Catalog 2025

The specialist for safe swimming

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Due to the current market situation, price changes can be implemented during 2025.

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SPI Measurement and control photometric

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CHLORINE

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For replacement parts of the SPI pag. 8 to 13

Article	Description	Art. no.
	Flow sensor 8020 Sensor with paddle wheel . Assembled with saddle with stütze.	3119010
	Plug for Flow sensor 8020	2501003

For assembly from saddle with stütze Chapter 6 pag. 48

Annual replacement parts SPI 170:	**see Chapter 3 and 4**
1x SPI-170 Silicone tubing set	art.no.3599239
1x SPI-170 O-rings set measuring block	art.no.3599209
1x SPI-170 Measure water filter conical	art.no.3599032
1x SPI-170 Blue valve for measuring water	art.no.3599019
1x SPI-170 Check Valve	art.no.3599210
1x SPI-170 Hose clamp	art.no.3599026
1x pH electrode	art.no.8916001
1x SEM Buffer 4,0 (50 or 250ml)	art.no.9601003 or 9601007
1x SEM Buffer 7,0 (50 or 250ml)	art.no.9601001 or 9601008
1x Reagent bottle 250ml + drop transfer	art.nr.3606525 or 3599368

For reagents from the SPI-170 pag.10

PEROXIDE

Article	Description	Art. no.
	SEM SPI P-170 MEASUREMENT OF PEROXIDE The SPI P 170 controls pH and peroxide values. The control is suitable for privat pools, drinking water treatment and proces water. Can be used wih peristaltic and membranes pumps. Specifications: • Photometrique principle • **MEASUREMENT OF PEROXIDE (mg/l)** • pH measurement • Flow measurement • Power supply : 230V • Internal power: 12VDC • PC communication /analogue module optional • With hose connection 6x12 Delivered with pH electrode, buffer fluid 4 and 7, peroxide color 1L and manuel. **Flow sensor, communication and analogue modules not included.** **These need to be ordered separately.**	3540172

For replacement parts of the SPI pag. 8 to 13

	Flow sensor 8020 Sensor with paddle wheel . Assembled with saddle with stütze.	3119010
	Plug for Flow sensor 8020	2501003

For assembly from saddle with stütze Chapter 6 pag. 48

NOTE	**Annual replacement parts SPI 170:** 1x SPI-170 Silicone tubing set 1x SPI-170 O-rings set measuring block 1x SPI-170 Measure water filter conical 1x SPI-170 Blue valve for measuring water 1x SPI-170 Check Valve 1x SPI-170 Hose clamp 1x pH electrode 1x SEM Buffer 4,0 (50 or 250ml) 1x SEM Buffer 7,0 (50 or 250ml) 1x Reagent bottle 250ml + drop transfer	**see Chapter 3 and 4** art.no.3599239 art.no.3599209 art.no.3599032 art.no.3599019 art.no.3599210 art.no.3599026 art.no.8916001 art.no.9601003 or 9601007 art.no.9601001 or 9601008 art.nr.3606525 or 3599368

For reagents from the SPI-170 pag. 10

COMPACT

Article	Description	Art. no.
	SEM COMPACT DOSING SYSTEM, **pH en CHLORINE** **control wall mounting** • Compact and complete dosing system for swimming pool chemicals • Fast assembly • Elektrically completely wired • Dosing pumps switching via a flow meter • **SEM SPI-170 Photometric** • Dosing pumps: 2x SEM B&S DIGI 7 (35 ml/hour-1,0 l/hour) • Hose size measuring water supply: 6x12mm • Hose size chlorine and acid supply: 6x12mm • Power supply : 230V • Power: 100VA • Dimensions (h x w): 120x70cm For technical specifications see SEM SPI 170 and B&S DIGI 07 Peristaltic pump. **Flow sensor, communication and analogue modules not included.** **These need to be ordered separately.**	2503105
	SEM Compact Dosing system, **complete with pH en PEROXIDE** **control wall mounting**	2503115
	ATTENTION: **EXTRA CHARGE 2x B&S DIGI 40** **(180ml/hour – 7,0 l/hour)**	
	CONNECTION SET SEM COMPACT **Dosing system** **Only avaiable with SEM compact dosing system!** Content connection set : • 4x Saddle up to max. 110mm (larger sizes at extra charge) • 2x measuring water tap complete ½" x M20 • 2x Teflon injection valve • 2x suction lance with sieve • 4x Hose connection 6x12mm • 50 meter Reinforced PVC hose 6x12mm	2503106 (on demand) (art.no. 2513020) (art.no. 3750002) (art.no. 3760000) (art.no. 3750612) (art.no. 4307010)

Article	Description	Art. no.
	Reagent reservoir for one system: **SPI 170 reagent reservoir** Reagent reservoir - Removable cover - Easy to clean	3599245
	SPI 170 reagent reservoir with accessories Set consists of: - reservoir - reagent bottle 250ml - Drop transfer - hose connection 4mm For complete assembly	3599249
	SPI 170 Reagent bottle 250ml Upper bottle	3606525
	SPI 170 Drop transfer For bottle 100/250 ml	3599268
	Central reagent reservoir 1L for different SPI systems consists of: • Mount in plastic IP65 housing (dim. 400x300x165mm HxWxD) • Mounting plate powder coated • Cabinet is airtight and equipped with a ventilation grid • Incl. replacement set consisting of silicone hose, tyraps, pegs, tee and knee piece 4mm • Silicone cap for liter bottle • Use liter bottle containing reagent!	3530320
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	SPI 170 Drop transfer 1000ml For central reagent reservoir 1L	3599368

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	PVC cap plug + union nut For SPI 170 temperature sensor 3599518	3599517

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	FOR 1 SPI SYSTEM: **SPI C-170 reagent A+B** Reagent for SPI 170 system 1 liter + powder. (no add of demineralised water!!!) **For chlorine measurement**	3504010
	FOR DIFFERENT SPI SYSTEMS: **SPI 170 reagenT A+B** Reagent for SPI 170 system 1 liter + powder + 4 L demineralised water (in total 5 liter reagent) **For chlorine measurement**	3504001
	SPI 170 Demineralised water 4 liter In 5L can	3914033
	SPI 170 Peroxidecolor Reagent for SPI 170 system peroxide 1 bottle of 1 liter. **For peroxide measurement**	3530316
	SPI 170 Drop transfer 1000 ml For central reagent reservoir 1L Cap can be screwed directly onto the liter bottle of the reagents!	3599368

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	SPI 170 Cleaning brush set Brush for cleaning measurement cell. Set of 3 brushes	3599211
	SPI 170 Cleaning brush set Brush for cleaning measurement cell. Set of 4 brushes	3599310
	SPI-170 Silicone hose set For 1 SPI-170	3599239
	SPI-170 Silicone tubing 4x7mm For water or reagent (supply) per meter	3599013
	SPI-170 Silicone tubing 8x12mm For water drain, per meter	3599014
	SPI-170 replacement kit (photometric) Suitcase with replacement parts for service on SPI-170 photometric • Solenoid valve (2x) (3599127) • Solenoid valve connection (2x) (3599208) • Hose connection 4mm (2x) (3599260) • Measuring filter conical (3599032) • Faucet (3599019) • Hose clamp (3599026) • Cleaning brush set (3599211) • Silicone hose set (3599239) • Seal set for measurement cell (3599209) • End plug measurement cell (3599261) • Check valve (3599210) • Sieve 16 mm (3808010) • Fill pipe (3599207) • Silicone grease (8119005) • Cleaning brush measuring cell 3599310) • Luer connection (3599262)	3599299

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SPI measurement and control amperometric

2

CHLORINE

Article	Description	Art. no.
	SEM SPI C-170 AMP The SPI C-170 controls pH and chlorine values. The control is suitable for professional pools. (W.H.V.B.Z. / VLAREM).Can be used with peristaltic and membrane pumps Specificaties: • AMPEROMETRIC PRINCIPLE • **MEASUREMENT OF CHLORINE (mg/l)** • pH measurement • Flow measurement • Power supply : 230V • Internal power : 12VDC • PC communication/analogue module optional • With hose connection 6x12 Delivered with pH electrode, buffer fluid 4 and 7, and manuel. **Flow sensor, communication and analogue modules not included.** **These need to be ordered separately.**	3540173

For replacement parts of the SPI pag. 17 and 18

Article	Description	Art. no.
	Flow sensor 8020 Sensor with paddle wheel . Assembled with saddle with stütze.	3119010
	Plug for Flow sensor 8020	2501003

For assembly from saddle with stütze Chapter 6 pag. 48

NOTE

Annual replacement parts SPI 170:	see Chapter 4
1x FIP Sieve 160mm	art.no.3808010
1x Copper electrode	art.no.3811010
1x pH electrode	art.no.8916001
1x SEM Buffer 4,0 (50 or 250ml)	art.no.9601003 or 9601007
1x SEM Buffer 7,0 (50 or 250ml)	art.no.9601001 or 9601008

A complete SPI 170 dosing installation consists of:

• SPI C-170	(see Chapter 1)
• 2x suction lance with sieve	(art.no. 3760000)
• 2x measuring water tap	(art.no. 2513020)
• 2x teflon injection valve	(art.no. 3750002)
• 3x saddles	(on demand)
• 2x B&S DIGI peristaltic pumps	(see chapter 5)
• 2x Tubing with connections	(see chapter 6)
• 4x hose connections 6x12	(art.no. 3750612)
• 2x Control cable with 1 plug	(art.no. 2501010)
• 2x Mounting bracket	(art.no. 2816030)
• 2x dosing tank	(see chapter 6)
• 2x Safety tank	(see chapter 6)
• Reinforced PVC hose 6x12	(art.no. 4307010)

COMPACT

Article	Description	Art. no.

SEM Compact Dosing system, complete pH en chlorine wall mounted (AMPEROMETRIC)

- Compact and complete dosing system for swimming pool chemicals
- Fast assembly
- Elektrically completely wired
- Dosing pumps switching via a flow meter
- **SEM SPI-170 Amperometric**
- Dosing pumps: 2x SEM B&S DIGI 7 (40 ml/hour-1,0 l/hour)
- Hose size measuring water supply: 6x12mm
- Hose size chlorine and acid supply: 6x12mm
- Power supply : 230V
- Power: 100VA
- Dimensions (h x w): 120x70cm

For technical specifications see SEM SPI 170 AMP and B&S DIGI 07 Peristaltic pump.
Flow sensor, communication and analogue modules not included.
These need to be ordered separately.

ATTENTION:
EXTRA CHARGE 2x B&S DIGI 40
(180ml/hour – 6,6 l/hour)

2503104

CONNECTION SET SEM COMPACT Dosing system
Only avaiable with SEM compact dosing system!!

Content connection set :

• 4x Saddle up to max. 110mm (larger sizes at extra charge)	(on demand)
• 2x measuring water tap complete ½" x M20	(art.no. 2513020)
• 2x Teflon injection valve	(art.no. 3750002)
• 2x suction lance with sieve	(art.no. 3760000)
• 4x Hose connection 6x12mm	(art.no. 3750612)
• 50 meter Reinforced PVC hose 6x12mm	(art.no. 4307010)

2503106

Article	Description	Art.no.
	Copper electrode For SPI and SEM Control amperometric	3811010
	Platinum electrode For SPI and SEM Control amperometric .	3816090
	Silver electrode (for salt baths) For SEM Control.	3826010
	Pin plug blue 4mm For SPI 170 and SEM Control amperometric.	6716001
	Bus plug red 4mm For SPI 170 and SEM Control amperometric.	6702001
	Seal for copper/platinum electrode For chlorine measuring cell SPI AMP and SEM Control	3815010
	Seal 5/8" from chlorine measuring cell For chlorine measuring cell SPI AMP and SEM Control	3808007
	SEM Glass beads 100 pieces in chlorine measuring cell 1 bag about 100 pieces	3807020
	Chlorine measuring cell complete Amperometric, copper and platinum electrode included	3803110
	Chlorine measuring cell Amperometric, without copper and platinum electrode	3803011
	Membrane tap valve Replacement tap valve for SEM Control and SPI	4325005

Article	Description	Art. no.
	PVC End plug PG 9 For SPI and SEM Control amperometric	3701009
	Seal for PVC End plug PG 9	2615020
	PVC End plug PG 13,5 For SPI and SEM Control amperometric	3701135
	Seal for PVC End plug PG 13,5	8015002
	FLowmeter 5-60l/hour with magnetic drive For SPI and SEM Control.	9801001
	Flow float with magnet	3808004
	Flow contact from flow meter For SPI and SEM Control.	3806002
	SPI-170 Amperometric earthing set	3599287
	SPI-170 Replacement kit (amperometric) Suitcase with replacement parts for service on SPI-170 amperometric • Flowcontact (38506002) • Tap valve (4325005) • Seals chlorine measuring cell 5/8" (2x) (3808007) • Seals chlorine measuring cell (2x) (3815010) • Sieve 16 mm (3808010) • End plug PVC flow block (3x) • Glass beads measuring cell (3807020) • Pin plugs 4mm (2x) (6716001) • Bus plugs 4mm (2x) (6702001) • Silicone grease (8119005)	3599298

SERVICE SPI
We recommend to replace annually the following parts of the SPI and SEM Control.

- pH electrode
- Copper electrode
- Buffer
- Sieve

Accessories for SPI measurement photometric and amperometric

3

Article	Description	Art. no.
	SEM SPI 170 Modbus module The SPI 170 is expandable with a modbus module. The SPI can be taken over on distance via the standard TCP/IP protocol. It is possible logging 250 measurements and display it in a graphics. It is also possible to help clients by looking to the SPI on distance.	3599326
	SEM SPI 170 analoge module The analog module can be used to expand the SPI 170 with 4 analog outputs: - Current Chlorine / Peroxide - Current pH value - Pump action Chlorine / Peroxide - Pump action acid These analog outputs are adjustable from: 0-10V / 2-10V / 0-20mA / 4-20mA	3599227
	SPI-170 Data network cable 3 meter cable with UTP plugs	6713104

More information see www.semwaterbehandeling.nl

Article	Description	Art. no.
	SPI- 170 Controller PHOTO Control unit for the SPI 170. For the measurement of chlorine, pH , flow.	3540174
	SPI- 170 Controller PHOTO Control unit for the SPI 170. For the measurement of peroxide, pH , flow.	3540175
	SPI- 170 Controller AMP Control unit for the SPI 170. For the measurement of chlorine AMP, pH , flow.	3540182
	SPI-170 Supply 12VDC Supply 12 VDC	3599292
	SPI-170 supply connection Europe Supply connection .	3599294
	SPI-170 Relay box Box for control dosing pumps 230V.	2518110
	SPI-170 Supply Supply for connection of flow sensor to the SPI-170 with supply 24VDC (sensor 8041 / SN10350)	2523001
	APC Easy-UPS Emergency power supply 500VA, 4x socket. Can act as a surge protector for electrical equipment.	2526700

Article	Description	Art. no.
	SPI -170 frame black * Frame for mounting SPI 170 * Suitable for multiple systems * Panel Dimensions: 540 x 540 x 125mm (LxWxD) * Frame Legs adjustable up to 50mm	3550000
	SPI 170 Connecting bracket	3550010
	SPI 170 Mounting bracket	3550011
	SPI 170 Hanger bracket	3550012
	SPI 170 Bracket for SPI (for gutter)	3550013
	SPI 170 Black end cap for SPI frame	3550014

Article	Description	Art. no.
	pH electrode For SPI, SEM Control en handheld meters	8916001
	Redox electrode Meaurument of redox	7925001
	pH / Redox cable (with BNC) For SPI, SEM Control en handheld meters	3816040
	pH / Redox cable (without plug) For SPI 170 (> 08 /2018)	3816440
	SEM Buffer 250ml pH 4	9601007
	SEM Buffer 250ml pH 7	9601008
	SEM Buffer 250ml pH 9	9601009
	SEM Buffer 50ml pH 4	9601003
	SEM Buffer 50ml pH 7	9601001
	Redox Buffer 468 mV 30 ml	7925020

Article	Description	Art. no.
	PVC Valve 16 mm EPDM (orange handle) for controller	4311021
	Sieve For the SPI and SEM Control.	3808010
	Strainer Complete , incl. sieve and coupling 16mm for the SPI and SEM Control	3806010
	Strainholder for strainer 16mm. For SPI and SEM Control.	3826003
	Locking ring for strainer 16mm. For SPI and SEM Control.	3812011
	Seal for strainer Seal for strainholder strainer (16mm). For SPI and SEM Control.	3815002
	Locking ring swivel for strainer 16mm. For SPI and SEM Control.	3802016

Peristaltique pumps and accessoiries

4

Article	Description	Art. no.

MANUEL DOSAGE

B&S DIGI V
Peristaltic pump for flocculant !!
Due to the simple menu structure, all the
parameters can be entered.
Also equipped with a clear red LED display,
NOT CONTROLLED REMOTELY
Can be used for chlorination, dosing of soda.
Delivered without marprene tubing.

Capacity of pump using marprene tubing:

2,4 mm: capacity of 35 ml - 330 ml/hour
3,2 mm: capacity of 60 ml - 510 ml/hour
4,8 mm: capacity of 120 ml - 1000 ml/hour

2502041

CONNECTION KIT only available with purchase of a B&S DIGI V !

Connection kit B&S DIGI V
Content connection kit:
- 1x Marprene tubing with connection 6x12mm
  (Specify tubing diameter)
- 1x Teflon injection valve
- 1x Suction lance with sieve
- 2x Hose connection 6x12mm

2522026

Connection kit B&S DIGI V
Content connection kit:
- 1x Marprene tubing with connection 6x12mm
  (Specify tubing diameter)
- **1x Injection ball valve**
- 1x Suction lance with sieve
- 2x Hose connection 6x12mm

2522033

Connection kit B&S DIGI V
Content connection kit:
- 1x Marprene tubing with connection 6x12mm
- (Slangdiameter specifiëren)
- **1x Injection ball valve extended**
- 1x Suction lance with sieve
- 2x Hose connection 6x12mm

2522034

Article	Description	Art. no.

CONTROLLED REMOTELY AND MANUAL DOSAGE

B&S DIGI Peristaltic pump

**Due to the simple menu structure, all the parameters can be entered.
Also equipped with a clear red LED display .**

B&S DIGI 7 Peristaltic pump
CONTROLLED REMOTELY
**Delivered without marprene tubing and
control cable.**

Capacity of pump using marprene tubing :

2,4 mm: capacity of 35 ml - 330 ml/hour
3,2 mm: capacity of 60 ml - 510 ml/hour
4,8 mm: capacity of 120 ml - 1000 ml/hour

2502011

B&S DIGI 40 Peristaltic pump
CONTROLLED REMOTELY
**Delivered without marprene tubing and
control cable.**

Capacity of pump using marprene tubing .
Pompcapaciteit met gebruik van marprene slang:
2,4 mm: capacity of 180 ml - 2,2 l/hour
3,2 mm: capacity of 300 ml - 3,4 l/hour
4,8 mm: capacity of 600 ml - 6,6 l/hour

2502051

B&S DIGI 100 Peristaltic pump
CONTROLLED REMOTELY
**Delivered without marprene tubing and
control cable**.

Capacity of pump using marprene tubing .

2,4 mm: capacity of 500ml - 6,4   l/hour
3,2 mm: capacity of 800ml -   10,0 l/hour
4,8 mm: capacity of 1500ml - 22,0 l/hour

2502051

Catalog 2025

Article	Description	Art. no.

CONNECTION KIT only available with purchase of a B&S DIGI Peristaltic pump !

Connection kit B&S DIGI Peristaltic pump

2522024

Content connection kit :
- 1x Marprene tubing with connection 6x12mm
- (Specify tubing diameter)
- 1x Teflon injection valve
- 1x Suction lance with sieve
- 2x Control cable 2 m with 1 plug
- 2x Hose connection 6x12mm

Connection kit B&S DIGI Peristaltic pump

2522031

Content connection kit:
- 1x Marprene tubing with connection 6x12mm
  (Specify tubing diameter)
- **1x Injection ball valve**
- 1x Suction lance with sieve
- 1x Control calbe 2 m with 1 plug
- 2x Hose connection 6x12mm

Connection kit B&S DIGI Peristaltic pump

2522032

Content connection kit:
- 1x Marprene tubing with connection 6x12mm
  (Specify tubing diameter)
- **1x Injection ball valve extended**
- 1x Suction lance with sieve
- 1x Control calbe 2 m with 1 plug
- 2x Hose connection 6x12mm

Article	Description	Art. no.
	CONTROLLED REMOTELY AND MANUAL DOSAGE	

B&S DIGI Peristaltic pump

Due to the simple menu structure, all the parameters can be entered. Also equipped with a clear red LED display .

B&S DIGI 100 Peristaltic pump set with higher capacity

2502090

Version with 2 dosing pumps including 2 suction hoses with foot weight. The discharge side is connected by a T-piece, so that only 1 injection valve is necessary .

*2x DIGI 100 Peristaltic pump
From 3000 ml/uur up to 44,0 l/uur
CONTROLLED REMOTELY

Tubing 4,8 mm: capaciteit van 3000 ml - 44,0 l/uur

* Connection set consisting of 2x flow hose 4.8mm with hose coupling, 2x control cable 2 meters, 2x foot weight, 2x hose connection, 1x T-piece

* NOT INCLUDED: injection valve, connection and support

For all the injection valves see page 32

For connections see page 38

Article	Description	Art. no.
	Control cable **This cable is necessary for the external control of the B&S peristaltic**	
	Control cable 2 meter, 1 plug	2501010
	Control cable 4 meter, 1 plug	2501011
	Control cable 10 meter, 1 plug	2501015
	Control cable 25 meter, 1 plug	2501025
	Separate pump head 313 X-ER For the B&S DIGI serie. **Attention : not possible on the B&S DIGI 100!**	4916030
	Pump head 313 D-ER Each B&S pump is equipped with this head	4916040
	Pump head pressure tester **Test tool** for a pressure measurement of the pump head D-ER en X-ER.	2516201
	B&S DIGI Peristaltic pump replacement kit Suitcase with replacement parts for service on the B&S DIGI peristaltic pump • EPDM seal injection valve • Sieve suction lance • Hose connection 4x6/5x8/6x12mm • Swivel hose connection (2x) • Teflon injector with check valve(3x) • Crimp ring 6/8/12mm • Hose barb 4/6/8 (2x) • Connector M20xM20 (2x) • Seal viton hose connection (10x) • Check valve viton for injection valve (5x)	2522027

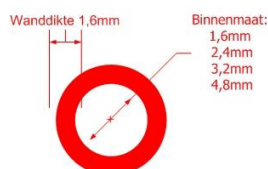| Article	Description	Art. no.
	Teflon injection valve Insert size 50mm Delivered without hose connections. To use **until** diameter 110 mm	3750002
	Teflon injection valve Insert size 150mm Delivered without hose connections. To use **from** diameter 110 mm	3750001
	Teflon injector with check valve	3720023
	Check valve viton for injection valve	2518010
	Injection ball valve SEM Delivered without hose connections To use **until** diameter 110 mm	3750005
	Injection ball valve SEM Extended Delivered without hose connections To use **from** diameter 110 mm	3750006
	EPDM seal for injection ball valve	7115082
	Viton seal for injection ball valve/ teflon injection valve Seal o-ring to mount the injection valve/ injection ball valve in line	2515775
	Replacement part for injection ball valve ½"	3750010
	Tubing connection 6 x 12mm (For marprene tubing 6,4mm and reinforced tubing 6x12mm)	3750612

Article	Description	Art.no.
	Mounting bracket for dosing pump Equipped with overflow connection 1/4 "hose barb. With removable plate.	2816030
	Dosing valve with connections Delivered with 3x 6x12 mm connections. Material valve is viton	2504125
	Suction lance For suction of chemicals in a can of 25 L Length 450mm Delivered with hose connection 6x 12 mm	3760100
	Foot Weight Suction point in dosing tank Delivered without hose connections.	3760000
	Extra weighting for foot weight Foot weight will not float. Connections M20 F x M20 M Delivered without connections	3760051
	Sieve For foot weight	3808010
	Tubing connection 6 x 12mm (For marprene tubing 6,4mm and reinforced tubing 6x12mm)	3750612

Article	Description	Art. no.

Maintenance of marprene tubing:
Replace annual the marprene tubing and the
viton O rings of the connections.

Marprene tubing can be used for chlorine, acid and flocculant

Marprene tubing with connections

Marprene tubing (1m) equipped with
connections . Replacing the tubing is now
even easier. Standard equipped with
connections for connection of reinforced PVC
tubing (6x12). **The specified sizes are
inside dimensions of the tubing.
Wall thickness tubing is 1,6 mm.**

Wanddikte 1,6mm   Binnenmaat:
                       1,6mm
                       2,4mm
                       3,2mm
                       4,8mm

Article	Description	Art. no.
	Tubing 1,6mm	2505900
	Tubing 2,4mm	2505901
	Tubing 3,2mm	2505902
	Tubing 4,8mm	2505903

Pure Weld tubing can be used for peroxide.

Wanddikte 1,6mm   Binnenmaat:
                       1,6mm
                       3,2mm
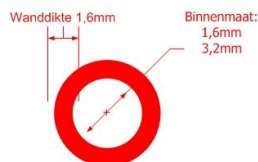
Article	Description	Art. no.
	Pure Weld tubing 1,6mm	2505811
	Pure Weld tubing 3,2mm	2505812

Article	Description	Art. no.

Maintenance of marprene tubing:
Replace annual the marprene tubing and the
viton O rings of the connections.

Marprene tubing can be used for chlorine, acid and flocculant
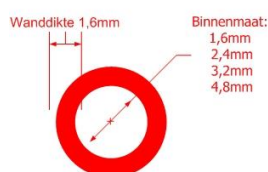
Marprene tubing
The specified sizes are inside dimensions of
the tubing.
Wall thickness tubing is 1,6mm

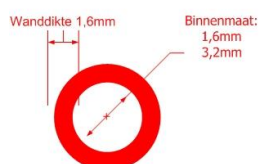| **Marprene tubing per meter** 1,6mm	4913016
Marprene tubing per meter 2,4mm	4913024
Marprene tubing per meter 3,2mm	4913032
Marprene tubing per meter 4,8mm	4913048

Pure Weld tubing can be used for peroxide.

Pure Weld tubing 1,6mm (per m)	4914116
Pure Weld tubing 3,2mm (per m)	4914132

Reinforced PVC tubing can be used as supply line for measuring water and chemicals.

Reinforced PVC tubing 6x12mm Price per meter.	4307010
Reinforced PVC tubing 4x8mm Price per meter.	4307009

Reinforced PVC Tubing 1 roll = 50 m !

Article	Description	Art. no.
	Swivel	3723010
	Viton seal	2615020
	Connector M20xM20.	3700200
	Connector M20 x 16mm (glue)	2581194
	Connector M20 x 1/2"	2581198
	Connector M20 x 1/4"	2581290
	Connector M20 x 3/8"	2581192
	Connector 1/2" x 16mm (glue)	2581197
	PVC T-piece 16 mm M20 x M20 x M20 Without connections	2508020
	Tubing connection 6 x 12mm (For marprene tubing 6,4mm and reinforced tubing 6x12mm)	3750612

For other connections see page 38

Article	Description	Art. no.
	Crimp ring 5,5mm **Hose barb 1,6mm** (For marprene tubing 1,6mm)	3712055 3711016
	Crimp ring 6mm **Hose barb 4mm** (For marprene tubing 2,4mm and 3,2mm)	3712046 3711046
	Crimp ring 8mm **Hose barb 5mm** (For marprene tubing 4,8mm)	3712058 3711058
	Crimp ring 12mm HMPE **Hose barb 6mm** (For marprene tubing 6,4mm and reinforced pvc tubing 6x12mm)	3712612 3711612
	Crimp ring 12mm HMPE **Hose barb 9mm** (For tubing inside 9mm and outside 12mm)	3712612 3711912
	Crimp ring 10mm **Hose barb 4mm** (For tubing inside 4mm en outside 10mm)	3712410 3711046
	Tubing connections 9 x 12mm (For tubing inside 9mm and outside 12mm)	3750912
	Tubing connections 6 x 12mm (For marprene tubing 6,4mm and reinforced pvc tubing 6x12mm)	3750612
	Tubing connections 5 x 8mm (For marprene tubing 4,8mm)	3750058
	Tubing connections 4 x 6mm (For marprene tubing 2,4mm and 3,2mm)	3750046
	Tubing connections 1,6 x 5,5mm (For marprene tubing 1,6mm)	3751655

Article	Description	Art. no.
	Tubing connector Consists of : • 2x tubing connections • 1x connector M20xM20	
	Tubing connector 9 x 12 - 9 x 12	2504095
	Tubing connector 6 x 12 – 6 x 12	2504098
	Tubing connector 6 x 12 - 9 x 12	2504099
	Tubing connector 5 x 8 – 5 x 8	2504102
	Tubing connector 5 x 8 – 6 x 12	2504103
	Tubing connector 5 x 8 - 9 x 12	2504104
	Tubing connector 4 x 6 – 4 x 6	2504106
	Tubing connector 4 x 6 – 5 x 8	2504107
	Tubing connector 4 x 6 – 6 x 12	2504108
	Tubing connector 4 x 6 - 9 x 12	2504109
	Tubing connector 1,6 x 5,5 – 1,6 x 5,5	2504110
	Tubing connector 1,6 x 5,5 – 4 x 6	2504111
	Tubing connector 1,6 x 5,5 – 5 x 8	2504112
	Tubing connector 1,6 x 5,5 – 6 x 12	2504113
	Tubing connector 1,6 x 5,5 - 9 x 12	2504114

Dosing units and accessories

5

Article	Description	Art. no.

Dosing unit
Consisting of DIGI V dosing pump
(capacity 35-1000 ml/uur), 60 liter dosing tank. All parameters can be
entered by the simple menu structure. Also equipped with a clear red LED
display.
This system is also suitable for chlorination of pool or whirlpool.

Set includes: 2522010.16
- PP wall bracket excl. Saddle ½"
- Marprene tubing 1,6mm with
  hose connection 6 x 12 mm (other tubing
  diameters on demand)
- Suction lance with sieve with hose
  connections 6x 12 mm
- Teflon injection valve with hose connections
  6x 12 mm

Saddle not included

Set includes: 2522010.24
- PP wall bracket excl. Saddle ½"
- Marprene tubing 2,4mm with
  hose connection 6 x 12 mm (other tubing
  diameters on demand)
- Suction lance with sieve with hose
  connections 6x 12 mm
- Teflon injection valve with hose connections
  6x 12 mm

Saddle not included

Safety bund square 94 liter   9903094
Dimensions :LxBxH 460x460x480mm
For dosing tank 60 L

PP Bracket for dosing unit   4002001

Nuscofloc   3914020
Per box of 10kg (4x2,5kg bags)
Flocculant powder
To dissolve in water.

Article	Description	Art.no.

Dosing unit set with electric mixer and DIGI peristaltic pump

* Dosing tank with electric mixer
* DIGI Peristaltic pump
* Connection set consisting of marprene tubing
2.4 mm with connection 6x12mm
(other diameter on demand)
Teflon injection valve, hose connection 6x12mm
pre-assembled suction lance with sieve
* PP bracket for dosing pump

Dosing unit 110L with electric mixer   2521117
 * DIGI V Peristaltic pump
 * Electric mixer MIXN8NMON - 200 tpm 230V
* Dim.: Ø 495mm x H 735mm

Dosing unit 110L with electric mixer   2521114
 * DIGI 40 Peristaltic pump
 * Electric mixer MIXN8NMON - 200 tpm 230V
* Dim.: Ø 495mm x H 735mm

Dosing unit 200 L with electric mixer   2521207
 * DIGI V Peristaltic pump
 * Electric mixer MIXN4NMON - 200 tpm 230V
* Dim.: Ø 610mm x H 850mm

Dosing unit 200 L with electric mixer   2521204
 * DIGI 40 Peristaltic pump
 * Electric mixer MIXV4NMON - 200 tpm 230V
* Dim.: Ø 610mm x H 850mm

Dosing unit 500 L with electric mixer   2521507
 * DIGI V Peristaltic pump
 * Electric mixer MIXN4NMON - 400 tpm 230V
* Dim.: Ø 780mm x H 1200mm

Dosing unit 500 L with electric mixer   2521504
 * DIGI 40 Peristaltic pump
 * Electric mixer MIXN4NMON - 400 tpm 230V
* Dim.: Ø 780mm x H 1200mm

For safety bunds see page 44

Article	Description	Art.no.
	Dosing unit 110L with electric mixer * Dosing unit 110ltr with Electric mixer MIXV8NMON - 200 tpm 230V Dim.: Ø 495mm x H 735mm	2521110
	Dosing unit 200L with electric mixer * Dosing unit 200ltr with Electric mixer MIX4NMON - 200 tpm 230V Dim.: Ø 610mm x H 850mm	2521200
	Dosing unit 500L with electric mixer * Dosing unit 500ltr with Electric mixer MIX4NMON - 400 tpm 230V Dim.: Ø 780mm x H 1200mm	2521500
	Safety bund round for 110L Dim.: Ø 545 mm x H 615 mm For dosing unit 110 liter Volume: 120 L	4116048
	Safety bund round for 200L Afm.: Ø 695 mmx H 875 mm For dosing unit 200 liter Volume: 300 L	4116049
	Safety bund round for 500L Dim.: Ø 840 mm x H 1095 mm For dosing unit 500 liter Volume: 600 L	4116050
	Electric mixer Electric mixer MIX4NMON 230V/ 200 rpm. for **110 liter dosing unit**	3805664
	Electric mixer Electric mixer MIX4NMON - 200 rpm 230V for **200 liter dosing unit**	3805665
	Electric mixer Electric mixer MIX4NMON - 400 rpm 230V for **500 liter dosing unit**	3805666

Electric agitator 1400 rpm available on request

Article	Description	Art.no.
	DOSING CONTAINER PE dosing container with size indication and screw lid.	

	Dosing container 60 liter H = 600mm x Ø = 400mm	3804030
	Dosing container 120 liter H= 780mm x Ø = 465mm	4304020
	Dosing container 200 liter H= 930 mm x Ø = 555 mm	4304313
	Dosing container 300 liter H= 1050 mm x Ø = 660 mm	9900300
	Dosing container 500 liter H= 1170 mm x Ø = 780 mm	9900500

For safety bunds see page 44

	Hand mixer Hand mixer L = 450mm for dosing unit for mixing bicarbonate etc.	3808130
	Hand mixer Hand mixer L = 650mm for dosing unit for mixing bicarbonate etc.	3808131
	Hand mixer Hand mixer L = 770mm for dosing unit for mixing bicarbonate etc.	3808132

Article	Description	Art. no.

SAFETY BUND

Article	Description	Art. no.
	Safety bund square 94 liter Afm.: L x B x H 460x460x480mm For dosing container 60 liter	9903094
	Safety bund round 150 liter Dimensions.: dia Ø 530mm x H 750mm For dosing container 120 liter	7103182
	Safety bund round 300 liter Dimensions: dia Ø 700 mm x H 870 mm For dosing container 200 liter	4116040
	Safety bund rond 400 liter Dimensions.: dia Ø 780 mm x H 900 mm For dosing container 300 liter	9900400
	Safety bund rond 600 liter Dimensions : dia Ø 900 mm x H 1250 mm For dosing container 500 liter	9900550
	Safety bound for 14 cans chlorine /acid Dimensions : 660x1320x150mm, content 80 liters, maximum 1136 kg	8915080
	Safety bound for 1 can chlorine /acid Dimensions: 400x300x325mm Content 39 L	9903025
	Safety bound for 2 cans chlorine/acid Dimensions : 600x 400x 350 mm Content 90 L	9903026

Flow Control flowmeters and accessories

6

Article	Description	Art. no.
	Flow Control 2000 Specifications: • Adjustable switching with double –pole relay 230V/2A; • Adjustable pipe diameters; • Sensor fits on all pipes, only saddle is size dependent. • Measuring range 0,3-5m/s (Burkert 8020); • Power supply 230Vac/7,5VA • Accuracy max. 2,5% Delivered with manuel, 5m cable and 8020 flowsensor met paddle wheel , exclusive saddle + stütze.	2502000
	Flow Control 2000 Electronic box without sensor	2502100
	Flowmeter 5l/h – 50000 l/h * Only readout, no flow circuit * Version with glue connection * Diameter 16-75mm **Prices on demand**	

Article	Description	Art. no.
	Flowsensor SN10350 • Measure flow according caloric principle; • No moving parts; • Assembly in 1/2" saddle; • Supply 24V/100mA DC; • Measuring range 0-3m/s, 4-20mA output signal; • Readable with SEM Flow Control 2000 and SEM SPI 170	3897500
	Plug M12 For Flowsensor SN10350 Connection of cable by screw connection	3804510
	Cable with plug M12 Connection of cable (10meter) by screw connection. For sensor SN10350	3879500
	Adapter ring 1 1/4"M-1/2"F PVC for flowsensor SN10350 Also available 1 ½" M – ½" F.	2516125
	Flow Control sensor 8020 Sensor with paddle wheel. Assemby with saddle + stütze.	3119010
	Plug Flow sensor 8020	2501003
	Flow Control sensor 8041 Magnetic inductive sensor, assembly with saddle + stütze. Sensor without display and without moving parts.	3119040

Article	Description	Art. no.
	Saddle + stütze For the assembly of the sensor in a pipe. Other diameters on demand	
	Saddle + stütze 50mm	2522050
	Saddle + stütze 63mm	2522063
	Saddle + stütze 75mm	2522075
	Saddle + stütze 90mm	2522090
	Saddle + stütze 110mm	2522110
	Saddle + stütze 125mm	2522125
	Saddle + stütze 140mm	2522140
	Saddle + stütze 160mm	2522160
	Saddle + stütze 200mm	2522200
	Saddle + stütze 225mm	2522225
	Saddle + stütze 250mm	2522250
	Plug To cover the stütze when the sensor is removed	2515618
	Clamping ring	3128022
	Coupling nut	3128021
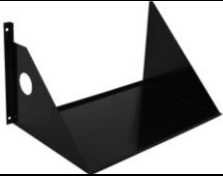
Break tank , Spare parts and accessoiries

7

Article	Description	Art. no.
	SEM Compact Break tank with pump , inclusive level control (according to EN1717 en EN13077) The break tank is specially designed to make the legal separation between drinking water and swimming pool water/ process water -capacity 0.7 m3/hour (mechanical float) -capacity 1.5 m3/hour (solenoid valve, option) -content reservoir (HMPE) 10 liter, dimensions 550x340x445mm - Pump 5- 45 l/min 0.40 kW , 11.5 - 28.5 m.w.k. -with **Universal level control** -LED display with menu structure -Float with 10 m cable for level -with **filling time protection (adjustable maximum filling time).**	2502925

Article	Description	Art. no.
	Mounting bracket (powdercoated) for Compact break tank	2502935
	Float switch SEM (switch) with 10m cable	6022011
	Pump M5 for compact break tank 230V / 2 x 1" F connection. Stainless steel front house.	5305010
	Mechanical float for compact break tank 3/8" M connection (600 l/h)	7212100
	Pressure sensor for compact break tank	2502933

Article	Description	Art. no.
	Option compact break tank: large filling capacity (1,5m3 /h) Solenoid valve is mounted between the water pipe and the tank, on the break tank (with double nipple 1/2". Mechanical float is replaced by the elbow (20 mm with 20 mm x 1/2" M). Connection watersupply 1/2"	2502807
	Option compact break tank: anti siphon protection The solenoid valve is mounted between the pressure valve of the break tank and the supply point on the pipework of the filter installation. (with the supplied PVC materials (25mm) The solenoid valve is electrically connected in the control box. APPLICABLE IF BREAK TANK IS PLACED ABOVE THE WATER LEVEL OF THE POOL!!!!!!	2502808
	Plug for solenoid valve	3119376

SPI Handheld meter,accessories and reagents

Article	Description	Art. no.
	SEM SPI Handheld meter Hand meter (D141) for the measurement of **FREE AVAILABLE CHLORINE , TOTAL CHLORINE, pH AND HYDROGEN PEROXIDE** Including carrying case, cuvettes and reagent liquid.	3530000

Note :
Yearly maintenance calibration handmeter from. € 52,50

Article	Description	Art.no.
	Start for Handheld meter Per drop bottle of 50ml About 300 measurements	3599050
	Start for Handheld meter Per bottle of 1 liter	3504005
	DPD for Handheld meter Per drop bottle of 50ml About 300 measurements	3599082
	DPD for Handheld meter Per bottle of 1 liter	3504002
	Totaal 2 for Handheld meter Per drop bottle of 50ml About 300 measurements	3599051
	Totaal 2 for Handheld meter Per bottle of 1 liter	3504004
	Phenol red for Handheld meter * Per bottle of 500ml – refill	3504006
	Phenol red for Handheld meter * Per bottle of 100ml with pipette About 200 measurements	3599183
	Peroxide color for Handheld meter Per drop bottle of 50ml About 300 measurements	3530306
	Peroxide color for Handheld meter Per bottle of 1 liter	3530308
	Cuvette red * For SPI Handheld meter D141	3530211
	Cuvette blue * For SPI Handheld meter D141	3530210
	Cuvette green * For SPI Handheld meter D141	3530212

*Price changes reserved in connection with daily prices

Article	Description	Art. no.
	Case for handmeter Case including foam insert	3530200
	Measuring cup 30ml, for SPI D141	9920543
	Shell for SPI D141	3530033
	Cuvette holder for SPI D141, for 10 cuvette	3530215
	Sampling bottle, aluminum, 300ml	3613300
	Brush for cleaning cuvette SPI D141 Set of 4 brushes	3599310

pH Handheld meter and accessoiries

9

Article	Description	Art. no.
	pH Handheld meter set incl. pH sensor, temperature sensor, cable and buffer solution 4 and 7	7916081
	pH Handheld meter pH meter without accessories	9901500
	Temperature sensor for handheld meter	9901501
	pH electrode For SEM Control, SPI and handheld meters	8916001
	pH cable For SEM Control, SPI and handheld meters	3816040
	SEM Buffer 250ml, pH 4	9601007
	SEM Buffer 250ml, pH 7	9601008
	SEM Buffer 250ml, pH 9	9601009
	SEM Buffer 50ml pH 4	9601003
	SEM Buffer 50ml pH 7	9601001
	Temperature hand meter Temperature meter without accessories for measuring the temperature.	9901700
	Temperature sensor for hand meter	9901701
	Case for hand meter pH/temperature	9901702

Safety materials

10

Article	Description	Art. no.
	Security package Apron, glasses, gloves	3663116
	Eyewash bottle 630 ml	3615000
	Support for Eyewash bottle	3623015
	Neoprene glove Gloves to work with chemicals	3608016
	Safety glasses Glasses to work with chemicals	3622020
	PVC Apron black Dimensions. 100x80cm To work with chemicals	3619050
	SEM Electric barrel pump DIGI 40 * Transfer pump for chemicals * With DIGI 40 peristaltic pump with control cable and 4,8 mm tubing: capacity 6,6 l/h (at 100%) * Start button to start cycle included * Suction lance with level sensor included * Not included : Support,container and jerry can **SEM Electric barrel pump DIGI 100**	2515100 2515101

Chemicals

11

Article	Description	Art. no.

Liquid chlorine (15%)
Per can of 25 kg, deposit incl.,
Price per kg

8999990

Sulphuric acid (37%)
Per can of 25 kg,deposit incl.,
Price per kg

8999991

Sulphuric acid (15%)
Per can of 25 kg, deposit incl.
Price per kg

899993

Nuscofloc- flocculant
Per box of 10kg (4x2,5kg sacs).
Flocculant powder.
To be solved in tap water.

3914020

Chlorine 70 granules 5kg
Per bucket of 5kg

1260705

Price changes reserved for chemicals.
NOTE: Liquid chemicals special transport rate. Price on request

PAY ATTENTION:
as of 1/2/2021 it is no longer allowed to supply sulfuric acid and hydrogen peroxide to private individuals in HIGHER concentration than 15%.

Article	Description	Art. no.
	Bicarbonate Bucket of 5 kg	2503006
	Bicarbonate Per sac of 25 kg, price per kg	3902010
	Sodium thiosulphate Bucket of 5 kg	3914041
	Sodium thiosulphate Per sac of 25 kg, price per kg	3914031
	Sodium bisulphate Bucket of 7 kg	1263006
	SEM pH Plus To increase the pH. (Powder)	1263102
	Polyphosphate crystals Bucket of 1kg	5912010
	Sodium hydroxide To increase the pH. (Liquid) Per can of 2,5 liter	8901821
	Sodium hydroxide Per can of 27 kg, deposit incl., price per kg	8901824
	Peroxide (35 %) H2O2 To eliminate chlorine in the water Per can of 2,5 liter	8921003
	Peroxide (35 %) H2O2 Per can of 23 kg, deposit incl., price per kg	8921001

Price changes reserved for chemicals.
NOTE: Liquid chemicals special transport rate. Price on request

Filter media

12

Article	Description	Art. no.
	We use daily prices for filter media!!! **Price changes possible !!!**	
	Filter sand 0,4 – 0.8mm Price per sac of 25 kg	0585004
	Filter gravel 2,0 – 4,0mm Price per sac of 25 kg	0585008
	Filter gravel 3,15 – 5,6mm Price per sac of 25 kg	0585011
	Hydro-antraciet N Grain size 0,8 – 1,6mm Price per sac of 25 liter	0586051
	Active carbon Sacs of 50 Liter (25 kg). Price per sac	3913015
	Compressor valve Connection with quick coupling 6mm, Process size ½" Valve for connection compressor to backwash filter with air	9903500

Pallet prices on request

Unload filter mediun on location on request

Delivery with cage monkey / forklift truck on request

RVS Parts

13

Article	Description	Art. no.
	SEM Inlet/ suction fitting (Nozzle) - 1,5" external thread - Stainless steel grid - European standard.	2500014
	SEM Stainless steel suction grid - Fits on a Hayward bottem grid - 6 m³/h - Diameter 200 mm - NEN-EN 13451-1:2001	2501180

Service rates

Description	Price
Service rates 2024	
Working hours	€ 77,50
Travel cost	€ 56,00
Kilometer cost per kilometer	€ 0,75
Working hours maintenance contract	€ 72,50
Travel cost maintenance contract	€ 72,50