

# Catalog 2023



The specialist for **safe** swimming

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## CATALOG 2023

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## SPI Measurement and control photometric

# 1






## CHLORINE

Article	Description	Art. no.
	<b><u>SEM SPI C-170 MEASUREMENT OF CHLORINE</u></b> 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. Specifications : <ul style="list-style-type: none"> <li>• Photometrique principle</li> <li>• <b>MEASUREMENT OF CHLORINE (mg/l)</b></li> <li>• pH measurement</li> <li>• Flow measurement</li> <li>• Power supply : 230V</li> <li>• Internal power : 12VDC</li> <li>• PC communication /analogue module optional</li> <li>• With hose connection 6x12</li> </ul> Delivered with pH electrode, buffer fluid 4 and 7, SPI reagents 1 liter A+B and manuel. <b>Flow sensor, communication and analogue modules not included.</b> <b>These need to be ordered separately.</b>	3540170

**For replacement parts of the SPI pag. 8 to 13**

	<b><u>Flow sensor 8020</u></b> Sensor with paddle wheel . Assembled with saddle with stütze.	3119010
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**For assembly from saddle with stütze Chapter 6 pag. 47**

**NOTE**



<b>Annual replacement parts SPI 170:</b>	<b>see Chapter 3 and 4</b>
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

**For reagents from the SPI-170 pag.10**





## PEROXIDE

Article	Description	Art. no.
	<p><b><u>SEM SPI P-170 MEASUREMENT OF PEROXIDE</u></b></p> <p>The SPI P 170 controls pH and peroxide values. The control is suitable for private pools, drinking water treatment and process water. Can be used with peristaltic and membrane pumps.</p> <p>Specifications:</p> <ul style="list-style-type: none"><li>• Photometric principle</li><li>• <b>MEASUREMENT OF PEROXIDE (mg/l)</b></li><li>• pH measurement</li><li>• Flow measurement</li><li>• Power supply : 230V</li><li>• Internal power: 12VDC</li><li>• PC communication /analogue module optional</li><li>• With hose connection 6x12</li></ul> <p>Delivered with pH electrode, buffer fluid 4 and 7, peroxide color 1L and manual.</p> <p><b>Flow sensor, communication and analogue modules not included.</b></p> <p><b>These need to be ordered separately.</b></p>	3540172
<b>For replacement parts of the SPI pag. 8 to 13</b>		
	<p><b><u>Flow sensor 8020</u></b></p> <p>Sensor with paddle wheel . Assembled with saddle with stütze.</p>	3119010
<b>For assembly from saddle with stütze Chapter 6 pag. 47</b>		
<b>NOTE</b>	<p><b>Annual replacement parts SPI 170:</b></p> <p>1x SPI-170 Silicone tubing set</p> <p>1x SPI-170 O-rings set measuring block</p> <p>1x SPI-170 Measure water filter conical</p> <p>1x SPI-170 Blue valve for measuring water</p> <p>1x SPI-170 Check Valve</p> <p>1x SPI-170 Hose clamp</p> <p>1x pH electrode</p> <p>1x SEM Buffer 4,0 (50 or 250ml)</p> <p>1x SEM Buffer 7,0 (50 or 250ml)</p>	<p><b>see Chapter 3 and 4</b></p> <p>art.no.3599239</p> <p>art.no.3599209</p> <p>art.no.3599032</p> <p>art.no.3599019</p> <p>art.no.3599210</p> <p>art.no.3599026</p> <p>art.no.8916001</p> <p>art.no.9601003 or 9601007</p> <p>art.no.9601001 or 9601008</p>
	<b>For reagents from the SPI-170 pag. 10</b>	





## COMPACT

Article	Description	Art. no.
	<p><b><u>SEM COMPACT DOSING SYSTEM,</u></b> <b><u>pH en CHLORINE</u></b> <b><u>control wall mounting</u></b></p> <ul style="list-style-type: none"><li>• Compact and complete dosing system for swimming pool chemicals</li><li>• Fast assembly</li><li>• Elektrically completely wired</li><li>• Dosing pumps switching via a flow meter</li><li>• <b>SEM SPI-170 Photometric</b></li><li>• Dosing pumps: 2x SEM B&amp;S DIGI 7 ( 35 ml/hour-1,0 l/hour)</li><li>• Hose size measuring water supply: 6x12mm</li><li>• Hose size chlorine and acid supply: 6x12mm</li><li>• Power supply : 230V</li><li>• Power: 100VA</li><li>• Dimensions (h x w): 120x70cm</li></ul> <p>For technical specifications see SEM SPI 170 and B&amp;S DIGI 07 Peristaltic pump.</p> <p><b>Flow sensor, communication and analogue modules not included.</b></p> <p><b>These need to be ordered separately.</b></p> <p><b><u>SEM Compact Dosing system,</u></b> <b><u>complete with pH en PEROXIDE</u></b> <b><u>control wall mounting</u></b></p>	2503105
	<p><b>ATTENTION:</b> <b>EXTRA CHARGE 2x B&amp;S DIGI 40</b> <b>(180ml/hour – 7,0 l/hour)</b></p>	2503115
	<p><b><u>CONNECTION SET SEM COMPACT</u></b> <b><u>Dosing system</u></b></p> <p><b>Only available with SEM compact dosing system!</b></p> <p>Content connection set :</p> <ul style="list-style-type: none"><li>• 4x Saddle up to max. 110mm (larger sizes at extra charge)</li><li>• 2x measuring water tap complete 1/2" x M20</li><li>• 2x Teflon injection valve</li><li>• 2x suction lance with sieve</li><li>• 4x Hose connection 6x12mm</li><li>• 50 meter Reinforced PVC hose 6x12mm</li></ul>	2503106
		(on demand)
		(art.no. 2513020)
		(art.no. 3750002)
		(art.no. 3760000)
		(art.no. 3750612)
		(art.no. 4307010)











Article	Description	Art. no.
	<b>Reagent reservoir for one system:</b>	
	<b><u>SPI 170 reagent reservoir</u></b> Reagent reservoir <ul style="list-style-type: none"><li>- Removable cover</li><li>- Easy to clean</li></ul>	3599245
	<b><u>SPI 170 reagent reservoir with accessories</u></b> Set consists of: <ul style="list-style-type: none"><li>- reservoir</li><li>- reagent bottle 250ml</li><li>- Drop transfer</li><li>- hose connection 4mm</li></ul> For complete assembly	3599249
	<b>Central reagent reservoir 1L for different SPI systems consists of:</b> <ul style="list-style-type: none"><li>• Mount in plastic IP65 housing (dim. 400x300x165mm HxWxD)</li><li>• Mounting plate powder coated</li><li>• Cabinet is airtight and equipped with a ventilation grid</li><li>• Incl. replacement set consisting of silicone hose, tyraps, pegs, tee and knee piece 4mm</li><li>• Silicone cap for liter bottle</li><li>• Use liter bottle containing reagent!</li></ul>	3530320
	<b><u>SPI 170 Drop transfer 1000ml</u></b> For central reagent reservoir 1L	3599368









Article	Description	Art. no.
	<b><u>SPI-170 Pump recovery measuring water</u></b> Pump for the recovery of measuring water back into the filter system. Capacity 60 liter. Including float and check valve Pump 230V/ 50Hz / 0,37kW	3540166
	<b><u>SPI-170 sample water sensor</u></b> Flow detection ,if there is no flow of the measurement water, the SPI stops measuring and dosing Connecting materials included.	3599520
	<b><u>SPI-170 DPD Level Protection</u></b> Level Protection for the Reagent Reservoir . This sensor can be connected to the circulation contact. If there is no reagent, the SPI stops measuring and dosing Including mounting parts for mounting in the reagent holder	3599519
	<b><u>SPI 170 Reagent bottle 250ml</u></b> Upper bottle	3606525
	<b><u>SPI 170 Drop transfer</u></b> For bottle 100/250 ml	3599268
	<b><u>SPI 170 Drop transfer 1000 ml</u></b> For central reagent reservoir 1L	3599368






Article	Description	Art. no.
<b><u>FOR 1 SPI SYSTEM:</u></b>		
	<b><u>SPI C-170 reagent A+B</u></b> Reagent for SPI 170 system 1 liter + powder. (no add of demineralised water!!!)  <b>For chlorine measurement</b>	3504010
<b><u>FOR DIFFERENT SPI SYSTEMS:</u></b>		
	<b><u>SPI 170 reagent A+B</u></b> Reagent for SPI 170 system 1 liter + powder + 4 L demineralised water  (in total 5 liter reagent) <b>For chlorine measurement</b>	3504001
	<b><u>SPI 170 Demineralised water 4 liter</u></b> In 5L can	3914033
	<b><u>SPI 170 Peroxidecolor</u></b> Reagent for SPI 170 system peroxide 1 bottle of 1 liter.  <b>For peroxide measurement</b>	3530316





Article	Description	Art. no.
	<b><u>SPI 170 Cleaning brush set</u></b> Brush for cleaning measurement cell. Set of 3 brushes	3599211
	<b><u>SPI 170 Cleaning brush set</u></b> Brush for cleaning measurement cell. Set of 4 brushes	3599310
	<b><u>SPI-170 Silicone hose set</u></b> For 1 SPI-170	3599239
	<b><u>SPI-170 Silicone tubing 4x7mm</u></b> For water or reagent (supply) per meter	3599013
	<b><u>SPI-170 Silicone tubing 8x12mm</u></b> For water drain, per meter	3599014
	<b><u>SPI-170 replacement kit (photometric)</u></b> Suitcase with replacement parts for service on SPI-170 photometric <ul style="list-style-type: none"> <li>• Solenoid valve inlet</li> <li>• Solenoid valve outlet</li> <li>• Solenoid valve connection (2x)</li> <li>• Hose connection 4mm (2x)</li> <li>• Measuring filter conical</li> <li>• Blue faucet</li> <li>• Hose clamp</li> <li>• Cleaning brush set</li> <li>• Silicone hose set</li> <li>• Seal set for measurement cell</li> <li>• End plug measurement cell</li> <li>• Check valve</li> <li>• Sieve 16 mm</li> <li>• Fill pipe</li> <li>• Silicone grease</li> </ul>	3599299





Article	Description	Art. no.
	<b><u>SPI-170 Solenoid valve inlet + outlet 12VDC</u></b> Valve for measuring water, drain and reagent	3599127
	<b><u>SPI-170 Valve connection</u></b> Excl. Seal (see art.no. 3599209)	3599208
	<b><u>SPI-170 Fill pipe</u></b> Excl. Seal (see art.no. 3599209)	3599207
	<b><u>SPI-170 Overflow tube</u></b> Excl. Seal (see art.no. 3599209)	3599206
	<b><u>SPI-170 Buffer jar + cover</u></b> Excl. Seal (see art.no. 3599209)	3599204
	<b><u>SPI-170 Seal set for measurement cell</u></b> Seal for buffer jar, fill pipe, overflow tube and solenoid valve connection (3x)	3599209
	<b><u>Silicone grease</u></b> Tube Griffon 15gram	8119005
	<b><u>SPI-170 Measuring filter conical</u></b> Filter in buffer jar.	3599032
	<b><u>SPI-170 Knee for hose 6 mm</u></b> Supply measurement water in buffer jar	3599016
	<b><u>SPI-170 Blue faucet</u></b> Valve for water sample.	3599019
	<b><u>SPI-170 check valve</u></b> In supply measuring water.	3599210





Article	Description	Art. no.
	<b><u>SPI 170 Luer connection blue faucet and check valve</u></b>	3599262
	<b><u>SPI 170 Hose connection Luer 4mm</u></b> Connection between check valve/ blue faucet and silicone tubing	3599266
	<b><u>SPI170 Hose connection 4mm x 1/8"-27 NPT</u></b> Connector between buffer jar and connection silicone tubing on solenoid valves	3599260
	<b><u>SPI-170 End plug measuring cell 1/8"</u></b>	3599261
	<b><u>SPI-170 Hose clamp</u></b> Controlling flow.	3599026
	<b><u>SPI-170 Hose connection return buffer jar 1/8"x 8mm</u></b> Connection between measuring cel and the water return hose. (return overflow)	3599024
	<b><u>SPI-170 Cap nut M4</u></b> For fixing measuring block	3599004
	<b><u>SPI-170 Supply 12VDC</u></b>	3599292
	<b><u>SPI-170 supply connection Europe</u></b>	3599294
	<b><u>SPI-170 supply connection UK</u></b>	3599295
	<b><u>SPI-170 supply connection USA</u></b>	3599296







## **SPI measurement and control amperometric**

# 2






## CHLORINE

Article	Description	Art. no.
	<b><u>SEM SPI C-170 AMP</u></b> 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 Specifications: <ul style="list-style-type: none"> <li>• AMPEROMETRIC PRINCIPLE</li> <li>• <b>MEASUREMENT OF CHLORINE (mg/l)</b></li> <li>• pH measurement</li> <li>• Flow measurement</li> <li>• Power supply : 230V</li> <li>• Internal power : 12VDC</li> <li>• PC communication/analogue module optional</li> <li>• With hose connection 6x12</li> </ul> Delivered with pH electrode, buffer fluid 4 and 7, and manuel. <b>Flow sensor, communication and analogue modules not included.</b> <b>These need to be ordered separately.</b>	3540173
	<b>For replacement parts of the SPI pag. 17 and 18</b>	
	<b><u>Flow sensor 8020</u></b> Sensor with paddle wheel . Assembled with saddle with stütze.	3119010
<b>For assembly from saddle with stütze Chapter 6 pag. 47</b>		
<b>NOTE</b>	<b>Annual replacement parts SPI 170:</b> 1x FIP Sieve 160mm 1x Copper electrode 1x pH electrode 1x SEM Buffer 4,0 (50 or 250ml) 1x SEM Buffer 7,0 (50 or 250ml)	<b>see Chapter 4</b> art.no.3808010 art.no.3811010 art.no.8916001 art.no.9601003 or 9601007 art.no.9601001 or 9601008
	<b>A complete SPI 170 dosing installation consists of:</b> <ul style="list-style-type: none"> <li>• SPI C-170 (see Chapter 1)</li> <li>• 2x suction lance with sieve (art.no. 3760000)</li> <li>• 2x measuring water tap (art.no. 2513020)</li> <li>• 2x teflon injection valve (art.no. 3750002)</li> <li>• 3x saddles (on demand)</li> <li>• 2x B&amp;S DIGI peristaltic pumps (see chapter 5)</li> <li>• 2x Tubing with connections (see chapter 6)</li> <li>• 4x hose connections 6x12 (art.no. 3750612)</li> <li>• 2x Control cable with 1 plug (art.no. 2501010)</li> <li>• 2x Mounting bracket (art.no. 2816030)</li> <li>• 2x dosing tank (see chapter 6)</li> <li>• 2x Safety tank (see chapter 6)</li> <li>• Reinforced PVC hose 6x12 (art.no. 4307010)</li> </ul>	





## COMPACT

Article	Description	Art. no.
	<b><u>SEM Compact Dosing system, complete pH en chlorine wall mounted (AMPEROMETRIC)</u></b> <ul style="list-style-type: none"> <li>• Compact and complete dosing system for swimming pool chemicals</li> <li>• Fast assembly</li> <li>• Elektrically completely wired</li> <li>• Dosing pumps switching via a flow meter</li> <li>• <b>SEM SPI-170 Amperometric</b></li> <li>• Dosing pumps: 2x SEM B&amp;S DIGI 7 ( 40 ml/hour-1,0 l/hour)</li> <li>• Hose size measuring water supply: 6x12mm</li> <li>• Hose size chlorine and acid supply: 6x12mm</li> <li>• Power supply : 230V</li> <li>• Power: 100VA</li> <li>• Dimensions (h x w): 120x70cm</li> </ul> <p>For technical specifications see SEM SPI 170 AMP and B&amp;S DIGI 07 Peristaltic pump. Flow sensor, communication and analogue modules not included. These need to be ordered separately.</p>	2503104
	<b><u>ATTENTION:</u></b> <b>EXTRA CHARGE 2x B&amp;S DIGI 40 (180ml/hour – 6,6 l/hour)</b>	



### **CONNECTION SET SEM COMPACT Dosing system** **Only available with SEM compact dosing system!!**

2503106

Content connection set :

- |  |                   |
|--|-------------------|
| • 4x Saddle up to max. 110mm<br>(larger sizes at extra charge) | (on demand)       |
| • 2x measuring water tap complete 1/2" 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) |







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





Article	Description	Art. no.
	<b><u>PVC End plug PG 9</u></b> For SPI and SEM Control amperometric	3701009
	<b><u>Seal for PVC End plug PG 9</u></b>	2615020
	<b><u>PVC End plug PG 13,5</u></b> For SPI and SEM Control amperometric	3701135
	<b><u>Seal for PVC End plug PG 13,5</u></b>	8015002
	<b><u>Flowmeter 5-60l/hour with magnetic drive</u></b> For SPI and SEM Control.	9801001
	<b><u>Flow float with magnet</u></b>	3808004
	<b><u>Flow contact from flow meter</u></b> For SPI and SEM Control.	3806002
	<b><u>SPI-170 Replacement kit (amperometric)</u></b>  Suitcase with replacement parts for service on SPI-170 amperometric <ul style="list-style-type: none"> <li>• Flowcontact</li> <li>• Tap valve VDL</li> <li>• Seals chlorine measuring cell (4x)</li> <li>• Sieve 16 mm</li> <li>• End plug PVC flow block (3x)</li> <li>• Glass beads measuring cell</li> <li>• Pin plugs 4mm (2x)</li> <li>• Bus plugs 4mm (2x)</li> <li>• Silicone grease</li> </ul>	3599298
<b><u>SERVICE SPI</u></b> We recommend to replace annually the following parts of the SPI and SEM Control. <ul style="list-style-type: none"> <li>• pH electrode</li> <li>• Copper electrode</li> <li>• Buffer</li> <li>• Sieve</li> </ul>		












## **Accessories for SPI measurement photometric and amperometric**

# 3












Article	Description	Art. no.
	<p><b><u>SEM SPI 170 Modbus module</u></b></p> <p>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.</p> <p><b>Software included to download from <a href="http://www.semwaterbehandeling.nl">www.semwaterbehandeling.nl</a></b></p>	3599326
<p><b><u>SPI-Remote</u></b></p> <p>The SPI can be taken over on distance via remote.</p>	<p><b><u>SPI-Graph</u></b></p> <p>Graphically measurements, makes the SPI control visible.</p>	
	<p><b><u>SEM SPI 170 analoge module</u></b></p> <p>The analog module can be used to expand the SPI 170 with 4 analog outputs:</p> <ul style="list-style-type: none"><li>- Current Chlorine / Peroxide</li><li>- Current pH value</li><li>- Pump action Chlorine / Peroxide</li><li>- Pump action acid</li></ul> <p>These analog outputs are adjustable from: 0-10V / 2-10V / 0-20mA / 4-20mA</p>	3599227
	<p><b><u>SPI-170 Data network cable</u></b></p> <p>3 meter cable with UTP plugs</p>	6713104

**More information see [www.semwaterbehandeling.nl](http://www.semwaterbehandeling.nl)**











Article	Description	Art. no.
	<b><u>SPI- 170 Controller PHOTO</u></b> Control unit for the SPI 170. For the measurement of <b>chlorine, pH , flow.</b>	3540174
	<b><u>SPI- 170 Controller PHOTO</u></b> Control unit for the SPI 170. For the measurement of <b>peroxide, pH , flow.</b>	3540175
	<b><u>SPI- 170 Controller AMP</u></b> Control unit for the SPI 170. For the measurement of <b>chlorine AMP, pH , flow.</b>	3540182
	<b><u>SPI-170 Supply 12VDC</u></b> Supply 12 VDC	3599292
	<b><u>SPI-170 supply connection Europe</u></b> Supply connection .	3599294
	<b><u>SPI-170 Relay box</u></b> Box for control dosing pumps 230V.	2518110
	<b><u>SPI-170 Supply</u></b> Supply for connection of flow sensor to the SPI-170 with supply 24VDC ( sensor 8041 / SN10350)	2523001
	<b><u>Measuring pump set</u></b> For providing water to SPI Equipped with bypass valve Pump 230V / 0,25kW.	2513031
	<b><u>Measuring water valve</u></b> For providing water to the SEM Control or SPI. To be mounted in a 1/2" saddle. Valve with 1/2" and 6x 12 hose connection.	2513020















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









Article	Description	Art. no.
	<b>pH electrode</b> For SPI, SEM Control en handheld meters	8916001
	<b>Redox electrode</b> Meaurument of redox	7925001
	<b>pH / Redox cable ( with BNC)</b> For SPI, SEM Control en handheld meters	3816040
	<b>pH / Redox cable (without plug)</b> For SPI 170 (> 08 /2018)	3816440
	<b>Buffer pH 4</b> 30x20ml bag	9602069
	<b>Buffer pH 4</b> Per bag of 20ml	9602068
	<b>Buffer pH 7</b> 30x20ml bag	9602047
	<b>Buffer pH 7</b> Per bag of 20ml	9602046
	<b>SEM Buffer 50ml pH 4</b>	9601003
	<b>SEM Buffer 50ml pH 7</b>	9601001
	<b>SEM Buffer 50ml pH 9</b>	9601002
	<b>SEM Buffer 250ml pH 4</b>	9601007
	<b>SEM Buffer 250ml pH 7</b>	9601008
	<b>SEM Buffer 250ml pH 9</b>	9601009
	<b>Redox Buffer 468 mV</b> 30 ml	7925020
	<b>pH electrode cleaning solution</b> 250ml	7916010
	<b>pH Storage liquid</b> Storage liquid (KCL), 250ml	7916020





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







## Peristaltique pumps and accessoires

4







Article	Description	Art. no.
<b>MANUEL DOSAGE</b>		
	<p><b><u>B&amp;S DIGI V</u></b> Peristaltic pump for flocculant !! Due to the simple menu structure, all the parameters can be entered. Also equipped with a clear red LED display, <b>NOT CONTROLLED REMOTELY</b> Can be used for chlorination, dosing of soda. <b>Delivered without marprene tubing.</b></p> <p>Capacity of pump using marprene tubing:</p> <p>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</p>	2502041
	<p><b><u>Connection kit B&amp;S DIGI V</u></b> <b>Only available with purchase of a B&amp;S DIGI V !!</b></p> <p>Content connection kit:</p> <ul style="list-style-type: none"><li>• 1x Marprene tubing with connection 6x12mm (Specify tubing diameter)</li><li>• 1x Teflon injection valve</li><li>• 1x Suction lance with sieve</li><li>• 2x Hose connection 6x12mm</li></ul>	2522026





Article	Description	Art. no.
<b>CONTROLLED REMOTELY AND MANUAL DOSAGE</b>		
	<b><u>B&amp;S DIGI Peristaltic pump</u></b> Due to the simple menu structure, all the parameters can be entered. Also equipped with a clear red LED display .	
	<b><u>B&amp;S DIGI 7 Peristaltic pump</u></b> <b>CONTROLLED REMOTELY</b> 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><u>B&amp;S DIGI 40 Peristaltic pump</u></b> <b>CONTROLLED REMOTELY</b> 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><u>B&amp;S DIGI 100 Peristaltic pump</u></b> <b>CONTROLLED REMOTELY</b> 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
	<b><u>Connection kit B&amp;S DIGI Peristaltic pump</u></b> <b>Only available with purchase of a B&amp;S DIGI Peristaltic pump!</b>  Content connection kit : <ul style="list-style-type: none"><li>• 1x Marprene tubing with connection 6x12mm</li><li>• (Specify tubing diameter)</li><li>• 1x Teflon injection valve</li><li>• 1x Suction lance with sieve</li><li>• 2x Control cable 2 m with 1 plug</li><li>• 2x Hose connection 6x12mm</li></ul>	2522024



Article	Description	Art. no.
<b>CONTROLLED REMOTELY AND MANUAL DOSAGE</b>		
<b><u>B&amp;S DIGI Peristaltic pump</u></b>		
Due to the simple menu structure, all the parameters can be entered. Also equipped with a clear red LED display .		
<hr/>		
  	<b><u>B&amp;S DIGI 100 Peristaltic pump set with higher capacity</u></b>	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 <b>CONTROLLED REMOTELY</b>	
	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  <b><u>* NOT INCLUDED: injection valve, connection and support</u></b>	
<hr/>		
		
<b>For all the injection valves see page 31</b>		
<b>For connections see page 36</b>		















Article	Description	Art. no.
	<b><u>Control cable</u></b> <b>This cable is necessary for the external control of the B&amp;S peristaltic</b>	
	<b><u>Control cable</u></b> 2 meter, 1 plug	2501010
	<b><u>Control cable</u></b> 4 meter, 1 plug	2501011
	<b><u>Control cable</u></b> 10 meter, 1 plug	2501015
	<b><u>Control cable</u></b> 25 meter, 1 plug	2501025
	<b><u>Separate pump head 313 X-ER</u></b> For the B&S DIGI serie.  <b>Attention : not possible on the B&amp;S DIGI 100!</b>	4916030
	<b><u>Pump head 313 D-ER</u></b> Each B&S pump is equipped with this head	4916040
	<b><u>Pump head pressure tester</u></b> <b>Test tool</b> for a pressure measurement of the pump head D-ER en X-ER.	2516201
	<b><u>B&amp;S DIGI Peristaltic pump replacement kit</u></b> Suitcase with replacement parts for service on the B&S DIGI peristaltic pump <ul style="list-style-type: none"> <li>• EPDM seal injection valve</li> <li>• Sieve suction lance</li> <li>• Hose connection 4x6/5x8/6x12mm</li> <li>• Swivel hose connection (2x)</li> <li>• Teflon injector with check valve(3x)</li> <li>• Crimp ring 6/8/12mm</li> <li>• Hose barb 4/6/8 (2x)</li> <li>• Connector M20xM20 (2x)</li> <li>• Seal viton hose connection (10x)</li> <li>• Check valve viton for injection valve (5x)</li> </ul>	2522027








Article	Description	Art. no.
	<b><u>Teflon injection valve</u></b> Insert size 50mm Delivered without hose connections. To use <b>until</b> diameter 110 mm	3750002
	<b><u>Teflon injection valve</u></b> Insert size 150mm Delivered without hose connections. To use <b>from</b> diameter 110 mm	3750001
	<b><u>Teflon injector with check valve</u></b>	3720023
	<b><u>Check valve viton for injection valve</u></b>	2518010
	<b><u>Injection ball valve SEM</u></b> Delivered without hose connections To use <b>until</b> diameter 110 mm	3750005
	<b><u>Injection ball valve SEM</u></b> Extended Delivered without hose connections To use <b>from</b> diameter 110 mm	3750006
	<b><u>EPDM seal for injection ball valve</u></b>	7115082
	<b><u>Viton seal for injection ball valve/ teflon injection valve</u></b> Seal o-ring <b>to mount</b> the injection valve/ injection ball valve <b>in line</b>	2515775
	<b><u>Replacement part for injection ball valve 1/2"</u></b>	3750010
	<b><u>Tubing connection</u></b> 6 x 12mm (For marprene tubing 6,4mm and reinforced tubing 6x12mm)	3750612




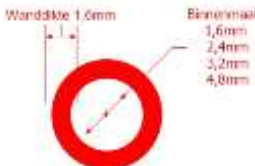


Article	Description	Art.no.
	<b><u>Mounting bracket for dosing pump</u></b> Equipped with overflow connection 1/4 "hose barb. With removable plate.	2816030
	<b><u>Dosing valve with connections</u></b> Delivered with 3x 6x12 mm connections. Material valve is viton	2504125
	<b><u>Suction lance</u></b>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




Article	Description	Art. no.
	<b><u>Maintenance of marprene tubing:</u></b> Replace annual the marprene tubing and the viton O rings of the connections.	

## Marprene tubing can be used for chlorine, acid and flocculant


<b><u>Marprene tubing with connections</u></b>		
 <p>Marprene tubing (1m) equipped with connections . Replacing the tubing is now even easier. Standard equipped with connections for connection of reinforced PVC tubing (6x12). <b>The specified sizes are inside dimensions of the tubing. Wall thickness tubing is 1,6 mm.</b></p>		
 <p>Wanddikte 1,6mm Binnendiameter: 1,6mm 2,4mm 3,2mm 4,8mm</p>	<b><u>Tubing</u></b> 1,6mm	2505900
	<b><u>Tubing</u></b> 2,4mm	2505901
	<b><u>Tubing</u></b> 3,2mm	2505902
	<b><u>Tubing</u></b> 4,8mm	2505903

## Pure Weld tubing can be used for peroxide.

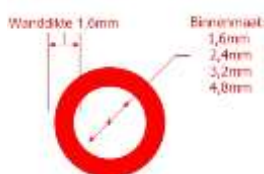
 <p>Wanddikte 1,6mm Binnendiameter: 1,6mm 3,2mm</p>	<b><u>Pure Weld tubing</u></b> 1,6mm	2505811
	<b><u>Pure Weld tubing</u></b> 3,2mm	2505812





Article	Description	Art. no.
	<b><u>Maintenance of marprene tubing:</u></b> 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

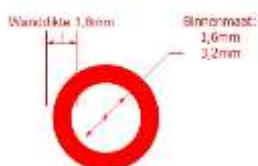
4913032

#### **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







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

**For other connections see page 36**





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





Article	Description	Art. no.
	<b><u>Tubing connector</u></b> Consists of : <ul style="list-style-type: none"> <li>• 2x tubing connections</li> <li>• 1x connector M20xM20</li> </ul>	
	<b><u>Tubing connector</u></b> 9 x 12 - 9 x 12	2504095
	<b><u>Tubing connector</u></b> 6 x 12 – 6 x 12	2504098
	<b><u>Tubing connector</u></b> 6 x 12 - 9 x 12	2504099
	<b><u>Tubing connector</u></b> 5 x 8 – 5 x 8	2504102
	<b><u>Tubing connector</u></b> 5 x 8 – 6 x 12	2504103
	<b><u>Tubing connector</u></b> 5 x 8 - 9 x 12	2504104
	<b><u>Tubing connector</u></b> 4 x 6 – 4 x 6	2504106
	<b><u>Tubing connector</u></b> 4 x 6 – 5 x 8	2504107
	<b><u>Tubing connector</u></b> 4 x 6 – 6 x 12	2504108
	<b><u>Tubing connector</u></b> 4 x 6 - 9 x 12	2504109
	<b><u>Tubing connector</u></b> 1,6 x 5,5 – 1,6 x 5,5	2504110
	<b><u>Tubing connector</u></b> 1,6 x 5,5 – 4 x 6	2504111
	<b><u>Tubing connector</u></b> 1,6 x 5,5 – 5 x 8	2504112
	<b><u>Tubing connector</u></b> 1,6 x 5,5 – 6 x 12	2504113
	<b><u>Tubing connector</u></b> 1,6 x 5,5 - 9 x 12	2504114






## Dosing units and accessories

# 5





Article	Description	Art. no.
	<p><b><u>Dosing unit</u></b></p> <p>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.</p> <p>This system is also suitable for chlorination of pool or whirlpool.</p> <p><b><u>Set includes:</u></b></p> <ul style="list-style-type: none"><li>• PP wall bracket excl. Saddle 1/2"</li><li>• Marprene tubing 2,4mm with hose connection 6 x 12 mm ( other tubing diameters on demand)</li><li>• Suction lance with sieve with hose connections 6x 12 mm</li><li>• Teflon injection valve with hose connections 6x 12 mm</li></ul> <p><b>Saddle not included</b></p>	2522010
	<p><b><u>Safety bund square 94 liter</u></b></p> <p>Dimensions :LxBxH 460x460x480mm</p> <p>For dosing tank 60 L</p>	9903094
	<p><b><u>PP Bracket for dosing unit</u></b></p>	4002001
	<p><b><u>Nuscofloc</u></b></p> <p>Per box of 10kg (4x2,5kg bags)</p> <p>Flocculant powder</p> <p>To dissolve in water.</p>	3914020



Article	Description	Art.no.
	<b><u>Dosing unit set with electric mixer and DIGI peristaltic pump</u></b> * 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	
	<b><u>Dosing unit 110L with electric mixer</u></b> * <u>DIGI V Peristaltic pump</u> * Electric mixer MIXV8NMON - 1400 tpm 0,09kW / 230V	2521117
	<b><u>Dosing unit 110L with electric mixer</u></b> * <u>DIGI 40 Peristaltic pump</u> * Electric mixer MIXV8NMON - 1400 tpm 0,09kW / 230V	2521114
	<b><u>Dosing unit 200 L with electric mixer</u></b> * <u>DIGI V Peristaltic pump</u> * Electric mixer MIXV4NMON - 1400 tpm 0,18kW / 230V	2521207
	<b><u>Dosing unit 200 L with electric mixer</u></b> * <u>DIGI 40 Peristaltic pump</u> * Electric mixer MIXV4NMON - 1400 tpm 0,18kW / 230V	2521204
	<b><u>Dosing unit 500 L with electric mixer</u></b> * <u>DIGI V Peristaltic pump</u> * Electric mixer MIXV2NMON - 1400 tpm 0,37kW / 230V	2521507
	<b><u>Dosing unit 500 L with electric mixer</u></b> * <u>DIGI 40 Peristaltic pump</u> * Electric mixer MIXV2NMON - 1400 tpm 0,37kW / 230V	2521504

**For safety bunds see page 41**





Article	Description	Art.no.
	<b><u>Dosing unit 110L with electric mixer</u></b> * Dosing unit 110ltr with Electric mixer MIXV8NMON - 1400 tpm 0,09kW / 230V	2521110
	<b><u>Dosing unit 200L with electric mixer</u></b> * Dosing unit 200ltr with Electric mixer MIXV4NMON - 1400 tpm 0,18kW / 230V	2521200
	<b><u>Dosing unit 500L with electric mixer</u></b> * Dosing unit 500ltr with Electric mixer MIXV2NMON - 1400 tpm 0,37kW / 230V	2521500
	<b><u>Safety bund round for 110L</u></b> Dim.: Ø x H 545mm For dosing unit 110 liter Volume: 120 L	4116048
	<b><u>Safety bund round for 200L</u></b> Afm.: Ø x H 695mm For dosing unit 200 liter Volume: 300 L	4116049
	<b><u>Safety bund round for 500L</u></b> Dim.: Ø x H 840mm For dosing unit 500 liter Volume: 600 L	4116050
	<b><u>Electric mixer</u></b> Electric mixer MIXV8NMON 230V/0,09kW / 1400tr/min. for <b><u>110 liter dosing unit</u></b>	3805564
	<b><u>Electric mixer</u></b> Electric mixer MIXV4NMON - 1400 tpm 0,18kW / 230V for <b><u>200 liter dosing unit</u></b>	3805566
	<b><u>Electric mixer</u></b> Electric mixer MIXV2NMON - 1400 tpm 0,37kW / 230V for <b><u>500 liter dosing unit</u></b>	3805567
	<b><u>Hand mixer</u></b> Hand mixer for 60 liter dosing unit for mixing bicarbonate etc.	3808130





Article	Description	Art. no.
	<b><u>Dosing tank 60 liter</u></b> Dosing tank in PE with graduations and cover H= 600 mm diameter = 400 mm	3804030
	<b><u>Dosing tank 120 liter</u></b> Dosing tank in PE with graduations and cover H= 780 mm diameter = 465 mm	4304020
	<b><u>Safety bund square 94 liter</u></b> Dimensions :LxBxH 460x460x480mm For dosing tank 60 L	9903094
	<b><u>Safety bund round 150 liter</u></b> Dimensions :dia x H 530 x 810mm For dosing tank 120 L	7103182
	<b><u>Safety bound for 14 cans chlorine /acid</u></b> Dimensions : 660x1320x150mm, content 80 liters, maximum 1136 kg	8915080
	<b><u>Safety bound for 1 can chlorine /acid</u></b> Dimensions: 400x300x325mm Content 39 L	9903025
	<b><u>Safety bound for 2 cans chlorine/acid</u></b> Dimensions : 600x 400x 350 mm Content 90 L	9903026









## Flow Control flowmeters and accessories

# 6











Article	Description	Art. no.
	<p><b><u>Flow Control 2000</u></b></p> <p>Specifications:</p> <ul style="list-style-type: none"><li>• Adjustable switching with double –pole relay 230V/2A;</li><li>• Adjustable pipe diameters;</li><li>• Sensor fits on all pipes, only saddle is size dependent.</li><li>• Measuring range 0,3-5m/s (Burkert 8020);</li><li>• Power supply 230Vac/7,5VA</li><li>• Accuracy max. 2,5%</li></ul> <p>Delivered with manuel, 5m cable and 8020 flowsensor met paddle wheel , exclusive saddle + stütze.</p>	2502000
	<p><b><u>Flow Control 2000</u></b></p> <p>Electronic box without sensor</p>	2502100
	<p><b><u>Flowmeter 5l/h – 50000 l/h</u></b></p> <ul style="list-style-type: none"><li>* Only readout, no flow circuit</li><li>* Version with glue connection</li><li>* Diameter 16-75mm</li></ul> <p><b>Prices on demand</b></p>	









Article	Description	Art. no.
	<b><u>Flowsensor SN10350</u></b> <ul style="list-style-type: none"> <li>• Measure flow according caloric principle;</li> <li>• No moving parts;</li> <li>• Assembly in 1/2" saddle;</li> <li>• Supply 24V/100mA DC;</li> <li>• Measuring range 0-3m/s, 4-20mA output signal;</li> <li>• Readable with SEM Flow Control 2000 and SEM SPI 170</li> </ul>	3897500
	<b><u>Plug M12</u></b> For Flowsensor SN10350 Connection of cable by screw connection	3804510
	<b><u>Cable with plug M12</u></b> Connection of cable (10meter) by screw connection. For sensor SN10350	3879500
	<b><u>Adapter ring 1 1/4" M-1/2" F PVC for flowsensor SN10350</u></b> Also available 1 1/2" M – 1/2" F.	2516125
	<b><u>Flow Control sensor 8020</u></b> Sensor with paddle wheel. Assembly with saddle + stütze.	3119010
	<b><u>Flow Control sensor 8041</u></b> Magnetic inductive sensor, assembly with saddle + stütze. Sensor without display and without moving parts.	3119040





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






## Break tank , Spare parts and accessoires

7







Article	Description	Art. no.
	<p><b><u>SEM Compact Break tank with pump, inclusive level control (according to EN1717 en EN13077)</u></b></p> <p>The break tank is specially designed to make the legal separation between drinking water and swimming pool water/ process water</p> <ul style="list-style-type: none"><li>-capacity 0.7 m3/hour ( mechanical float)</li><li>-capacity 1.5 m3/hour ( solenoid valve, option)</li><li>-content reservoir (HMPE) 10 liter, dimensions 550x340x445mm</li><li>- Pump 5- 45 l/min 0.40 kW , 11.5 - 28.5 m.w.k.</li><li>-with <b>Universal level control</b></li><li>-LED display with menu structure</li><li>-Float with 10 m cable for level</li><li>-with <b>filling time protection (adjustable maximum filling time).</b></li></ul>	2502925

**PAY ATTENTION:**  
**If the Break Tank is mounted above water level, we recommend using an anti-siphon protection!!!**  
**See page 50**





Article	Description	Art. no.
	<b><u>Mounting bracket (powdercoated) for Compact break tank</u></b>	2502935
	<b><u>Option compact break tank: large filling capacity (1,5m3 / h)</u></b> 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
	<b><u>Option compact break tank: anti siphon protection</u></b> 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.	2502808
	<b><u>Float switch SEM (switch) with 10m cable</u></b>	6022011
	<b><u>Pump M5 for compact break tank</u></b> 230V / 2 x 1" F connection. Stainless steel front house.	5305010
	<b><u>Mechanical float for compact break tank</u></b> 3/8" M connection ( 600 l/h)	7212100
	<b><u>Pressure sensor for compact break tank</u></b>	2502933











## **SPI Handheld meter, accessories and reagents**

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



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










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

**\*Price changes reserved in connection with daily prices**





Article	Description	Art. no.
	<b><u>Measuring cup 30ml, for SPI D141</u></b>	9920543
	<b><u>Shell for SPI D141</u></b>	3530033
	<b><u>Cuvette holder for SPI D141, for 10 cuvette</u></b>	3530215
	<b><u>Sampling bottle, aluminum, 300ml</u></b>	3613300
	<b><u>Brush for cleaning cuvette SPI D141</u></b> Set of 4 brushes	3599310














## **pH Handheld meter and accessoires**

9





Article	Description	Art. no.
	<b><u>pH Handheld meter set</u></b> incl. pH sensor, temperature sensor, cable and buffer solution 4 and 7	7916081
	<b><u>pH Handheld meter</u></b> pH meter without accessories	9901500
	<b><u>Temperature sensor for handheld meter</u></b>	9901501
	<b><u>pH electrode</u></b> For SEM Control, SPI and handheld meters	8916001
	<b><u>pH cable</u></b> For SEM Control, SPI and handheld meters	3816040
	<b><u>SEM Buffer pH 9</u></b> 50ml	9601002
	250 ml	9601009
	<b><u>SEM Buffer pH 7</u></b> 50ml	9601001
	250 ml	9601008
	<b><u>SEM Buffer pH 4</u></b> 50ml	9601003
	250ml	9601007
	<b><u>Buffer liquid pH 4</u></b> Packaging with bags 30x20ml	9602069
	<b><u>Buffer liquid pH 4</u></b> Bag 20ml	9602068
	<b><u>Buffer liquid pH 7</u></b> Packaging with bags 30x20ml	9602047
	<b><u>Buffer liquid pH 7</u></b> Bag 20ml	9602046












**Safety materials**

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Article	Description	Art. no.
	<b><u>Security package</u></b> Apron, glasses, gloves	3663116
	<b><u>Eyewash bottle 630 ml</u></b>	3615000
	<b><u>Support for Eyewash bottle</u></b>	3623015
	<b><u>Neoprene glove</u></b> Gloves to work with chemicals	3608016
	<b><u>Safety glasses</u></b> Glasses to work with chemicals	3622020
	<b><u>PVC Apron black</u></b> Dimensions. 100x80cm To work with chemicals	3619050
	<b><u>SEM Electric barrel pump</u></b>  * 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	2515100









## Chemicals

# 11





Article	Description	Art. no.
	<b><u>Liquid chlorine (15%)</u></b> Per can of 25 kg, deposit incl., Price per kg	8999990
	<b><u>Sulphuric acid (37%)</u></b> Per can of 25 kg, deposit incl., Price per kg	8999991
	<b><u>Sulphuric acid (15%)</u></b> Per can of 25 kg, deposit incl. Price per kg	8999993
	<b><u>Nuscofloc- flocculant</u></b> Per box of 10kg (4x2,5kg sacs ). Flocculant powder. To be solved in tap water.	3914020

**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.
	<b><u>Bicarbonate</u></b> Bucket of 5 kg	2503006
	<b><u>Bicarbonate</u></b> Per sac of 25 kg, price per kg	3902010
	<b><u>Sodium thiosulphate</u></b> Bucket of 5 kg	3914041
	<b><u>Sodium thiosulphate</u></b> Per sac of 25 kg, price per kg	3914031
	<b><u>Sodium bisulphate</u></b> Bucket of 7 kg	1263006
	<b><u>Sodium bisulphate</u></b> Per sac of 25 kg, price per kg	8914020
	<b><u>SEM pH Plus</u></b> To increase the pH. (Powder)	1263102
	<b><u>Soda / Sodium carbonate</u></b> To increase the pH. (Powder) Per sac of 25 kg, price per kg	8901825
	<b><u>Polyphosphate crystals</u></b> Bucket of 1kg	5912010
	<b><u>Sodium hydroxide</u></b> To increase the pH. (Liquid) Per can of 2,5 liter	8901821
	<b><u>Sodium hydroxide</u></b> Per can of 27 kg, deposit incl., price per kg	8901824
	<b><u>Peroxide (35 %) H2O2</u></b> To eliminate chlorine in the water Per can of 2,5 liter	8921003
	<b><u>Peroxide (35 %) H2O2</u></b> 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**

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

**Pallet prices on request**

**Unload filter medium on location on request**

**Price changes reserved for filtermedia**







**RVS Parts**

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Article	Description	Art. no.
	<b><u>SEM Inlet/ suction fitting (Nozzle)</u></b> <ul style="list-style-type: none"><li>- 1,5" external thread</li><li>- Stainless steel grid</li><li>- European standard.</li></ul>	2500014
	<b><u>SEM Stainless steel suction grid</u></b> <ul style="list-style-type: none"><li>- Fits on a Hayward bottem grid</li><li>- 6 m<sup>3</sup>/h</li><li>- Diameter 200 mm</li><li>- NEN-EN 13451-1:2001</li></ul>	2501180





## Service rates

### Description

#### Service rates 2022

Working hours

Travel cost

Kilometer cost per kilometer