

**DOSING EQUIPMENT SEKO**

**Pool Basic Evo**

**PR 4**

**AXL 602**

**DPG 602**

**Tekna DPR 602**

**Kontrol DPR 602**

**Kontrol PC**

**Kontrol PR**

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**LIFEGUARD AUTOMATIC CHLORINE/BROMINE FEEDERS**

**AUTOMATIC FEEDER ACCESSORIES**



## DOSING EQUIPMENT SEKO - DOMESTIC

### Pool Basic EVO series

#### FEATURES:

- Easy and fast installation
- Safe and reliable system
- Assist self calibration
- Indication of electrode efficiency
- Minimum maintenance
- Peristaltic pump
- IP65 protection degree
- Simple electrical connection
- Complete installation kit included
- Power Supply 230 Vac
- Level Probe input – Flow sensor input – Flow signal input – PT100 temperature input
- End of product level alarm



### Pool Basic EVO pH 1,5

Reference	Code	Description	Euro
3016010621	SPHBASPA0051	pH controller Range 6,2 - 8,00 Backpressure 1,5 bar 1,5 l/h (5l/h on demand)	414

### Pool Basic EVO Redox

Reference	Code	Description	Euro
3016010622	SMVBASPA0011	Redox (ORP) controller Measure range A 480 - 750 mV Measure range B 660 - 930 mV Backpressure 1,5 bar 1,5 l/h (5l/h on demand)	414

### Pool Basic EVO Double

Reference	Code	Description	Euro
3016014255	SPMBA SPA 0002	pH & Redox controller pH range 0 - 14 Redox 0 - 1000 mV Backpressure 1,5 bar 1,5 l/h (5l/h on demand)	1299



**PR4 Peristaltic pump**

*Peristaltic pump technology means low maintenance, low noise output and no valves at all.*

*Dosing up to 4l/h ( adjustable flow ) at 1,5 bar. Ideal for dosing with Kontrol PR panel*



Reference	Code	Description	Pressure (bar)	Flow rate (l/h)	Euro
3016015534	PR44	Peristaltic pump	1,5	4	146

**Tekna membrane**

*Electromagnetic dosing pumps with adjustable working frequency.*

**AXL 602**

*Analogue, constant flow rate, with switch to reduce maximum flow rate 1/10*

*IP65 – Level Probe input – Priming valve – complete installation kit – Standard power supply 230Vac.*

Reference	Code	Description	Pressure (bar)	Flow rate (l/h)	Euro
3016015047	AXL602ASC0000	Tekna AXL 602 pH	5	6	358
3016018974	AXL602AHC0000	Tekna AXL 602 CH	5	6	432

**AKL 603**

Reference	Code	Description	Pressure (bar)	Flow rate (l/h)	Euro
3016018734	AKL603NHH	Tekna AKL 603	5	6	408

**DPG 602**

*Inlet for external analogue signal. (e.g. impulse counter ) with impulse multiplier / divider and external digital signal*

*0/4 – 20mA or 20 – 4mA.*

Reference	Code	Description	Pressure (bar)	Flow rate (l/h)	Euro
2301006093	DPG602AHC0000	DPG 602	5	6	671

**DPR 602**

**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 pH and Redox potential. By using the probe and relative buffer solution, 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*

*4-20 mA output – Proportional dosing – pH range 0 .. 14 accuracy 0.1 or 0.001– Redox range -99.. +999mV accuracy 1mV – level probe input stop / alarm*



Reference	Code	Description	Pressure (bar)	Flow rate (l/h)	Euro
3016012929	SFPC 100080	Tekna DPR 602 pH	5	6	597
3016012935	SFPC 100081	Tekna DPR 602 Redox	5	6	833



### Professional Kontrol Panels

The Kontrol series panels are compact, easy to use and include all the accessories required for immediate installation. Installation kit with calibrating solutions.

- Self calibrating of all measurements
- Compact probe holders, complete with flow sensor, Flow rate regulating valve and tap for bleeding
- Alarm signal to indicate no flow
- Adjustment on set point : on/off, pause/run
- Proportional by impulse
- Maximum pressure probe holder 6 bar
- Power supply 230 Vac (115 Vac on demand)
- Programmable set points and alarm
- Pump pause function during calibration
- °C reading and offset optional PT100
- IP65 Protection
- 4 – 20mA output for each measured meter

### Kontrol TPR



- Panel for measuring and setting the pH value and Redox potential. (ORP)  
 Compact plumbing, Visible electronic box, Easy to assemble
- 2 Tekna DPR dosing pumps, 1 with built-in DPH instrument and 1 with DR X instrument
  - Redox probe - +/- 999mV
  - pH probe, 0 – 14 pH
  - Self calibrating with quality control of the probes
  - Mechanical filter at water intake
  - Probe holder with sensor and flow regulator
  - Dimensions :

Reference	Code	Description	Pressure (bar)	Flow rate (l/h)	Euro
3016012932	9900299064	Kontrol DPR 602	5	6	1994,30

### Kontrol PR



- Panel for measuring and setting the pH value and Redox potential (ORP)
- Instrument PR 95
  - Redox (ORP) probe, +/- 999 mV
  - pH probe, 0 – 14 pH
  - Self calibrating with quality control of the probe
  - Mechanical filter at water intake
  - Probe holder with sensor and flow regulator
  - Dimensions
  - Dosing pumps not included, possibility to use 2 PR4 peristaltic or 2 Tekna AXL or DPG pumps

Reference	Code	Description	Euro
3016010623	SPCSTR	Kontrol PR	1697,28



## Kontrol PC

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

- PC95 Instrument
- Self cleaning Pt-Cu amperometric cell
- Chlorine 0 – 5 ppm +/- 1ppm, °C auto and manual compensation
- Self calibrating in relation to the physical chemical characteristics of the water
- pH probe, 0 – 14 pH
- Self calibrating with quality control of probe
- Solenoid valve to shut off the water flow for self calibration
- Mechanical filter at the water intake
- Version available on request for high conductivity – Sea water



Dosing pumps not included, possibility to use 2 PR4 peristaltic or 2 Tekna AXL or DPG pumps

Reference	Code	Description	Euro
3016012933	SPCTOPCA	Kontrol PC	3421,08

## Kontrol pH Cl-Sensor

Panel for measuring and setting the pH value and the Chlorine concentration with Potentiostatic sensor

- **Kontrol CL50**
  - mA Current Output Galvanic isolation
  - Chlorine 0,0 – 20,0 ppm Free Chlorine
  - Resolution +/- 0.01 ppm O2
  - Temperature range -10°C - +150°C
  - IP65
- **Kontrol PR40**
  - mA Current Output Galvanic Isolation 0/4-20 or 20 – 4/0 mA
  - pH probe, 0 – 14 pH
  - Accuracy 1%
  - Temperature 0 – 100°C with PT-100 sensor
  - IP65
- **Mechanical filter at the water intake**

Dosing pumps not included, possibility to use 2 PR4 peristaltic or 2 Tekna AXL or DPG pumps

Reference	Code	Description	Euro
3016016167	PHCL	Kontrol pH Cl Sensor	on demand



### Photometer 4

Multi parameter, microprocessor analyser. Controller for residual Free or Total\* Chlorine, pH, Redox potential and temperature.

The Photometer 4 is able to carry out photometric analysis in an automatic cycle. The type of analytic method applied (DPD – Diethyl Paraphenyl Diamine Photometric method) makes high precision measurements possible.

Power supply 110 V – 220 V 50Hz IP55 11,5 kg Dimensions : 1605xh380xp240

Measurements	Chlorine	pH	Redox	°C
Range	0.00-5.00 ppm Cl <sub>2</sub>	0.00-14.00	± 1000mV	0-50
Resolution	0.01 ppm Cl <sub>2</sub>	0.1	± 1mV	± 0,1
Display	luminous red light	luminous red light	luminous red light	luminous red light
Set point	3 settable	2 settable	-	-
Max load for set	3A 220V resistance load	3A 220V resistance load	-	-
Current output	0/4-20 mA 500amp	0/4-20 mA 500amp	0/4-20 mA 500amp	0/4-20 mA 500amp
Analysis frequency	program between 3860 min	-	continuous	continuous

Reference	Code	Description	Euro
3016016168	SPT4CLMW	Photometer 4	5702

### Options and accessories

#### Suction devices

Pre-assembled suction devices made of PVC/PP with foot valve. Suction devices are equipped with filter to protect pump valves from suspended particles that can compromise the flow rate.

Reference	Code	Description	Euro
3016010598	9900100169	Suction device 450x22 diam. 4x6	25,38
3016010937	9900100098	Suction device with level contact 450x22 diam. 4x6	43,76
3016018507	9900100075	Suction device with 2 level contacts 450x22 diam. 4x6	61,79

#### Reservoirs

Reference	Description	Euro
3016010546	50 l reservoir	121
3016010547	100 l reservoir	134

#### Probe holder

Reference	Code	Description	Euro
3016010732	9900103608	PSS7 Off line type PVC transparent, max 3 electrodes, 40°C, 6 bar	172
4702022080	9900103011	PSS3 In line type PP, 80°C, 7 bar, 1/2" connection	26,52
2401008509	9900108003	Screen cable 5 m with BNC and S7 connectors for PSS7	65,24



**Probes**

Reference	Code	Description	Euro
3016013065	9900105001	pH Probe, range 0-14, 60°C, 7 bar. Cable 1,5 m	121
4702020599	9900105002	pH Probe, range 0-14, 60°C, 7 bar. Cable 5 m	165
3016013066	9900105031	Redox Probe, range + 200 mV, 60°C, 7 bar. Cable 1,5 m	178
4702024511	9900105032	Redox Probe, range + 200 mV, 60°C, 7 bar. Cable 5 m	220
3016016169	PT 100	PT-100 temperature sensor, diam. 12 mm 0-100°C, 2 bar, cable 5m	146
3016016170	PT 100 NUT	PT-100-NUT temperature sensor, 1/2" 0-100°C, 6 bar, cable 1m	89,27
3016013067	RI00123055	ELT CU TOP Cu cell for amperometric cell	111

**Membrane for Pool Basic**

Reference	Code	Description	Euro
3016013068	9900090057	Membrane for Pool Basic pump	12,99

**Buffer Solutions**

Reference	Code	Description	Euro
3016013069	9900102005	Buffer solution pH 4 & pH 7 - 50 ml	13,13
3016019055	9900120007	Buffer solution pH 4 - 250 ml	27,21
4702022084	9900122008	Buffer solution pH 7 - 250 ml	27,21
3016013070	9900102004	Buffer solution 465mV - 50 ml	10,42

**Replacement cartridge**

Reference	Code	Description	Euro
3016013206	126043	Cartridge for filter Kontrol serie	40,18





## LIFEGUARD AUTOMATIC CHLORINE / BROMINE FEEDERS

Years of customer use and satisfaction have proven the Rainbow feeders to be **the performance leader in pool & spa chemical dispensers.**



### FEATURES

- No special venting required
- Completely enclosed system
- No escaping gases

### IN-LINE FEEDERS

*320 Series. For permanent installation in return line of new or existing pools or spas. Installs in return line on pressure side of pump down stream of all equipment. Standard with 2" slip connection and includes 50mm adapters.*

### OFF-LINE FEEDERS

*300 Series. For existing pools or spas. Operates on pressure side of pump. Uses 1/4" feeder hoses, control valve and fittings.*

Reference	Model n°	Pack	Kg.	Description	Euro
<b>IN-LINE FEEDERS</b>					
3016022069	320C	6	14	In-Line feeder with see-through amber body	118
<b>OFF-LINE FEEDERS</b>					
3016022071	300C	6	12	Off-Line feeder with see-through amber body	115
3016022072	300-19	1	2,3	Same as #300 with 480mm chamber, holds double capacity	90,38
3016022073	300-29	1	2,8	Same as #300 with 735mm chamber, holds triple capacity	96,56
<b>COMMERCIAL AND HIGH CAPACITY FEEDERS</b>					
3016022075	HC-3315	1	4,1	High capacity feeder with 32mm slip adapters	227
3016022076	HC-3330	1	5,3	High capacity feeder with 32mm slip adapters	245
3016022078	HC-3340	1	6,4	High capacity feeder with 32mm slip adapters	255



## AUTOMATIC FEEDER ACCESSORIES

### EXTENSIONS

*These optional extensions will increase tablet capacity.*

### IN-LINE CHECK VALVES

*Corrosion resistant spring actuated check valves for use with low pH feeders to check the back flow of chemicals, preventing corrosion problems and damage. Can be mounted in any position.*

### STANDARD IN-LINE CHECK VALVES / BY-PASS VALVES

*Use where harsh chemical environment is not expected.*

### SILICON LUBRICANT

*Excellent for use on rubber seals, gaskets and O-rings in contact with plastic and metals where binding and corrosion occur.*



Reference	Pack	Kg.	Description	Euro
			<b>EXTENSIONS</b>	
3016022079	bulk		254 mm extension doubles tablet capacity	24,85
			<b>CORROSION RESISTANT IN-LINE CHECK VALVES</b>	
3016022093	bulk		1/2" tube x tube check valve	17,32
			<b>STANDARD IN-LINE CHECK VALVES/BY-PASS VALVES</b>	
3016022099	bulk		By-pass valve (1 1/2" or 2"), n°12 spring, slip fittings	16,89