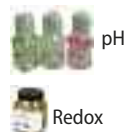
PROBES



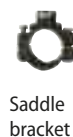
PROBE HOLDER



BUFFER SOLUTIONS



PIPING DN50



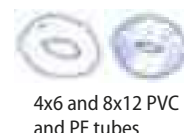
BRASS BRUSH



FILTER AND VALVE



TUBES PVC / PE



■ The POOL SIZE estimation is included for evaluation and explicative purposes only. The estimation was calculated on the premise of the exclusive use of professional concentrated chemical products.

- Advanced setting parameters
- Proportional dosing by time (PWM function)
- Quality pH and ORP probe during calibration routine
- Relay pH and Chlorine for extra dosing
- Installation kit included
- Chlorine in PPM value Amperometric Sensor

- No Technical skill required
- Circulation pump check power on "Flow Trigger"
- Relay Alarm remote
- Input Level Probe to check the level product
- Multi language menu
- Circulation and Boiler controller



Kontrol Invikta Double

User-friendly combined system with two solenoid pumps and multi measurement with automatic proportional dosing to adjust chemical enviromental for above ground pools, indoor, outdoor pools.

MODELS	pH 0÷14.0 ; Redox 0÷1000 mV	SPMBASEMxxxx
	pH 0÷14.0 ; Redox 0÷1000 mV ; Free Chlorine 0÷5,00 ppm(*)	SXCBASEMxxxx
POOL SIZE	Indoor from 50m ³ to 350m ³ ; Outdoor from 50m ³ to 300m ³	
2 SOLENOID DOSING PUMPS	Proportional Dosing FWM (Frequency with Modulation)	
	Flow rate 5 L/h ; Pressure 5 bar	
	Wetted parts Body in PVC ; Membrane in PTFE	
MAIN BOARD	Alphanumeric Display 16 letters X 2 lines	
	Power Supply 220÷240 Vac 50/60Hz	
ENCLOSURE BOX	Dimensions 286 x 234 x 108 mm ; Material PP ; Protection degree IP65	

(*) with Free Chlorine Amperometric probe

INSTALLATION KIT INCLUDED

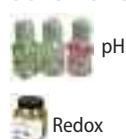
PROBES



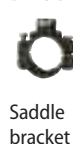
PROBE HOLDER



BUFFER SOLUTIONS



PIPING DN50



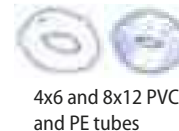
BRASS BRUSH



FILTER AND VALVE



TUBES PVC / PE



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Double Pumps systems



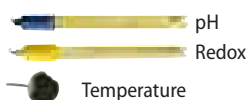
Kommander

Advanced combined system with two peristaltic pumps with automatic proportional or timed dosing to adjust essence chemical enviromental for outdoor pools and wellness center.

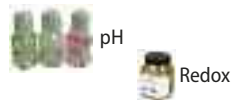
MODEL	pH 0÷14.0 ; Redox 0÷1000 mV	SPMKO3PA1xxx
POOL SIZE	Indoor from 1m ³ to 250m ³ ; Outdoor from 1m ³ to 110m ³	
2 PERISTALTIC DOSING PUMPS	Santoprene Tubing Flow rate 1,5 or 5 L/h ; Pressure 1,5 bar	
CIRCULATION PUMP AND BOILER 1,5 KW ACTION BY RELAY		
MAIN BOARD	Alphanumeric Display 16 letters X 2 lines Power Supply 220÷240 Vac 50/60Hz	
ENCLOSURE BOX	Dimensions 286 x 234 x 108 mm ; Material PP ; Protection degree IP65	

INSTALLATION KIT INCLUDED

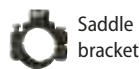
PROBES



BUFFER SOLUTIONS



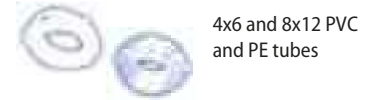
PIPING DN50



FILTER AND VALVE



TUBES PVC / PE



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Kontrol 42 Peri

Controller instrument system with two peristaltic pumps with automatic proportional dosing to adjust chemical enviromental for Indoor or Outdoor pools.

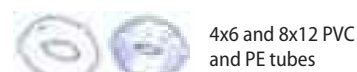
MODELS	pH 0÷14.0 ; Redox 0÷1500 mV	on demand
	pH 0÷14.0 ; Free Chlorine 0÷2,00/0÷10 ppm	on demand
POOL SIZE	Indoor from 1m ³ to 250m ³ ; Outdoor from 1m ³ to 110m ³	
2 PERISTALTIC DOSING PUMPS	Santoprene Tubing Flow rate 1,5 or 5 L/h ; Pressure 1,5 bar	
MAIN BOARD	2 Alphanumeric Display 16 letters X 2 lines Power Supply 220÷240 Vac 50/60Hz	
ENCLOSURE BOX	Dimensions 300 x 290 x 143 mm ; Material PP ; Protection degree IP65	

INSTALLATION KIT INCLUDED

FILTER AND VALVE



TUBES PVC / PE



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Triple Pumps systems

Seko has developed an innovative System to control Circulation pump and Boiler for hotel and wellness swimming pool according to law rules.



(*) with Free Chlorine Amperometric probe

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PoolBasic Pro

User-friendly combined system with three peristaltic pumps and multi measurement with automatic proportional dosing to adjust chemical enviromental for above ground pools, indoor, outdoor pools.

MODELS	pH 0÷14.0 ; Redox 0÷1000 mV ; Flocculant	SPMBASPA0024
	pH+ 0÷14.0 ; Redox 0÷1000 mV ; pH- 0÷14.0	SPMBASPA0024
	pH 0÷14.0 ; Redox 0÷1000 mV ; Flocculant ; Free Chlorine 0÷5,00 ppm(*)	SXKBASPAxxxx
POOL SIZE	Indoor from 1m ³ to 250m ³ ; Outdoor from 1m ³ to 110m ³	
3 PERISTALTIC DOSING PUMPS	Santoprene Tubing Flow rate 1,5 or 5 L/h ; Pressure 1,5 bar	
MAIN BOARD	Alphanumeric Display 16 letters X 2 lines Power Supply 220÷240 Vac 50/60Hz	
ENCLOSURE BOX	Dimensions 286 x 234 x 108 mm ; Material PP ; Protection degree IP65	

INSTALLATION KIT INCLUDED

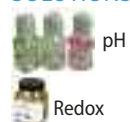
PROBES



PROBE HOLDER



BUFFER SOLUTIONS



PIPING DN50



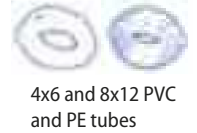
BRASS BRUSH



FILTER AND VALVE



TUBES PVC / PE



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Kommander

Advanced combined system with three peristaltic pumps with automatic proportional or timed dosing to adjust essence chemical enviromental for outdoor pools and wellness center.

MODEL	pH 0÷14.0 ; Redox 0÷1000 mV ; Flocculant	SP3KO3PA1000
POOL SIZE	Indoor from 1m ³ to 250m ³ ; Outdoor from 1m ³ to 110m ³	
3 PERISTALTIC DOSING PUMPS	Santoprene Tubing Flow rate 1,5 or 5 L/h ; Pressure 1,5 bar	
CIRCULATION PUMP AND BOILER 1,5 KW ACTION BY RELAY		
MAIN BOARD	Alphanumeric Display 16 letters X 2 lines Power Supply 220÷240 Vac 50/60Hz	
ENCLOSURE BOX	Dimensions 286 x 234 x 108 mm ; Material PP ; Protection degree IP65	

INSTALLATION KIT INCLUDED

PROBES



BUFFER SOLUTIONS



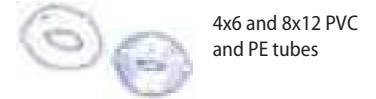
PIPING DN50



FILTER AND VALVE



TUBES PVC / PE



Assembled panel-mounted

Advanced solution for residential swimming pool.
It is a flexible solution for quick installation, thanks to a Combined products assembled in a small panel, with By-pass Probe Holder, Electrical Box and Controller Unit.



■ The POOL SIZE estimation is included for evaluation and explicative purposes only. The estimation was calculated on the premise of the exclusive use of professional concentrated chemical products.

Easy Panel

Assembled Panel-mounted with automatic proportional dosing to adjust chemical environment for indoor and outdoor pools.

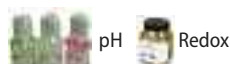
MODEL	pH 0÷14.0 ; Redox 0÷1000 mV	SPCSTRPA0021
POOL SIZE	Indoor from 1m ³ to 250m ³ ; Outdoor from 1m ³ to 110m ³	
HYDRAULIC PROBE HOLDERS	2 PSS7 (single probe) 2 Washable cartridge filters (80 µm)	
MAIN BOARD	Alphanumeric Display 16 letters X 2 lines Power Supply 220÷240 Vac 50/60Hz Cable Box with power supply 230Vac to connect external dosing pump Relay 250 V 10 A (Resistive Load) each measure	
ENCLOSURE BOX	Dimensions 630 x 420 x 10 mm ; Material PP ; Protection degree IP65	

INSTALLATION KIT INCLUDED

PROBES



BUFFER SOLUTIONS



Easy Basic

Assembled Panel-mounted with automatic proportional dosing to adjust chemical environment for above ground pools.

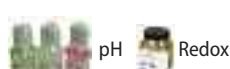
MODEL	pH 0÷14.0 ; Redox 0÷1000 mV	SPCSTRPA0019
POOL SIZE	Indoor from 1m ³ to 250m ³ ; Outdoor from 1m ³ to 110m ³	
2 PERISTALTIC DOSING PUMPS	Santoprene Tubing Flow rate 1,5 or 5 L/h ; Pressure 1,5 bar	
HYDRAULIC PROBE HOLDERS	2 PSS7 (single probe) 2 Washable cartridge filters (80 µm)	
MAIN BOARD	Alphanumeric Display 16 letters X 2 lines Power Supply 220÷240 Vac 50/60Hz	
ENCLOSURE BOX	Dimensions 630 x 420 x 10 mm ; Material PP ; Protection degree IP65	

INSTALLATION KIT INCLUDED

PROBES



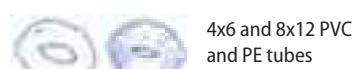
BUFFER SOLUTIONS



FILTER AND VALVE



TUBES PVC / PE



■ The POOL SIZE estimation is included for evaluation and explicative purposes only. The estimation was calculated on the premise of the exclusive use of professional concentrated chemical products.

- Advanced setting parameters
- Proportional dosing by time (PWM function)
- Quality pH and ORP probe during calibration routine
- Relay pH and Chlorine for extra dosing
- Installation kit included
- Quick installation thanks to an integrated panel layout

- No Technical skill required
- Circulation pump check power on "Flow Trigger"
- Relay Alarm remote
- Input Level Probe to check the level product
- Multi language menu



Easy Invikta

Assembled Panel-mounted with automatic proportional dosing to adjust chemical environmental for above ground pools.

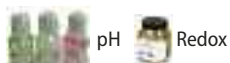
MODEL	pH 0÷14.0 ; Redox 0÷1000 mV	SPCSTRPA0020
POOL SIZE	Indoor from 50m ³ to 350m ³ ; Outdoor from 50m ³ to 300m ³	
2 SOLENOID DOSING PUMPS	Proportional Dosing FWM (Frequency with Modulation) Flow rate 5 L/h ; Pressure 5 bar Wetted parts Body in PVC ; Membrane in PTFE	
HYDRAULIC PROBE HOLDERS	2 PSS7 (single probe) 2 Washable cartridge filters (80 µm)	
MAIN BOARD	Alphanumeric Display 16 letters X 2 lines Power Supply 220÷240 Vac 50/60Hz	
ENCLOSURE BOX	Dimensions 630 x 420 x 10 mm ; Material PP ; Protection degree IP65	

INSTALLATION KIT INCLUDED

PROBES



BUFFER SOLUTIONS



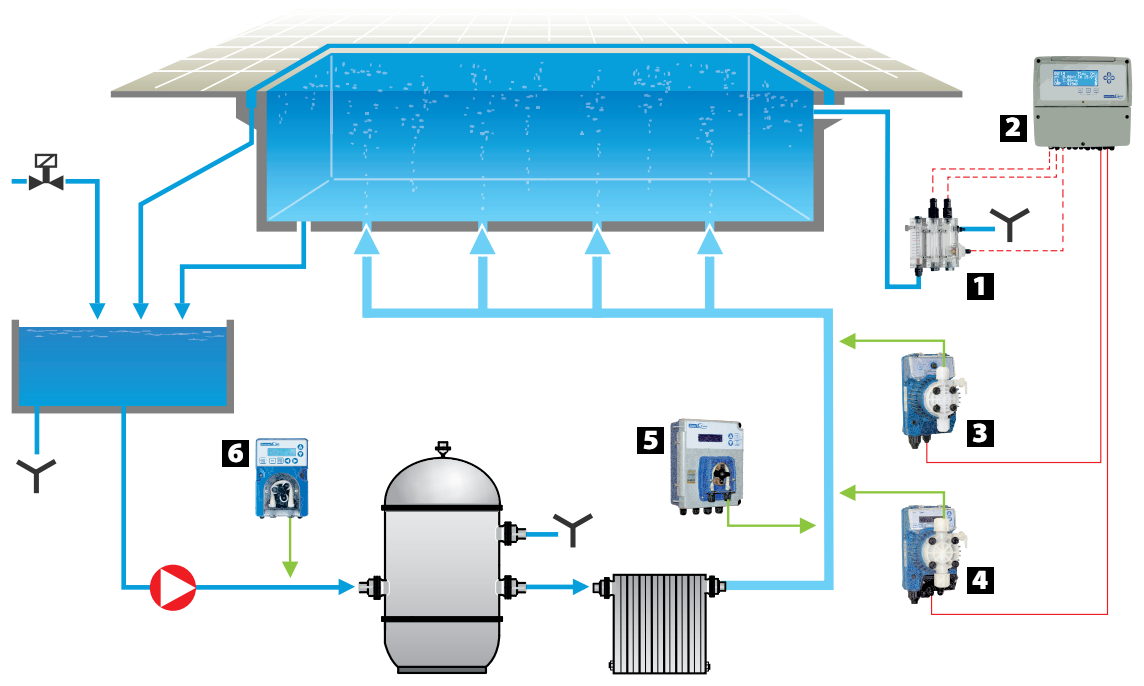
FILTER AND VALVE



TUBES PVC / PE



■ The POOL SIZE estimation is included for evaluation and explicative purposes only. The estimation was calculated on the premise of the exclusive use of professional concentrated chemical products.



- 1** Probe holder
- 2** Measuring Instruments
- 3** Dosing pump for pH inhibitor
- 4** Dosing pump for chlorine inhibitor
- 5** Dosing pump for algae inhibitor
- 6** Dosing pump for flocculant inhibitor

SPA

Wellness center

Above ground pools

Indoor and Outdoor
Professional Pools

Aqua Park

equipments for **professional pools**



page 16

Photometer Systems

DPD Free Chlorine ; pH ; Redox ; Temperature

DPD Free/Total Chlorine ; pH ; Redox ; Temperature

DPD Free/Total and Combine Chlorine ; pH ; Redox ; Temperature

page 18

Kontrol Panel System

pH ; Redox ; Temperature

pH ; Free Chlorine (Amperometric / Potentiostatic Cell) ; Temperature

pH ; Free Chlorine (Amperometric / Potentiostatic Cell) ; Redox ; Temperature

pH ; Free/Total and Combine Chlorine (Amperometric / Potentiostatic Cell) ; Redox ; Temperature

page 20

Dosing pumps panel with controllers

pH ; Redox ; Temperature

pH ; Free/Total Chlorine ; Temperature

pH ; Peracetic Acid ; Temperature

pH ; Hydrogen Peroxide ; Temperature

Photometer system

The main solution for professional swimming pool. Pool photometer is a complete controller to check the Free, total and Combine Chlorine in the water. Thanks the dpd methods assure the perfect analysis.



Pool Photometer

Unit and Control instruments measure 4 parameters Controller Instrument Multi- Parameter with sampler unit dedicated for Chlorine measure.

MODEL	Chlorine 0÷5,00 ppm(*) ; pH 0÷14.0 ; Redox ± 1500 mV	<i>SPP3CLWM0000</i>
DPD PUMP	Peristaltic pump with 2 mechanical support Silicon tube 3x5 mm Flow rate 0,07 cc sample measure ; Back pressure DPD Chemical 1 liters 60 days at 5 minutes period sample	
HYDRAULIC PROBE HOLDERS	Probe Holder plexiglass body and photometer chamber Inlet and Outlet tubes 8x12 mm Back pressure ; Temperature 60 °C	
MAIN BOARD	Graphic display 240x128 pixel with back light Power Supply 220 ÷ 240 Vac 50/60Hz	
ENCLOSURE BOX	Dimensions 630 x 420 x 10 mm ; Material PP ; Protection degree IP65	

(*) DPD Method
Light wavelength 520 nm

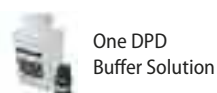
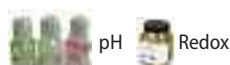
Temperature : 0 ÷ 100°C
with PT100/PT1000 sensors

INSTALLATION KIT INCLUDED

PROBES



BUFFER SOLUTIONS



FEATURES

New hydraulic device with water drain dedicated to chemical reagents used for chlorine measure.

This allows to reduce the water amount used for chlorine measure. The water dedicated to pH and Redox probes may be restored in the compensating basin, while only the water with chemical DPD reagent will be discharged in special tanks to observe the local laws.

Fast installation thanks to quick coupling for Inlet and Outlet water. The optical unit assures a High accuracy Chlorine measure with a 520 nm sensor and LED light device.

All Photometer System has the DPD chemical powder to dilute before the usage.

It is a good and reliable solution to keep the product in every place.



- Professional setting parameters
- Proportional dosing
- Quality pH and ORP probe during calibration routine
- Relay pH and Chlorine for extra dosing
- Installation kit included
- Chlorine in PPM value By DPD method

- Technical skill required
- Graphic display controller
- Relay Alarm remote
- Input Level Probe to check the level product
- Multi language menu



Photometer systems

Unit and Control instruments measure 6 parameters Controller Instrument Multi- Parameter with sampler unit dedicated for Chlorine measure.

MODELS	Chlorine 0÷5,00 ppm(*) ; pH 0÷14.0	SPT3CLMWxxxx
	Chlorine 0÷5,00 ppm(*) ; pH 0÷14.0 ; Redox ± 1500 mV	SPT4CLMWxxxx
	Chlorine 0÷5,00 ppm(*) ; Combined Chlorine(**) pH 0÷14.0 ; Redox ± 1500 mV	SPL5CLMWxxxx
DPD PUMP	Peristaltic pump with 2 mechanical support Silicon tube 3x5 mm Flow rate 0,15 cc sample measure ; Back pressure DPD Chemical 1 liters 24 days at 5 minutes period sample	
HYDRAULIC PROBE HOLDERS	Probe Holder plexiglass body and photometer chamber Inlet and Outlet tubes : 8x12 mm Back pressure ; Temperature : 60 °C	
MAIN BOARD	Graphic display 240x128 pixel with back light Power Supply 220÷240 Vac 50/60Hz	
ENCLOSURE BOX	Dimensions 276 x 514 x 127 mm ; Material ABS ; Protection degree IP65	

(*) DPD Method
Light wavelength 520 nm

(**) By software routine

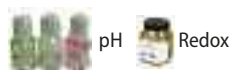
Temperature : 0 ÷ 100°C
with PT100/PT1000 sensors

INSTALLATION KIT INCLUDED

PROBES



BUFFER SOLUTIONS

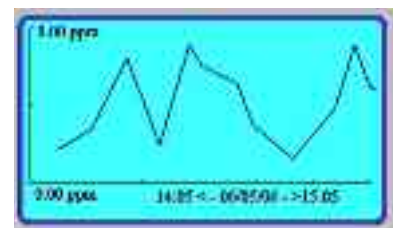
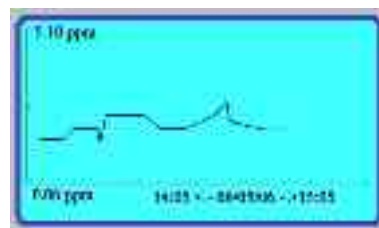


Two /Three DPD
Buffer Solutions

FEATURES

Controller instruments allow easy Human interface with different languages.

The graphic display gives an Historic diagram for each measure thanks to the built-in Data logger.



Kontrol Panels

Flexible solution for professional swimming pool. Kontrol 800 panel offers a complete range of products which assure a professional layout to control swimming pool.



(*) By software routine

Kontrol 800 Panel

Assembled Panel-mounted to adjust pH and Chlorine level with automatic proportional dosing for municipality pools.

MODELS WITH AMPEROMETRIC PROBES	pH 0÷14.0 ; Redox ± 1500 mV	KPS01
	Chlorine 0÷5,00 ppm ; pH 0÷14.0	KPS02
	Chlorine 0÷5,00 ppm ; pH 0÷14.0 Redox ± 1500 mV	KPS03
	Chlorine 0÷5,00 ppm	KPS04
MODELS WITH POTENZIOSTATIC PROBES	Chlorine and Chlorine Dioxide 0 ÷ 0,50 / 1,00 / 2,00 / 5,00 / 10,0 / 20,0 / 200,0 ppm	KPS05
	Chlorine and Chlorine Dioxide 0 ÷ 0,50 / 1,00 / 2,00 / 5,00 / 10,0 / 20,0 / 200,0 ppm ; pH 0÷14.0	KPS06
	Chlorine and Chlorine Dioxide 0 ÷ 0,50 / 1,00 / 2,00 / 5,00 / 10,0 / 20,0 / 200,0 ppm ; pH 0÷14.0 ; Redox ± 1500 mV	KPS07
HYBRID MODEL	Free Amperometric Chlorine, Total Potentiostatic Chlorine, Combined Chlorine(*) 0 ÷ 0,50 / 1,00 / 2,00 / 5,00 / 10,0 / 20,0 / 200,0 ppm ; pH 0÷14.0 ; Redox ± 1500 mV	KPS08
HYDRAULIC PROBE HOLDERS	Transparent Modular Probe Holder PSS-Plexi Inlet and Outlet tubes 8x12 mm Pressure 5 bar ; Temperature 60 °C	
MAIN BOARD	Alphanumeric Display 20 letters X 4 lines Power Supply 220÷240 Vac 50/60Hz	
ENCLOSURE BOX	Dimensions 276 x 514 x 127 mm ; Material PP ; Protection degree IP65	

INSTALLATION KIT INCLUDED

PROBES

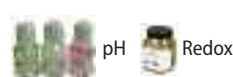


PROBE HOLDER

PSS-Plexi



BUFFER SOLUTIONS



BRASS BRUSH



FILTER



- Professional setting parameters
- Proportional dosing
- Quality pH and ORP probe during calibration routine
- Relay pH and Chlorine for extra dosing
- Installation kit included
- Chlorine in PPM value By Apermometric method
- Technical skill required
- 4 lines 20 letters display controller
- Relay Alarm remote
- Input Level Probe to check the level product
- Multi language menu
- Tekna Panel skid for quick installation



Tekna Panel skid for Kontrol 800 Panel

Two solenoid dosing pump with control instruments Assembled Panel-mounted with electrical box to connect with remote controller. Digital and Analogical dosing pumps version.

MODELS	ANALOGUE 2 Tekna AKL	990029906x
	DIGITAL 2 Tekna TPG	990029906x
POOL SIZE	with Tekna 603	Indoor from 150m ³ to 600m ³ ; Outdoor from 100m ³ to 500m ³
	with Tekna 803	Indoor from 300m ³ to 1500m ³ ; Outdoor from 200m ³ to 1200m ³
SOLENOID DOSING PUMPS	Tekna AKL 603 or 803 analogue solenoid dosing pump with constant flow rate manually adjustable	
	Tekna TPG 803 digital solenoid dosing pump with constant flow rate manually adjustable, with proportional flow rate according to an external analog (4÷20 mA) or digital signal (water meter)	
	Flow rate (603) 4 ÷ 8 L/h ; Pressure (603) 2 ÷ 12 bar	
	Flow rate (803) 20 ÷ 54 L/h ; Pressure (803) 0,1 ÷ 5 bar	
	Wetted parts : Body in PVDF ; Membrane in PTFE	
MAIN BOARD	Alphanumeric Display 20 letters X 4 lines	
	Power Supply 220÷240 Vac 50/60Hz	
ENCLOSURE BOX	Dimensions 600 x 300 x10 mm ; Material PVC ; Protection degree IP65	

INSTALLATION KIT INCLUDED

FILTER AND VALVE



■ The POOL SIZE estimation is included for evaluation and explicative purposes only. The estimation was calculated on the premise of the exclusive use of professional concentrated chemical products.

SekoNET kit for Kontrol 800 Panel

Software SekoNet for Windows /XP/Seven (7)

CODE 9900107190

Serial interface RS485 / USB 2 Port (FTDI CHIP)

CODE 9900107228

SekoNET software assures to control ninety-nine (99) Kontrol 800 Panels contemporarily thanks to data network. This can be done through three wires into one cable linked to an Adapter Bridge RS485/USB port.

It is possible to connect every unit to Personal Computer and operate by one software to set all parameters system. The software administrator sends an SMS alarm by a GPRS external modem (optional unit) connected to laptop computer

Kontrol Tekna Panels

Flexible solution for professional swimming pool. Tekna controller pumps panel offers a complete range of products which assure a professional layout to control swimming pool.



Kontrol TPR Panel

Two solenoid dosing pump with control instruments Assembled Panel-mounted, By-pass integrated hydraulic probe holders and transparent filter housing. Pre wired connections thanks IP65 Electrical box

MODEL	pH 0÷14.0 ; Redox ± 1500 mV SPCTOPCA0049 / 50	
POOL SIZE	with Tekna 603	Indoor from 150m ³ to 600m ³ ; Outdoor from 100m ³ to 500m ³
	with Tekna 803	Indoor from 300m ³ to 1500m ³ ; Outdoor from 200m ³ to 1200m ³
2 SOLENOID DOSING PUMPS	2 Tekna TPR 603 or 803 model with pH/Redox control meter built in Flow rate (603) 4 ÷ 8 L/h ; Pressure (603) 2 ÷ 12 bar Flow rate (803) 20 ÷ 54 L/h ; Pressure (803) 0,1 ÷ 5 bar Wetted parts : Body in PVDF ; Membrane in PTFE	
HYDRAULIC PROBE HOLDERS	Transparent Modular Probe Holder PSS-Plexi Inlet and Outlet tubes 8x12 mm Pressure 5 bar ; Temperature 60 °C	
MAIN BOARD	Alphanumeric Display 20 letters X 4 lines Power Supply 220÷240 Vac 50/60Hz	
ENCLOSURE BOX	Dimensions 700 x 420 x 10 mm ; Material PVC ; Protection degree IP65	

INSTALLATION KIT INCLUDED

PROBES

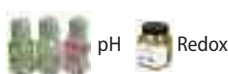


PROBE HOLDER

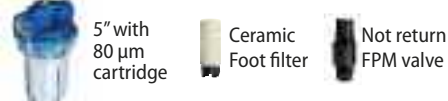
PSS-Plexi



BUFFER SOLUTIONS



FILTER AND VALVE



TEKNA FEATURES

COMPATIBLE

PVDF pump head and ceramic ball valve as standard. PVDF is suitable for almost all chemical used in the Industrial, Waste Water Treatment and potableWater applications. The use of Ceramic balls as standard improves the pumping reliability and the chemical compatibility of the whole liquid end.

RELIABLE

Long life diaphragm tested to give 5 years working life. The advanced design and manufacturing process allows the diaphragm to have a unique life expectancy. Made up of pure solid PTFE, the diaphragm is compatible with most chemicals. The diaphragm has been tested over a period of 5 years giving superior results. Routine diaphragm replacement is no longer a requirement.

■ The POOL SIZE estimation is included for evaluation and explicative purposes only. The estimation was calculated on the premise of the exclusive use of professional concentrated chemical products.

- Professional setting parameters
- Proportional dosing
- Quality pH and ORP probe during calibration routine
- Relay pH and Chlorine for extra dosing
- Installation kit included

- Technical skill required
- 4 lines 20 letters display controller
- Relay Alarm remote
- Multi language menu
- Chlorine in PPM value By Potentiostatic method



Kontrol TPR-TMP Panel

Two solenoid dosing pump with control instruments Assembled Panel-mounted, By-pass integrated hydraulic probe holders and transparent filter housing. Pre wired connections thanks IP65 Electrical box.

MODEL	<p>pH 0 ÷ 14.0 ; Redox ± 1500 mV ; Chlorine and Chlorine Dioxide 0 ÷ 0,50 / 1,00 / 2,00 / 5,00 / 10,0 / 20,0 / 200,0 ppm ; Peracetic Acid 0 ÷ 500 / 2000 / 10.000 / 20.000 ppm ; Hydrogen Peroxide 0 ÷ 500 / 1000 / 2000 / 10.000 / 100.000 ppm</p> <p style="text-align: right;"><i>SPCTOPCA0038</i></p>	
POOL SIZE	with Tekna 603	Indoor from 150m ³ to 600m ³ ; Outdoor from 100m ³ to 500m ³
	with Tekna 800	Indoor from 200m ³ to 750m ³ ; Outdoor from 150m ³ to 650m ³
2 SOLENOID DOSING PUMPS	<p>1 Tekna TPR 603 or 800 model with pH/Redox control meter built in</p> <hr/> <p>1 Tekna TMP 603 or 800 model with Chlorine, Hydrogen Peroxide or Per-Acetic Acid control meter built in</p> <hr/> <p>Flow rate (603) 4 ÷ 8 L/h ; Pressure (603) 2 ÷ 12 bar</p> <hr/> <p>Flow rate (800) 7 ÷ 18 L/h ; Pressure (800) 1 ÷ 16 bar</p> <hr/> <p>Wetted parts : Body in PVDF ; Membrane in PTFE</p>	
HYDRAULIC PROBE HOLDERS	<p>Transparent Modular Probe Holder PSS-Plexi</p> <hr/> <p>Inlet and Outlet tubes 8x12 mm</p> <hr/> <p>Pressure 5 bar ; Temperature 60 °C</p>	
MAIN BOARD	<p>Alphanumeric Display 20 letters X 4 lines</p> <hr/> <p>Power Supply 220÷240 Vac 50/60Hz</p>	
ENCLOSURE BOX	<p>Dimensions 700 x 420 x 10 mm ; Material PVC ; Protection degree IP65</p>	

INSTALLATION KIT INCLUDED

PROBES

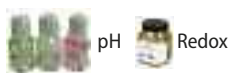


PROBE HOLDER

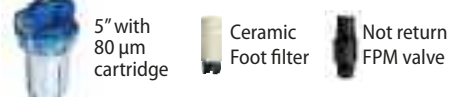
PSS-Plexi



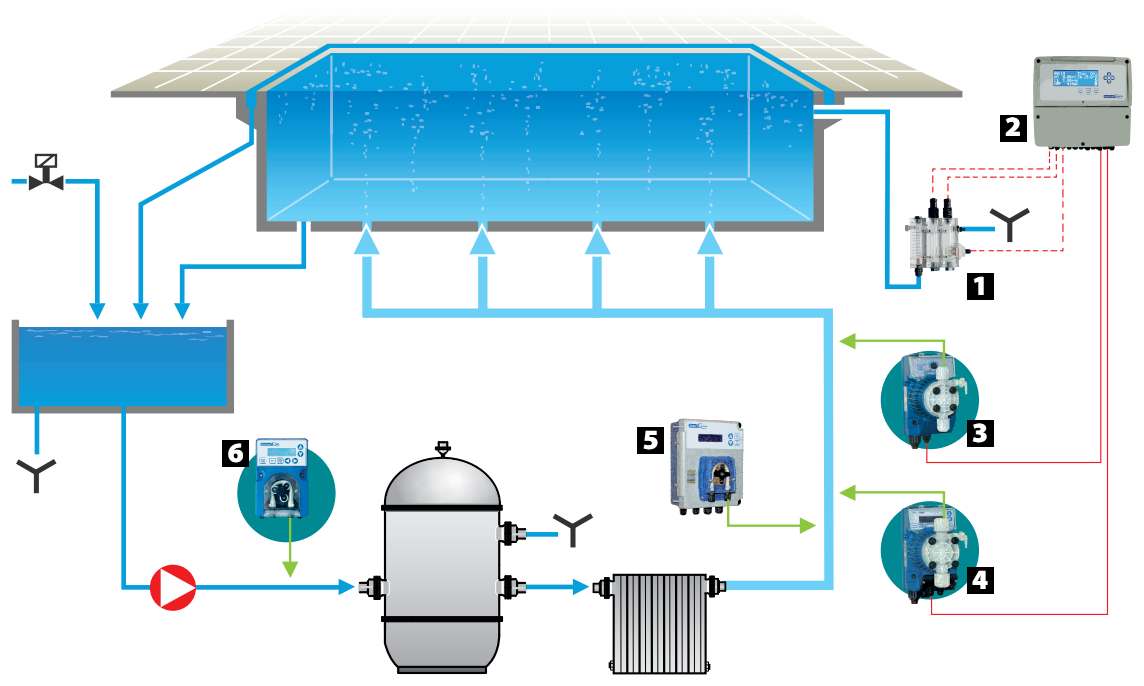
BUFFER SOLUTIONS



FILTER AND VALVE



■ The POOL SIZE estimation is included for evaluation and explicative purposes only. The estimation was calculated on the premise of the exclusive use of professional concentrated chemical products.



- 1** Probe holder
- 2** Measuring Instruments
- 3** Dosing pump for pH inhibitor
- 4** Dosing pump for chlorine inhibitor
- 5** Dosing pump for algae inhibitor
- 6** Dosing pump for flocculant inhibitor

- SPA
- Wellness center
- Domestic Above ground pools
- Above ground pools
- Indoor and Outdoor Professional Pool
- Aqua Park

equipments for **swimming pools**



page 24

Dosing metering pumps

Peristaltic pump

Dynamik

Kronos

Invikta

Kompact

Tekna

Maxima

Spring

page 26

Controllers and portable controllers

Kontrol 40

Kontrol 42

Kontrol 200

Kontrol 500

C401 Portable Photometric

TN100 Portable Turbidity

PO-T Pocket Instruments

Tester

7 and 6 Series Portable Measuring

Dosing metering pumps

Complete dosing pumps range for Swimming pool application. Flexible products to assure all needs.



Peristaltic pump

Basic peristaltic pumps for Domestic above ground pool.

MODELS	PE1.5	Flow Rate 1,5 L/h ; Pressure 0,5 bar	PPE001HA1009
	PE5	Flow Rate 5 L/h ; Pressure 0,5 bar	PPE0005A1002
	PE4	Flow Rate 4 L/h ; Pressure 0,5 bar	PPR0004A1002
	PE7	Flow Rate 7 L/h; Pressure 0,5 bar	PPR0007A1000
POOL SIZE	Indoor from 1m ³ to 250m ³ ; Outdoor from 1m ³ to 110m ³		

■ The POOL SIZE estimation is included for evaluation and explicative purposes only. The estimation was calculated on the premise of the exclusive use of professional concentrated chemical products.



Dynamik

Advanced peristaltic pumps for sesonal dosing action or micro dosing essence application

MODELS	CK	Flow Rate 4, 2 and 1 L/h ; Pressure 1,5 bar	SKCK1H40M1000
	Pro	Flow Rate 2,5 ÷ 975 mL/h ; Pressure 1,5 bar	SKFK1H0xxxxxx
POOL SIZE	Indoor from 1m ³ to 250m ³ ; Outdoor from 1m ³ to 110m ³		

■ The POOL SIZE estimation is included for evaluation and explicative purposes only. The estimation was calculated on the premise of the exclusive use of professional concentrated chemical products.



Kronos

Professional peristaltic with step motor pumps for high accuracy dosing action

MODELS	50 FM02	Flow Rate 2 l/h ; Pressure 3 bar	KRFM0302
	50 FM10	Flow Rate 10 l/h ; Pressure 2 bar	KRFM0210
	50 FM15	Flow Rate 15 l/h ; Pressure 0 bar	KRFM0015
POOL SIZE	Indoor from 1m ³ to 280m ³ ; Outdoor from 1m ³ to 160m ³		

■ The POOL SIZE estimation is included for evaluation and explicative purposes only. The estimation was calculated on the premise of the exclusive use of professional concentrated chemical products.



Invikta

Basic solenoid dosing pumps for Domestic Outdoor pool

MODELS	KCL 633	Flow Rate 5 L/h ; Pressure 5 bar	KCL633NVFW00
	KCL 632	Flow Rate 2 L/h ; Pressure 7 bar	KCL632NVFW00
POOL SIZE	Indoor from 1m ³ to 250m ³ ; Outdoor from 1m ³ to 110m ³		

■ The POOL SIZE estimation is included for evaluation and explicative purposes only. The estimation was calculated on the premise of the exclusive use of professional concentrated chemical products.



Kompact

Advanced solenoid pumps for medium Indoor and Outdoor pool

MODELS	AML 200	Flow Rate 5 or 3 L/h ; Pressure 8 or 10 bar	AML200NPExxx
	AMM 200	Flow Rate 5 or 3 L/h ; Pressure 8 or 10 bar	AMM200NPExxx
POOL SIZE	Indoor from 5m ³ to 250m ³ ; Outdoor from 5m ³ to 110m ³		

■ The POOL SIZE estimation is included for evaluation and explicative purposes only. The estimation was calculated on the premise of the exclusive use of professional concentrated chemical products.

Dosing metering pumps



■ The POOL SIZE estimation is included for evaluation and explicative purposes only. The estimation was calculated on the premise of the exclusive use of professional concentrated chemical products.

Tekna

Professional solenoid pumps for medium/big Indoor and Outdoor pool

ANALOGUE MODELS	AKL	603	Flow Rate 4 ÷ 8 L/h ; Pressure 2 ÷ 12 bar	AKL603NHHxxxx
		800	Flow Rate 7 ÷ 18 L/h ; Pressure 1 ÷ 16 bar	AKL800NHHxxxx
		803	Flow Rate 20 ÷ 54 L/h ; Pressure 0,1 ÷ 5 bar	AKL803NHHxxxx
DIGITAL MODELS	TPG	603	Flow Rate 4 ÷ 8 L/h ; Pressure 2 ÷ 12 bar	TPG603NHHxxxx
		800	Flow Rate 7 ÷ 18 L/h ; Pressure 1 ÷ 16 bar	TPG800NHHxxxx
		803	Flow Rate 20 ÷ 54 L/h ; Pressure 0,1 ÷ 5 bar	TPG803NHHxxxx
	TPR	603	Flow Rate 4 ÷ 8 L/h ; Pressure 2 ÷ 12 bar	TPR603NHHxxxx
		800	Flow Rate 7 ÷ 18 L/h ; Pressure 1 ÷ 16 bar	TPR800NHHxxxx
		803	Flow Rate 20 ÷ 54 L/h ; Pressure 0,1 ÷ 5 bar	TPR803NHHxxxx
	TCK	603	Flow Rate 4 ÷ 8 L/h ; Pressure 2 ÷ 12 bar	TCK603NHHxxxx
		800	Flow Rate 7 ÷ 18 L/h ; Pressure 1 ÷ 16 bar	TCK800NHHxxxx
		803	Flow Rate 20 ÷ 54 L/h ; Pressure 0,1 ÷ 5 bar	TCK803NHHxxxx
POOL SIZE	603	Indoor from 150m ³ to 600m ³ ; Outdoor from 100m ³ to 500m ³		
	800	Indoor from 200m ³ to 750m ³ ; Outdoor from 150m ³ to 650m ³		
	803	Indoor from 300m ³ to 1500m ³ ; Outdoor from 200m ³ to 1200m ³		



■ The POOL SIZE estimation is included for evaluation and explicative purposes only. The estimation was calculated on the premise of the exclusive use of professional concentrated chemical products.

Maxima

Professional solenoid pumps for medium/big Indoor and Outdoor pool

ANALOGUE MODELS	MKL	603	Flow Rate 4 ÷ 8 L/h ; Pressure 2 ÷ 12 bar	MKL603NHHxxxx
		800	Flow Rate 7 ÷ 18 L/h ; Pressure 1 ÷ 16 bar	MKL800NHHxxxx
		803	Flow Rate 20 ÷ 54 L/h ; Pressure 0,1 ÷ 5 bar	MKL803NHHxxxx
DIGITAL MODELS	MPG	603	Flow Rate 4 ÷ 8 L/h ; Pressure 2 ÷ 12 bar	MPG603NHHxxxx
		800	Flow Rate 7 ÷ 18 L/h ; Pressure 1 ÷ 16 bar	MPG800NHHxxxx
		803	Flow Rate 20 ÷ 54 L/h ; Pressure 0,1 ÷ 5 bar	MPG803NHHxxxx
	MPR	603	Flow Rate 4 ÷ 8 L/h ; Pressure 2 ÷ 12 bar	MPR603NHHxxxx
		800	Flow Rate 7 ÷ 18 L/h ; Pressure 1 ÷ 16 bar	MPR800NHHxxxx
		803	Flow Rate 20 ÷ 54 L/h ; Pressure 0,1 ÷ 5 bar	MPR803NHHxxxx
POOL SIZE	603	Indoor from 150m ³ to 600m ³ ; Outdoor from 100m ³ to 500m ³		
	800	Indoor from 200m ³ to 750m ³ ; Outdoor from 150m ³ to 650m ³		
	803	Indoor from 300m ³ to 1500m ³ ; Outdoor from 200m ³ to 1200m ³		



■ The POOL SIZE estimation is included for evaluation and explicative purposes only. The estimation was calculated on the premise of the exclusive use of professional concentrated chemical products.

Spring

Professional plunger metering dosing pumps for big Indoor and Outdoor pool

MODELS	MS1	Flow Rate 220 L/h ; Pressure 7 bar	MS1C138Bxxxx
		Flow Rate 310 L/h ; Pressure 7 bar	MS1C138Cxxxx
	MS0	Flow Rate 30 L/h ; Pressure 5 bar	MS0F050Fxxxx
		Flow Rate 42 L/h ; Pressure 5 bar	MS0F050Cxxxx
POOL SIZE	MS1	Indoor from 4000m ³ to 10000 m ³ ; Outdoor from 1000m ³ to 6000m ³	
	MS0	Indoor from 400m ³ to 2200 m ³ ; Outdoor 300m ³ to 1800m ³	

Controllers and portable controllers

Complete controller instruments range for Swimming pool application. Flexible products to assure all needs.



Kontrol 40

Basic Controller Instrument Kontrol Flow 40

MODEL	Flow Rate	99 999,99 L/sec	SFX040
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Kontrol 42

Advanced Controller Instrument double parameters

MODELS	pH 0÷14.0 ; Redox ± 1500 mV	K042PR
	pH 0÷14.0 ; Redox ± 1500 mV ; Flow Rate 99 999,99 L/sec	K042PF



Kontrol 200

Advanced Controller Instrument single parameter

MODELS	pH 0÷14.0 or Redox ± 1500 mV	K200PR
	Chlorine and Chlorine Dioxide 0 ÷ 0,50 /1,00 /2,00 /5,00 /10,0 /20,0 /200,0 ppm	K200CL
	Turbidity 0,00÷40 NTU/FTU	K200TB



Kontrol 500

Professional Controller Instrument single parameter Kontrol 500 with data logger included

MODELS	pH 0÷14.0 or Redox ± 1500 mV	K500PR
	Chlorine and Chlorine Dioxide 0 ÷ 0,50 /1,00 /2,00 /5,00 /10,0 /20,0 /200,0 ppm	K500CL



C401 Portable Photometric Measuring Instruments

Measurement of the concentration of free Cl, total Cl, cyanic acid, and pH
Operation temperature: 0 ÷50 °C. Battery charge indicator. Battery type "AAA" (x4).
Battery lifespan: more than 3000 tests.

MODEL	Free/Total Chlorine 0 ÷ 1,99 and 2,0 ÷ 6,0 ppm ; Cyanic acid 5 ÷ 90 ppm ; pH 5,9 ÷ 8,2	SPO6B0000000
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Controllers and portable controllers



TN100 Portable Turbidity Measuring Instrument

Impermeable to water. 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.

MODEL	Turbidity 0,01 ÷ 19,99 /20,0 ÷ 99,9 /100 ÷ 1000 NTU	SPO5B0000000
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PO-T Pocket Instruments

Pocket instrument which allows a rapid and trustable measurement. It is supplied with crash proof box with probe included. Waterproof version.

MODELS	PO-T-PHW	pH 0 ÷ 14,00	SPO1B0000002
	PO-T-RxW	Redox (ORP) 0 ÷ 1999 mV	SPO2B0000001
	PO-T-CD2W	Conductivity 0 ÷ 2 mS	SPO3B0000002
	PO-T-CD20W	Conductivity 0 ÷ 20 mS	SPO3B0000003



Tester

They are easy to use, Waterproof and extremely practical instruments. The latest generation of hand held instruments with LCD display. Sensor and batteries easy to replace. Self switchoff after 8,5 minutes. Battery charge indicator and lifespan: more than 500 hours.

MODELS	pH10	pH -1 ÷ 15	SPO1B0000001
	pH30	pH -1 ÷ 15 ; Temperature 0 ÷ 50 °C	SPO1B0000000
	Orp10	Redox (ORP) 999 ÷ 1000 mV	SPO2X0000000
	Cond L/H	Conductivity 0 ÷ 1990 µS/cm or 0 ÷ 19.90 mS/cm	SPO3B0000003



7 Series Portable Measuring Instruments

Advanced Portable Controller it is a main tools for technical skill

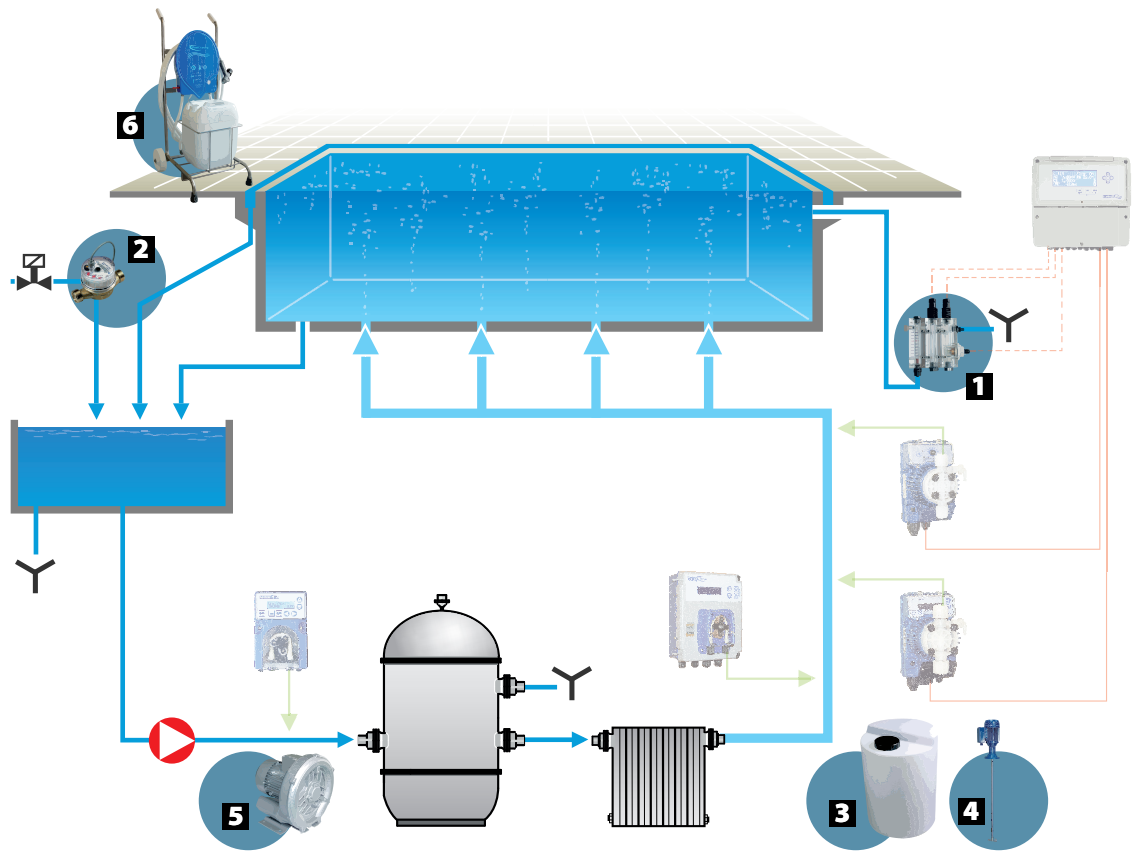
MODELS	pH/ORP 7	pH 0 ÷ 14,00 ; Redox (ORP) ± 1.000 mV ; Temperature 0 ÷ 100,0 °C	SPO1A0000000
	COND 7	Conductivity 0 ÷ 199,9 mS ; Temperature 0 ÷ 100,0 °C	SPO3A0000000



6 Series Portable Measuring Instruments

Advanced Portable Controller it is a main tools for technical skill

MODELS	OX 6	Oxygen 0 ÷ 20 ppm ; Temperature -10,0 ÷ 110,0 °C	SPO4X0000000
		pH simulation values 1.00, 1.68, 4.01, 6.86, 7.00, 9.18, 10.01, 12.45 ;	
		Redox (ORP) simulation values ±390, ±900, ±1800 mV	SPO1A0000001



1 Probe holder **2** Water meter pulse sender **3** Tanks **4** Mixers **5** Blowers **6** Cleaning station

SPA

Wellness center

Domestic Above ground
pools

Above ground pools

Indoor and Outdoor
Professional Pool

Aqua Park

Accessories



page 30-31

Probes

pH

Redox

Chlorine

Temperature

Turbidity

Flow rate

page 31

Modular Probes Holder (Patented product)

page 31-32

By-Pass Probe Holders and Clamp Saddles

pag 32

Cables

pag 32

Buffer solution pH/Redox

pag 33

Housing and Filter cartridges 5"

pag 33

Water meter pulse sender

pag 34

Tank/Uncovered Tank/Reinforced and Mixers

pag 35

Blowers Side Channel compressors

pag 35

Pool Cleaning Station

Accessories

The main accessory solution for Swimming pool. Seko has designed a complete products list to help the technical skill to complete the layout installation.

SPH pH Probes



SPH-1 1.5M	Range 2 ÷ 12 pH ; Pressure 0 ÷ 4 bar ; Body Epoxy ; Membrane Glass ; Connections Cable 1,5 m + BNC	9900105001
SPH-1 6M	Range 2 ÷ 12 pH ; Pressure 0 ÷ 6 bar ; Body Epoxy ; Membrane Glass ; Connections Cable 6 m + BNC	9900105002
SPH-2	Range 2 ÷ 12 pH ; Pressure 0 ÷ 6 bar ; Body Epoxy ; Membrane Glass ; Connections S7	9900105003
SPH-3 WW	Range 2 ÷ 12 pH ; Pressure 0 ÷ 6 bar ; Body Glass ; Membrane Glass ; Connections S8	9900105005

SRH Redox (ORP) Probes



SRH-1 1.5M	Range ± 1000 mV ; Pressure 0 ÷ 4 bar ; Body Epoxy ; Membrane Platinum wire ; Connections Cable 1,5 m + BNC	9900105031
SRH-1 6M	Range ± 1000 mV ; Pressure 0 ÷ 6 bar ; Body Epoxy ; Membrane Platinum wire ; Connections Cable 6 m + BNC	9900105032
SRH-1 6M AU	Range ± 2000 mV ; Pressure 0 ÷ 6 bar ; Body Epoxy ; Membrane Gold ; Connections Cable 6 m + BNC	9900105083
SRH-3 PT	Range ± 2000 mV ; Pressure 0 ÷ 6 bar ; Body Glass ; Membrane Platinum wire ; Connections S8	9900105033

CL Chlorine Potentiostatic Probes

Professional Chlorine Potentiostatic probe, thanks to amperometric cell and Membrane cup



F-CL 2	Range 0 ÷ 10 ppm ; pH 4 ÷ 12 ; Flow rate 30 L/h ; Temperature 45°C ; Pressure 0,5 bar ; Membrane M48 ; Electrolyte ECC1 ; Application fields Organic Free Chlorine	9900101141
F-CL 3	Range 0 ÷ 10 ppm ; pH 4 ÷ 11 ; Flow rate 30 L/h ; Temperature 45°C ; Pressure 0,5 bar ; Membrane M48 G ; Electrolyte ECS1 Gel ; Application fields Inorganic Free Chlorine	9900101142

PT Temperature Probes



PT 100V	Range 0 ÷ 100°C ; Pressure 0 ÷ 7 bar ; Body Pyrex ; Connections 5 m 3-wire cable	9900105061
PT 100V PG	Range 0 ÷ 100°C ; Pressure 0 ÷ 7 bar ; Body Pyrex ; Connections 6 m 3-wire cable	9900105062
PT 100 NUT	Range 0 ÷ 100°C ; Pressure 0 ÷ 7 bar ; Body PP ; Connections 1 m 2-wire cable	9900101113
RNC	Pressure 0 ÷ 7 bar ; Body AISI 304 ;	9900101134

S462/SWP Turbidimetric Probes



The principle of measurement is the deviation of light produced by suspended particles in the liquid. Scattering at 180° Light absorption

MODEL	Measure 0,00 ÷ 40 NTU/FTU ; Temperature 0 ÷ 45 °C ; Pressure 0 ÷ 6 bar	9900316024
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FEATURES	Body in Black PVC with threaded fittings 2 ½" F and Transparent PVC door; Projector and sensors positioned at 180 ° mounted on PVC flanges with connector for electrical connections 2 x 5 m cables with quick connector	
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SFW Paddlewheel flow sensor



The paddlewheel flow sensor SFW is designed to be used with every kind of solid-free liquid. The sensor can measure flow from 0.15 m/s (0.5 ft/s) producing a frequency output signal highly repeatable.

MODELS	SFW-1	Size DN 100 – 4"	9900317012
	SFW-2	Size DN 200 – 8"	9900317014

FLUID	Speed Range 0.15 to 8m/s [0.5 to 25ft/s]
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MATERIALS	Sensor body PVC-C ; O-rings FPM ; Rotor ECTFE (Halar®) ; Shaft Ceramic (Al ₂ O ₃) ; Bearings Ceramic (Al ₂ O ₃) ; IP65 protection degree
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PSS-PLEXI Modular Probes Holder (Patented product)



Professional Modular Probe Holder with Amperometric Cell for Free Chlorine measure

MODELS	Flux / pH / Redox (ORP)	9900103048
	Flux /pH / Amperometric Chlorine	9900103050
	Flux / pH / Redox (ORP) / Amperometric Chlorine	9900103051
	Flux /pH / Potentistatic Chlorine	9900103052

FEATURES	Connection In/OUT 8x12 mm (tube) ; Probes connection 24 mm ; Hydraulic By-Pass ; Max. Temperature 60°C ; Max. Pressure 5 bar ; Material Plexiglas without color
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Tap Probe holder



PSS 7 Single

PSS 7

By-Pass Probe Holder for quick installation pH, Redox and Temperature probes

PSS 7 Single	Connection process By-Pass ; No. Probes 1 ; Temperature 0 ÷ 40°C ; Pressure 0 ÷ 6 bar ; Material PP + SAN	9900103021
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PSS 7 Single	Connection process By-Pass ; No. Probes 3 ; Temperature 0 ÷ 40°C ; Pressure 0 ÷ 6 bar ; Material PP + SAN	9900103008
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Pressurized probe holders



PSS 3



SPP

Pipe line probe holder for small Domestic pool

PSS 3	Connection process 1/2" G.M. ; Probes connection PG 13,5 or Ø 12 mm ; Temperature 0 ÷ 60°C ; Pressure 0 ÷ 7 bar ; Material PVC	9900106670
SPP	Connection process 1" G.F. ; Probes connection PG 13,5 ; Temperature 0 ÷ 60°C ; Pressure 0 ÷ 16 bar ; Material PVC	9900100134

Clamp Saddles for paddlewheel flow sensor



MODELS	for SFW-1	Size DN 100 – 4"	9900317003
	for SFW-2	Size DN 200 – 8"	9900317005
MATERIALS	Body PP (Polypropylene) ; Gasket FPM		

CE cables with S7 heads for probes



CE 5 B	Length 5 mt. ; Type of cable Mod. RG58 5 mm ; Terminal block Soldered BNC	9900109003
CE 10 B	Length 10 mt. ; Type of cable Mod. RG58 5 mm ; Terminal block Soldered BNC	9900109004

CC 15 Cable for paddlewheel flow sensor



MODEL	Length 15 mt.	RIC0151139
FEATURES	Resistance 130 Ohm/Km±5% ; Temperature -15÷70°C ; Capacity Wire/Shield 150 pF/m ; Capacity Wire/Wire 80 pF/m ; Max Voltage 49V ; Nominal section 8mm ²	

Certified buffer solutions

Complete buffer solution range to assure the professional calibration probe



ST PH

ST RX



KIT ST

KIT ST	pH 4.00 and 7.00 ; Quantity 50 cc each	9900102005
	pH 4.00 and 7.00 ; Redox 465 mV ; Quantity 50 cc each	9900102009
ST PH 4	pH 4.00 ; Temperature 20 °C ; Quantity 250 ml	9900122007
ST PH 7	pH 7.00 ; Temperature 20 °C ; Quantity 250 ml	9900122008
ST PH 9	pH 9,22 ; Temperature 20 °C ; Quantity 250 ml	9900122009
ST RX 465	Redox 465 mV ; Temperature 25 °C ; Quantity 250 ml	9900122010



Housings for filter cartridges

MODEL	Minor 5"	Pressure up to 8 bar ; Flow rate up to 120 L/min ; Temperature 2 ÷ 40 °C	<i>RIC0151073</i>
MATERIALS	Non-toxic materials ; Head Loaded PP ; IN/OUT threaded inserts Brass ; Cup SAN ; O-Ring NBR		



Filter cartridges

MODEL	RLN 20µm	Temperature 2 ÷ 40 °C	<i>CRLNMN05020000</i>
	RLN 80µm	Temperature 2 ÷ 40 °C	<i>CRLNMN05080000</i>
MATERIALS	Non-toxic materials ; Filtering Nylon (polyamide) ; External supports PP ; Cup PP ; Seals EPDM		



Faucet

MODEL	Connections IN ½ Gas F – OUT ½ Gas M ; Material Grey PVC- UC Body	<i>9900123002</i>
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TC1 Threaded water meters

Single-jet water meters with pulse sender, dry dial and roller reading.
Suitable for cold water up to 30° C.

25 MM / 1"	4 pulse/L	Max Flow (short period) 7 m³/h ; Nominal Flow 3,5 m³/h ; Min Flow (accuracy ±5%) 70 L/h	<i>WMT025C1D0</i>
	1 pulse/L	Max Flow (short period) 7 m³/h ; Nominal Flow 3,5 m³/h ; Min Flow (accuracy ±5%) 70 L/h	<i>WMT025C1A0</i>
50 MM / 2"	4 pulse/L	Max Flow (short period) 30 m³/h ; Nominal Flow 15 m³/h ; Min Flow (accuracy ±5%) 450 L/h	<i>WMT050C1D0</i>
	1 pulse/L	Max Flow (short period) 30 m³/h ; Nominal Flow 15 m³/h ; Min Flow (accuracy ±5%) 450 L/h	<i>WMT050C1A0</i>



FC Flanged water meters

Water-meter Woltmann series with dry dial reading and pulse sender.
Suitable for cold water up to 30°C

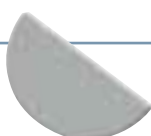
DN 80 / 3"	Max Flow (short period) 80 m³/h ; Nominal Flow 40 m³/h ; Min Flow (accuracy ±5%) 0,7 m³/h	<i>WMF080C110</i>
DN 100 / 4"	Max Flow (short period) 120 m³/h ; Nominal Flow 60 m³/h ; Min Flow (accuracy ±5%) 1,2 m³/h	<i>WMF100C110</i>



SER Tanks in polyethylene

Our tanks are designed to assemble dosing systems with mixers and motor driven pumps or solenoid dosing pumps. All are made from food-safe polyethylene, resistant to almost all chemicals normally encountered.

MODELS	Capacity	Height	Ø	Code
50	50 Litres ;	45,5 cm ;	Ø 40 cm	0000120042
100	100 Litres ;	64 cm ;	Ø 46 cm	0000120043
250	250 Litres ;	87 cm ;	Ø 60 cm	0000120044
300	300 Litres ;	95 cm ;	Ø 67 cm	0000120045
500	300 Litres ;	119 cm ;	Ø 76 cm	0000120046
1000	1000 Litres ;	122 cm ;	Ø 109 cm	0000120047



SML Reinforcement

Tank reinforcement made of PVC (20 mm thick) to be used to install mixers and motor driven pumps or solenoid dosing pumps on tanks SER series.

MODELS	Tank model	Code
100	Tank model SER 100	0000120010
250	Tank model SER 250	0000120004
300	Tank model SER 300	0000120013
500	Tank model SER 500	0000120005
1000	Tank model SER 1000	0000120014



Uncovered tanks in polyethylene

Designed to contain our tanks SER series. Material food polyethylene

MODELS	Tank model	Height	Ø	Code
T150	Tank model SER 100 ;	75,5 cm ;	Ø 51 cm	0000120070
T300	Tank model SER 250 ;	87,5 cm ;	Ø 67 cm	0000120071
T400	Tank model SER 300 ;	99,0 cm ;	Ø 72 cm	0000120072
T800	Tank model SER 500 ;	120 cm ;	Ø 90 cm	0000120073
T1500	Tank model SER 1000 ;	134 cm ;	Ø 122 cm	0000120074



Mixers

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

Slow mixers (200 RPM)	Tank model SER 300 ; Shaft 900 mm ; Propeller 220 mm	MS112M4P09E2200
	Tanks model SER 500 / 1000 ; Shaft 1100 mm ; Propeller 220 mm	MS112M4P11E2200
Fast Mixers (1400 RPM)	Tank model SER 300 ; Shaft 900 mm ; Propeller 220 mm	MF012M4P09D0900
	Tanks model SER 500 / 1000 ; Shaft 1100 mm ; Propeller 220 mm	MF012M4P11D0900

Blowers Side channel compressors

Blower system for Wellness and Professional Swimming pool applications



BL040



BL050



BL820

- Organic oxygen demand that can be further divided into oxygen required for cell synthesis and oxygen required for endogenous respiration
- Biological oxidation of ammonia nitrogen
- Oxidation of certain inorganic materials that may be present in the wastewater

BL040	Range 0 ÷ 200 mbar ; Flow Rate 140 ÷ 30 m ³ /h ; Output power 0.85 ÷ 1.3 kW ; Noise 63 ÷ 64 dB	<i>BL040001xxx</i>
BL050	Range 0 ÷ 275 mbar ; Flow Rate 210 ÷ 25 m ³ /h ; Output power 1.5 ÷ 2.2 kW ; Noise 64 ÷ 70 dB	<i>BL050001xxx</i>
BL820	Range 0 ÷ 650 mbar ; Flow Rate 520 ÷ 240 m ³ /h ; Output power 5.5 ÷ 17.3 kW ; Noise 74 ÷ 78 dB	<i>BL920002xxx</i>



Pool Cleaning Station

Specially designed for intensive cleaning and floors, surfaces disinfection

- It avoids waste of water, contributing thus to environmental protection and cost optimization
- It allows an effective mixing thanks to assisted calibration
- It works without electricity or compressed air

	Pool Cleaning	<i>LB09PC11xx</i>
	Mobile Trolley	<i>LB09PC11xxC</i>

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.



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