

## Chemical dosing

|                                                                 |           |
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## peristaltic dosing pumps

## peristaltic pumps MICRODOS

built-in version without control



**technical data:**  
type: MP3  
fixing: horizontal or vertical  
hose connector: 4x6mm  
maximum lift: 1.5m

| no. | order no. | pumped amount | supply  | application | hose type  |
|-----|-----------|---------------|---------|-------------|------------|
| 1   | 361097    | 0.5L/h        | 230V AC | rinse aid   | silicone   |
| 2   | 361599    | 0.5L/h        | 24V AC  | rinse aid   | silicone   |
| 3   | 361098    | 1.5L/h        | 230V AC | detergent   | Santoprene |
| 4   | 361600    | 1.5L/h        | 24V AC  | detergent   | Santoprene |
| 5   | 361685    | 3.0L/h        | 230V AC | detergent   | Santoprene |
| 6   | 361484    | 3.0L/h        | 24V AC  | detergent   | Santoprene |

built-in version with single time control



**technical data:**  
type: MP3-T  
fixing: horizontal or vertical  
dosing time: ( $\pm 15\%$ ) 1 - 25sec.  
hose connector: 4x6mm  
maximum lift: 1.5m

| no. | order no. | pumped amount | supply  | application | hose type |
|-----|-----------|---------------|---------|-------------|-----------|
| 1   | 361793    | 0.5L/h        | 230V AC | rinse aid   | silicone  |



**technical data:**  
type: MP3-T  
fixing: horizontal or vertical  
hose connector: 4x6mm  
maximum lift: 1.5m

| no. | order no. | pumped amount | supply  | application | hose type  |
|-----|-----------|---------------|---------|-------------|------------|
| 1   | 361000    | 3L/h          | 230V AC | detergent   | Santoprene |

built-in version with single time control



**technical data:**  
type: MP3-B1T  
dosing time: ( $\pm 15\%$ ) 1 - 25sec.  
hose connector: 4x6mm  
maximum lift: 1.5m

| no. | order no. | pumped amount | supply  | application | hose type |
|-----|-----------|---------------|---------|-------------|-----------|
| 1   | 361613    | 0.5L/h        | 230V AC | rinse aid   | silicone  |



**technical data:**  
type: MP-B1T  
dosing time: ( $\pm 15\%$ ) 1 - 25sec.  
hose connector: 4x6mm  
maximum lift: 1.5m

| no. | order no. | pumped amount | supply  | application | hose type |
|-----|-----------|---------------|---------|-------------|-----------|
| 1   | 361614    | 1L/h          | 230V AC | rinse aid   | silicone  |

built-in version with single speed control



**technical data:**  
type: MP3-BT  
hose connector: 4x6mm  
maximum lift: 1.5m

| no. | order no. | pumped amount | supply  | application | hose type  |
|-----|-----------|---------------|---------|-------------|------------|
| 1   | 361618    | 3L/h          | 230V AC | detergent   | Santoprene |
| 2   | 361747    | 3L/h          | 24V AC  | detergent   | Santoprene |

wall-mounted without control



**technical data:**  
type: MP2-B  
hose connector: 4x6mm  
maximum lift: 1.5m

| no. | order no. | pumped amount | supply  | application | hose type  |
|-----|-----------|---------------|---------|-------------|------------|
| 1   | 361778    | 0.5L/h        | 230V AC | rinse aid   | silicone   |
| 2   | 361779    | 0.5L/h        | 24V AC  | rinse aid   | silicone   |
| 3   | 361780    | 1.5L/h        | 230V AC | detergent   | Santoprene |
| 4   | 361781    | 1.5L/h        | 24V AC  | detergent   | Santoprene |
| 5   | 361782    | 3.0L/h        | 230V AC | detergent   | Santoprene |
| 6   | 361783    | 3.0L/h        | 24V AC  | detergent   | Santoprene |

wall-mounted with single time control



**technical data:**  
type: MP2-1T  
note: supplied with die rinse valves  
dosing time: + 1 - 25sec.  
hose connector: 4x6mm  
maximum lift: 1.5m

| no. | order no. | pumped amount | supply  | application | hose type |
|-----|-----------|---------------|---------|-------------|-----------|
| 1   | 361784    | 0.5L/h        | 230V AC | rinse aid   | silicone  |
| 2   | 361785    | 0.5L/h        | 24V AC  | rinse aid   | silicone  |

## wall-mounted with speed control

**technical data:**

type: MP2-R  
hose connector: 4x6mm  
maximum lift: 1.5m

| no. | order no. | pumped amount | supply  | application | hose type  |
|-----|-----------|---------------|---------|-------------|------------|
| 1   | 361748    | 1L/h          | 230V AC | rinse aid   | silicone   |
| 2   | 361749    | 1L/h          | 24V AC  | rinse aid   | silicone   |
| 3   | 361774    | 4L/h          | 230V AC | detergent   | Santoprene |
| 4   | 361775    | 4L/h          | 24V AC  | detergent   | Santoprene |
| 5   | 361776    | 7L/h          | 230V AC | detergent   | Santoprene |
| 6   | 361777    | 7L/h          | 24V AC  | detergent   | Santoprene |

**technical data:**

type: MP2-R  
hose connector: ø inner 6mm  
maximum lift: 1.5m

| no. | order no. | pumped amount | supply  | application | hose type  |
|-----|-----------|---------------|---------|-------------|------------|
| 1   | 361786    | 1L/h          | 230V AC | rinse aid   | silicone   |
| 2   | 361598    | 7L/h          | 230V AC | detergent   | Santoprene |

**technical data:**

type: MP2-R  
hose connector: ø inner 8mm  
maximum lift: 1.5m

| no. | order no. | pumped amount | supply  | application | hose type  |
|-----|-----------|---------------|---------|-------------|------------|
| 1   | 361787    | 18L/h         | 230V AC | detergent   | Santoprene |

## wall-mounted version with conductivity control

**technical data:**

type: MP2-C1  
hose connector: 4x6mm  
maximum lift: 1.5m

| no. | order no. | pumped amount | supply  | application | hose type  |
|-----|-----------|---------------|---------|-------------|------------|
| 1   | 361788    | 6L/h          | 230V AC | detergent   | Santoprene |
| 2   | 361789    | 9L/h          | 230V AC | detergent   | Santoprene |

## spare parts



| fig. | order no. | connection | application | hose type  |
|------|-----------|------------|-------------|------------|
| 1    | 361284    | 4x6mm      | detergent   | Santoprene |
| 2    | 361487    | 4x6mm      | rinse aid   | silicone   |
| 3    | 361807    | ø6mm       | detergent   | Santoprene |
| 4    | 361808    | ø6mm       | rinse aid   | silicone   |
| 5    | 361809    | ø8mm       | detergent   | Santoprene |



| fig. | order no. | description | application | hose type  |
|------|-----------|-------------|-------------|------------|
| 1    | 361514    | hose roller | detergent   | Santoprene |
| 2    | 361515    | hose roller | rinse aid   | silicone   |

## peristaltic pumps SEKO

built-in version without control



**technical data:**  
type: PG  
fixing: horizontal or vertical  
hose connector: 4x6mm  
dimensions: 67x95x52mm  
maximum lift: 1.5m

| no. | order no. | pumped amount | supply  | application | hose type  |
|-----|-----------|---------------|---------|-------------|------------|
| 1   | 361150    | 0.4L/h        | 230V AC | rinse aid   | Sekobril   |
| 2   | 361428    | 0.4L/h        | 24V AC  | rinse aid   | Sekobril   |
| 3   | 361151    | 1.5L/h        | 230V AC | detergent   | Santoprene |
| 4   | 361429    | 1.5L/h        | 24V AC  | detergent   | Santoprene |
| 5   | 361152    | 3.0L/h        | 230V AC | detergent   | Santoprene |
| 6   | 361484    | 3.0L/h        | 24V AC  | detergent   | Santoprene |



**technical data:**  
type: PP  
fixing: horizontal or vertical  
hose connector: 6mm  
maximum lift: 1.5m

| no. | order no. | pumped amount | supply        | application | hose type  |
|-----|-----------|---------------|---------------|-------------|------------|
| 1   | 361322    | 1.0L/h        | <b>24V DC</b> | rinse aid   | Sekobril   |
| 2   | 361321    | 7.0L/h        | <b>24V DC</b> | detergent   | Santoprene |

## built-in version with single time control



**technical data:**  
type: PBM  
dosing time: ( $\pm 15\%$ ) 1 - 20sec.  
hose connector: 4x6mm  
maximum lift: 1.5m

| no. | order no. | pumped amount | supply  | application | hose type |
|-----|-----------|---------------|---------|-------------|-----------|
| 1   | 361211    | 0.4L/h        | 230V AC | rinse aid   | Sekobril  |



**technical data:**  
type: PBM  
dosing time: ( $\pm 15\%$ ) 1 - 20sec.  
hose connector:  
input: 4x6mm  
output: 6mm  
maximum lift: 1.5m

| no. | order no. | pumped amount | supply  | application | hose type |
|-----|-----------|---------------|---------|-------------|-----------|
| 1   | 361250    | 0.7L/h        | 230V AC | rinse aid   | Sekobril  |



**technical data:**  
type: PBR  
hose connector: 4x6mm  
dimensions: 100x67x68mm  
maximum lift: 1.5m

| no. | order no. | pumped amount | supply  | application | hose type  |
|-----|-----------|---------------|---------|-------------|------------|
| 1   | 361215    | 0.3-3.0L/h    | 230V AC | detergent   | Santoprene |
| 2   | 361269    | 0.3-3.0L/h    | 24V AC  | detergent   | Santoprene |

## wall-mounted without control



**technical data:**  
type: PE  
hose connector: 4x6mm  
dimensions: 116x80x92mm  
maximum lift: 1.5m

| no. | order no. | pumped amount | supply  | application | hose type  |
|-----|-----------|---------------|---------|-------------|------------|
| 1   | 361153    | 0.4L/h        | 230V AC | rinse aid   | Sekobril   |
| 2   | 361430    | 0.4L/h        | 24V AC  | rinse aid   | Sekobril   |
| 3   | 361154    | 1.5L/h        | 230V AC | detergent   | Santoprene |
| 4   | 361431    | 1.5L/h        | 24V AC  | detergent   | Santoprene |
| 5   | 361155    | 3.0L/h        | 230V AC | detergent   | Santoprene |
| 6   | 361432    | 3.0L/h        | 24V AC  | detergent   | Santoprene |

## wall-mounted with single time control



**technical data:**  
type: PM  
note: supplied via rinse valves  
dosing time: 1 - 20sec.  
hose connector: 4x6mm  
dimensions: 103x82x92mm  
maximum lift: 1.5m

| no. | order no. | pumped amount | supply  | application | hose type |
|-----|-----------|---------------|---------|-------------|-----------|
| 1   | 361158    | 0.4L/h        | 230V AC | rinse aid   | Sekobril  |
| 2   | 361437    | 0.4L/h        | 24V AC  | rinse aid   | Sekobril  |

## wall-mounted with two time controls



**technical data:**  
type: PS  
note: supplied via intake and rinse valves  
dosing time T1: 1 - 25sec.  
dosing time T2: 5 - 220sec.  
hose connector: 4x6mm  
dimensions: 103x82x92mm  
maximum lift: 1.5m

| no. | order no. | pumped amount | supply  | application | hose type  |
|-----|-----------|---------------|---------|-------------|------------|
| 1   | 361159    | 1.5L/h        | 230V AC | detergent   | Santoprene |
| 2   | 361160    | 3.0L/h        | 230V AC | detergent   | Santoprene |
| 3   | 361438    | 3.0L/h        | 24V AC  | detergent   | Santoprene |
| 4   | 361214    | 10L/h         | 230V AC | detergent   | Santoprene |

## wall-mounted with speed control



**technical data:**  
type: PR  
hose connector: 4x6mm  
dimensions: 103x82x92mm  
maximum lift: 1.5m

| no. | order no. | pumped amount | supply  | application | hose type  |
|-----|-----------|---------------|---------|-------------|------------|
| 1   | 361163    | 0.15-1.0L/h   | 230V AC | rinse aid   | Sekobril   |
| 2   | 361433    | 0.15-1.0L/h   | 24V AC  | rinse aid   | Sekobril   |
| 3   | 361156    | 0.6-4.0L/h    | 230V AC | detergent   | Santoprene |
| 4   | 361434    | 0.6-4.0L/h    | 24V AC  | detergent   | Santoprene |
| 5   | 361157    | 1.0-7.0L/h    | 230V AC | detergent   | Santoprene |
| 6   | 361435    | 1.0-7.0L/h    | 24V AC  | detergent   | Santoprene |



**technical data:**  
type: PR  
hose connector: Ø inner 6mm  
dimensions: 103x82x92mm  
maximum lift: 1.5m

| no. | order no. | pumped amount | supply  | application | hose type  |
|-----|-----------|---------------|---------|-------------|------------|
| 1   | 361246    | 0.5-1.0L/h    | 230V AC | rinse aid   | Sekobril   |
| 2   | 361247    | 1.0-7.0L/h    | 230V AC | detergent   | Santoprene |



**technical data:**  
type: PR  
hose connector: Ø inner 8mm  
dimensions: 103x82x92mm  
maximum lift: 1.5m

| no. | order no. | pumped amount | supply  | application | hose type  |
|-----|-----------|---------------|---------|-------------|------------|
| 1   | 361436    | 3.0-18L/h     | 230V AC | detergent   | Santoprene |

## wall-mounted with conductivity control



**technical data:**  
type: PA  
hose connector: 4x6mm  
dimensions: 103x82x92mm  
maximum lift: 1.5m

| no. | order no. | pumped amount | supply  | application | hose type  |
|-----|-----------|---------------|---------|-------------|------------|
| 1   | 361161    | 6.0L/h        | 230V AC | detergent   | Santoprene |
| 2   | 361440    | 6.0L/h        | 24V AC  | detergent   | Santoprene |
| 3   | 361162    | 9.0L/h        | 230V AC | detergent   | Santoprene |
| 4   | 361441    | 9.0L/h        | 24V AC  | detergent   | Santoprene |

## wall-mounted twin pump TWIN



**technical data:**  
type: Twin 10

dosage detergent: speed control  
dosage rinse aid: speed control  
alarm: acoustic signal for empty tank  
hose connector: 4x6mm

| no. | order no. | supply             | pumped amount | application | hose type  |
|-----|-----------|--------------------|---------------|-------------|------------|
| 1   | 361442    | 24V AC             | 4.0L/h        | detergent   | Santoprene |
|     |           | 115V AC<br>230V AC | 1.0L/h        | rinse aid   | Sekobril   |



**technical data:**  
type: Twin 20  
dosage detergent:  
time control in the load phase  
speed control in the redosing phase  
dosage rinse aid: speed control  
alarm: acoustical signal with empty tank  
hose connector: 4x6mm  
time delay detergent: 20sec.  
(tunnel dishwashers)

| no. | order no. | supply             | pumped amount | application | hose type  |
|-----|-----------|--------------------|---------------|-------------|------------|
| 1   | 361443    | 24V AC             | 4.0L/h        | detergent   | Santoprene |
|     |           | 115V AC<br>230V AC | 1.0L/h        | rinse aid   | Sekobril   |



**technical data:**  
type: Twin 30  
dosage detergent:  
conductivity or time control  
dosage rinse aid: speed control  
alarms: illuminated display for empty tank  
and acoustic signal for overdosing (OFA)  
time delay detergent (tunnel dishwashers):  
12/30sec. after every time controlled dosage  
in the redosing phase;  
time delay rinse aid: 0-20sec.  
hose connector: 4x6mm

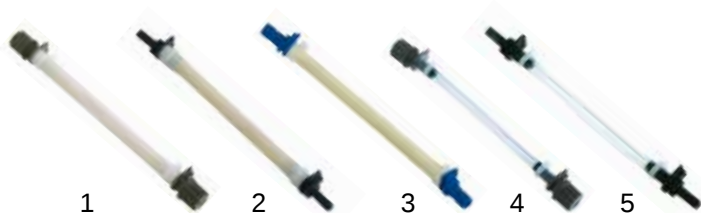
| no. | order no. | supply             | pumped amount | application | hose type  |
|-----|-----------|--------------------|---------------|-------------|------------|
| 1   | 361444    | 24V AC             | 9.0L/h        | detergent   | Santoprene |
|     |           | 115V AC<br>230V AC | 1.5L/h        | rinse aid   | Sekobril   |



**technical data:**  
type: Twin 40  
dosage detergent:  
conductivity or speed control  
dosage rinse aid: speed control  
hose connector: 4x6mm

| no. | order no. | supply     | pumped amount | application | hose type  |
|-----|-----------|------------|---------------|-------------|------------|
| 1   | 361220    | 80-256V AC | 12.5L/h       | detergent   | Santoprene |
|     |           |            | 2.5L/h        | rinse aid   | Sekobril   |

## spare parts for Seko peristaltic pumps



| fig. | order no. | hose type  | ø hose (mm) | connection (mm) | application |
|------|-----------|------------|-------------|-----------------|-------------|
| 1    | 361134    | Santoprene | 6x10        | 4x6             | detergent   |
| 2    | 361238    | Santoprene | 6x10        | 6x9             | detergent   |
| 3    | 361445    | Santoprene | 6x10        | 8x12            | detergent   |
| 4    | 361135    | Sekobril   | 3x7         | 4x6             | rinse aid   |
| 5    | 361239    | Sekobril   | 3x7         | 6x9             | rinse aid   |



| fig. | order no. | description     |
|------|-----------|-----------------|
| 1    | 361136    | roller assembly |
| 2    | 361562    | pump cover      |



ø mounting 22mm  
thread 1/2"

| no. | order no. | description                        | for type |
|-----|-----------|------------------------------------|----------|
| 1   | 361149    | electrode for conductivity control | PA       |

## peristaltic pumps BORES built-in version with flow control



**technical data:**  
type: Perios  
hose connector: 4x6mm

| fig. | order no. | pumped amount | supply  | application | hose type  | type |
|------|-----------|---------------|---------|-------------|------------|------|
| 1    | 361027    | 0.72L/h       | 230V AC | detergent   | Santoprene | P1D  |
| 2    | 361025    | 1.95L/h       | 230V AC | detergent   | Santoprene | P1PD |



| fig. | order no. | pumped amount | supply        | application | hose type  | type   |
|------|-----------|---------------|---------------|-------------|------------|--------|
| 1    | 361418    | 6.0L/h        | <b>24V DC</b> | detergent   | Santoprene | PCC246 |
| 2    | 361028*   | 0.39L/h       | 230V AC       | rinse aid   | silicone   | P1B    |
| 3    | 361577*   | 0.16L/h       | 230V AC       | detergent   | Santoprene | P2     |
|      |           | 0.07L/h*      |               | rinse aid   | Silikon    |        |

\* with integrated non return valve

## built-in version without control



**technical data:**  
type: Protho  
hose connector: 4x6mm

| fig. | order no. | pumped amount | supply  | application | hose type  | type  |
|------|-----------|---------------|---------|-------------|------------|-------|
| 1    | 361280    | 1.5L/h        | 230V AC | detergent   | Santoprene | PD1.5 |
|      | 361281    | 2.0L/h        | 230V AC | detergent   | Santoprene | PD2.0 |
|      | 361282    | 3.3L/h        | 230V AC | detergent   | Santoprene | PD3.3 |
| 2    | 361283*   | 0.4L/h        | 230V AC | rinse aid   | silicone   | PD0.4 |

\* with integrated non return valve



| no. | order no. | description       | supply  | for type |
|-----|-----------|-------------------|---------|----------|
| 1   | 361223    | frequency control | 230V AC | PD       |



**technical data:**  
type: Mybo  
hose connector: 4x6mm

| fig. | order no. | pumped amount | supply  | application | hose type  | type   |
|------|-----------|---------------|---------|-------------|------------|--------|
| 1    | 361407    | 3.3L/h        | 230V AC | detergent   | Santoprene | PDM3.3 |
| 2    | 361408*   | 1.0L/h        | 230V AC | rinse aid   | silicone   | PBM1.0 |

\* with integrated non return valve

### built-in version with frequency control



**technical data:**  
type: Mybo  
hose connector: 4x6mm

| fig. | order no. | pumped amount | supply  | application | hose type  | type    |
|------|-----------|---------------|---------|-------------|------------|---------|
| 1    | 361405    | 3.3L/h        | 230V AC | detergent   | Santoprene | PDEM3.3 |
| 2    | 361406*   | 1.0L/h        | 230V AC | rinse aid   | silicone   | PBEM1.0 |

\* with integrated non return valve



**technical data:**  
type: Mybo  
hose connector:  
input: 4x6mm  
output: 6mm

| no. | order no. | pumped amount | supply  | application | hose type | type    |
|-----|-----------|---------------|---------|-------------|-----------|---------|
| 1   | 361580*   | 1.0L/h        | 230V AC | rinse aid   | silicone  | PBTM1.0 |

\* with integrated non return valve

### wall-mounted without control



**technical data:**  
type: Mybo  
type of protection: IP65  
hose connector: 4x6mm

| no. | order no. | pumped amount | supply  | application | hose type  | type     |
|-----|-----------|---------------|---------|-------------|------------|----------|
| 1   | 361381    | 4.0L/h        | 230V AC | detergent   | Santoprene | PDM4.0   |
| 2   | 361382    | 4.0L/h        | 24V AC  | detergent   | Santoprene | PDM4.024 |

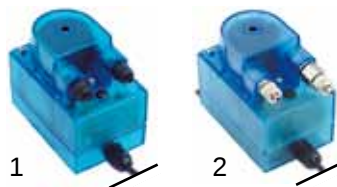


**technical data:**  
type: Protho  
type of protection: IP55  
hose connector: 4x6mm  
dimensions: W-11 D-109 H-130

| fig. | order no. | pumped amount | supply  | application | hose type  | type   |
|------|-----------|---------------|---------|-------------|------------|--------|
| 1    | 361397    | 2.0L/h        | 230V AC | detergent   | Santoprene | PDF2.0 |
| 2    | 361398*   | 0.4L/h        | 230V AC | rinse aid   | silicone   | PBF0.4 |

\* with integrated non return valve

### wall-mounted with frequency control



**technical data:**  
type: Mybo  
type of protection: IP65  
hose connector: 4x6mm

| fig. | order no. | pumped amount | supply  | application | hose type  | type      |
|------|-----------|---------------|---------|-------------|------------|-----------|
|      | 361375    | 4.0L/h        | 230V AC | detergent   | Santoprene | PDEM4.0   |
| 1    | 361376    | 4.0L/h        | 24V AC  | detergent   | Santoprene | PDEM4.024 |
|      | 361392    | 8.0L/h        | 24V AC  | detergent   | Santoprene | PDEM8.024 |
|      | 361388*   | 1.4L/h        | 230V AC | rinse aid   | silicone   | PBEM1.4   |
| 2    | 361389*   | 1.4L/h        | 24V AC  | rinse aid   | silicone   | PBEM1.424 |
|      | 361394*   | 2.0L/h        | 24V AC  | rinse aid   | silicone   | PBEM2.024 |

\* with integrated non return valve



**technical data:**  
type: Protho  
type of protection: IP55  
hose connector: 4x6mm  
dimensions: W-111 D-109 H-130

| fig. | order no. | pumped amount | supply  | application | hose type  | type     |
|------|-----------|---------------|---------|-------------|------------|----------|
| 1    | 361285    | 3.3L/h        | 230V AC | detergent   | Santoprene | PDE3.3   |
|      | 361401    | 8.0L/h        | 24V AC  | detergent   | Santoprene | PDE8.024 |
| 2    | 361399*   | 1.0L/h        | 230V AC | rinse aid   | silicone   | PBE1.0   |
|      | 361404*   | 2.0L/h        | 24V AC  | rinse aid   | silicone   | PBE2.024 |

\* with integrated non return valve

### wall-mounted with frequency control (with connection for flow switch)



**technical data:**  
type: Mybo (Pratic)  
type of protection: IP65  
hose connector: 4x6mm

| fig. | order no. | pumped amount | supply  | application | hose type  | type        |
|------|-----------|---------------|---------|-------------|------------|-------------|
| 1    | 361420    | 4.0L/h        | 230V AC | detergent   | Santoprene | PDEMPP4.0   |
|      | 361421    | 8.0L/h        | 24V AC  | detergent   | Santoprene | PDEMPP8.024 |
| 2    | 361422*   | 1.4L/h        | 230V AC | rinse aid   | silicone   | PBEMP1.4    |
|      | 361423*   | 2.0L/h        | 24V AC  | rinse aid   | silicone   | PBEMP2.024  |

\* with integrated non return valve



| no. | order no. | type                                   |
|-----|-----------|----------------------------------------|
| 1   | 361417    | flow switch 3/4" 24/230V AC 10bar max. |

## wall-mounted with time control



**technical data:**  
type: Mybo  
type of protection: IP65  
dosing time: 3 - 30sec.  
hose connector: 4x6mm

| fig. | order no. | pumped amount | supply  | application | hose type  | type      |
|------|-----------|---------------|---------|-------------|------------|-----------|
| 1    | 361379    | 4.0L/h        | 230V AC | detergent   | Santoprene | PDTM4.0   |
|      | 361380    | 4.0L/h        | 24V AC  | detergent   | Santoprene | PDTM4.024 |
| 2    | 361588*   | 1.0L/h        | 230V AC | rinse aid   | silicone   | PRTM1.0   |
|      | 361391*   | 1.4L/h        | 24V AC  | rinse aid   | silicone   | PBTM1.024 |

\* with integrated non return valve

## wall-mounted with double solenoid valve-control



**technical data:**  
type: Mybo  
type of protection: IP65  
hose connector: 4x6mm

| no. | order no. | pumped amount | supply  | application | hose type  | type       |
|-----|-----------|---------------|---------|-------------|------------|------------|
| 1   | 361587    | 3.3L/h        | 230V AC | detergent   | Santoprene | PDERM3.3   |
| 2   | 361378    | 4.0L/h        | 24V AC  | detergent   | Santoprene | PDERM4.024 |
| 3   | 361393    | 8.0L/h        | 24V AC  | detergent   | Santoprene | PDERM8.024 |



**technical data:**  
type: Protho  
type of protection: IP55  
hose connector: 4x6mm

| no. | order no. | pumped amount | supply  | application | hose type  | type      |
|-----|-----------|---------------|---------|-------------|------------|-----------|
| 1   | 361286    | 3.3L/h        | 230V AC | detergent   | Santoprene | PDER3.3   |
| 2   | 361402    | 8.0L/h        | 24V AC  | detergent   | Santoprene | PDER8.024 |

## wall-mounted with conductivity control



**technical data:**  
type: Protho  
type of protection: IP55  
hose connector: 4x6mm

| no. | order no. | pumped amount | supply  | application | hose type  | type     |
|-----|-----------|---------------|---------|-------------|------------|----------|
| 1   | 361287    | 3.3L/h        | 230V AC | detergent   | Santoprene | PDS3.3   |
| 2   | 361400    | 4.0L/h        | 230V AC | detergent   | Santoprene | PDS4.0   |
| 3   | 361403    | 8.0L/h        | 24V AC  | detergent   | Santoprene | PDS8.024 |

## wall-mounted twin pump

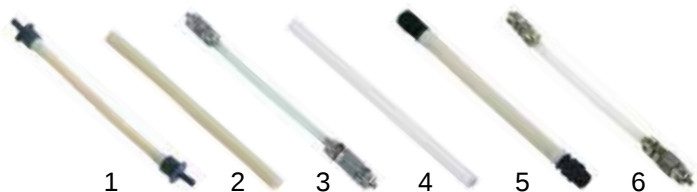


**technical data:**  
type: Mybo  
type of protection: IP65  
hose connector: 4x6mm  
detergent: conductivity control  
rinse aid: frequency control  
dimensions: W-200 D-110 H-150

| no. | order no. | pumped amount | supply  | application | hose type  | type        |
|-----|-----------|---------------|---------|-------------|------------|-------------|
| 1   | 361395    | 4.0L/h        | 230V AC | detergent   | Santoprene | PDS-BE4/1.4 |
|     |           | 1.4L/h*       |         | rinse aid   | silicone   |             |
| 2   | 361396    | 8.0L/h        | 24V AC  | detergent   | Santoprene | PDS-BE8/224 |
|     |           | 2.0L/h*       |         | rinse aid   | silicone   |             |

\* with integrated non return valve

## spare parts for peristaltic pumps BORES hoses



| fig. | order no. | pump type       | application | hose type       |
|------|-----------|-----------------|-------------|-----------------|
| 1    | 361130    | PERIOS          | detergent   | Santoprene 4x7  |
| 2    | 361128    |                 | detergent   | Santoprene 4x7  |
| 3    | 361129    |                 | rinse aid   | silicone 3x6    |
| 4    | 361127    |                 | rinse aid   | silicone 3x6    |
| 5    | 361290    | PROTHO/<br>MYBO | detergent   | Santoprene 7x10 |
| 6    | 361291    |                 | rinse aid   | silicone 3x7    |



| fig. | order no. | description     | hose type               | application             | pump type       |
|------|-----------|-----------------|-------------------------|-------------------------|-----------------|
| 1    | 361232    | roller assembly | Santoprene              | detergent               | PROTHO/<br>MYBO |
|      | 361233    | roller assembly | silicone                | rinse aid               | PROTHO/<br>MYBO |
|      | 361464    | roller assembly | Santoprene/<br>silicone | detergent/<br>rinse aid | PERIOS          |
| 2    | 361234    | housing         | Santoprene/<br>silicone | detergent/<br>rinse aid | PROTHO/MYBO     |



| fig. | order no. | description | hose type  | application | pump type   |
|------|-----------|-------------|------------|-------------|-------------|
| 1    | 361409    | front part  | Santoprene | detergent   | PROTHO/MYBO |
| 2    | 361410*   | front part  | silicone   | rinse aid   |             |

\* with integrated non return valve

## peristaltic pumps GERMAC

built-in version without control



**technical data:**  
hose connector: 4x1mm  
dimensions: W-55 D-70 H-88

| fig. | order no. | pumped amount | supply  | application | hose type     | type |
|------|-----------|---------------|---------|-------------|---------------|------|
| 1    | 361020    | 0.8L/h        | 230V AC | detergent   | thermoplastic | G80  |
|      | 361021    | 1.5L/h        | 230V AC | detergent   | thermoplastic | G150 |
|      | 361022    | 2.0L/h        | 230V AC | detergent   | thermoplastic | G200 |
|      | 361024    | 2.5L/h        | 230V AC | detergent   | thermoplastic | G250 |
| 2    | 361466    | 0.6L/h        | 230V AC | rinse aid   | silicone      | G80  |

## built-in version with frequency control



**technical data:**  
hose connector: 4x1mm  
dimensions: W-62 D-70 H-93

| fig. | order no. | pumped amount | supply  | application | hose type     | type |
|------|-----------|---------------|---------|-------------|---------------|------|
| 1    | 361472    | 0.8L/h        | 230V AC | detergent   | thermoplastic | G82  |
|      | 361619    | 1.5L/h        | 230V AC | detergent   | thermoplastic | G152 |
|      | 361267    | 2.0L/h        | 230V AC | detergent   | thermoplastic | G202 |
|      | 361620    | 2.5L/h        | 230V AC | detergent   | thermoplastic | G252 |
| 2    | 361266    | 0.6L/h        | 230V AC | rinse aid   | silicone      | G82  |

## built-in version with frequency control



**technical data:**  
hose connector: 4x1mm  
dimensions: W-67 D-72 H-101

| fig. | order no. | pumped amount | supply  | application | hose type     | type |
|------|-----------|---------------|---------|-------------|---------------|------|
| 1    | 361268    | 3.0L/h        | 230V AC | detergent   | thermoplastic | G300 |
|      | 361517    | 5.5L/h        | 230V AC | detergent   | thermoplastic | G305 |
| 2    | 361518    | 0.7L/h        | 230V AC | rinse aid   | silicone      | G302 |

## wall-mounted with frequency control



**technical data:**  
hose connector: 4x1mm  
dimensions: W-100 D-100 H-136

| fig. | order no. | pumped amount | supply  | application | hose type     | type |
|------|-----------|---------------|---------|-------------|---------------|------|
| 1    | 361275    | 3.0L/h        | 230V AC | detergent   | thermoplastic | G43  |
|      | 361276    | 5.5L/h        | 230V AC | detergent   | thermoplastic | G45  |
| 2    | 361516    | 0.7L/h        | 230V AC | rinse aid   | silicone      | G42  |

## wall-mounted with frequency and speed control



**technical data:**  
hose connector: 4x1mm  
dimensions: W-100 D-102 H-136

| no. | order no. | pumped amount | supply  | application | hose type     | type |
|-----|-----------|---------------|---------|-------------|---------------|------|
| 1   | 361277    | 9.0L/h        | 230V AC | detergent   | thermoplastic | G53  |
| 2   | 361278    | 13.0L/h       | 230V AC | detergent   | thermoplastic | G54  |

## wall-mounted with frequency and conductivity control



**technical data:**  
hose connector: 4x1mm  
dimensions: W-100 D-102 H-136

| no. | order no. | pumped amount | supply  | application | hose type     | type |
|-----|-----------|---------------|---------|-------------|---------------|------|
| 1   | 361279    | 14.0L/h       | 230V AC | detergent   | thermoplastic | G55  |

## wall-mounted twin pump with frequency control



**technical data:**  
hose connector: 4x1mm  
dimensions: W-125 D-106 H-180

| no. | order no. | pumped amount | supply  | application | hose type     | type |
|-----|-----------|---------------|---------|-------------|---------------|------|
| 1   | 361265    | 5.0L/h        | 230V AC | detergent   | thermoplastic | G600 |
|     |           | 0.6L/h        | 230V AC | rinse aid   | silicone      |      |

## spare parts for peristaltic pumps GERMAC



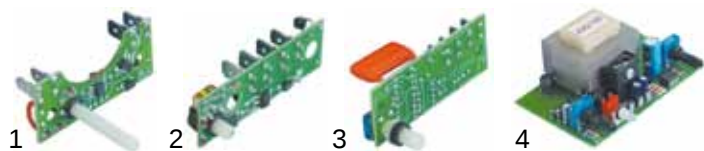
| fig. | order no. | hose type     | size (mm) | for type                      |
|------|-----------|---------------|-----------|-------------------------------|
| 1    | 361554    | thermoplastic | 5x8       | G200-G250-G252                |
|      | 361126    | thermoplastic | 5x8       | G80-G82-G150-G152-G202-G600   |
|      | 361467    | thermoplastic | 6.2x10.2  | G43-G45-G53-G54-G55-G300-G305 |
| 2    | 361060    | silicone      | 4x8       | G80-G82-G600                  |
|      | 361555    | silicone      | 4x8.6     | G42-G302                      |

## roller assemblies



| no. | order no. | description     | for type                                                              |
|-----|-----------|-----------------|-----------------------------------------------------------------------|
| 1   | 361263    | roller assembly | G80/G82 detergent, G150, G152, G200, G202, G250, G252, G600 detergent |
| 2   | 361264    | roller assembly | G80/G82 rinse aid, G600 rinse aid                                     |
| 3   | 361589    | roller assembly | G42, G43, G45, G53, G54, G55, G300, G302, G305                        |

## electronics



| fig. | order no. | description      | for type              |
|------|-----------|------------------|-----------------------|
| 1    | 361556    | electronic board | G82, G152, G202, G252 |
| 2    | 361557    | electronic board | G300, G302, G305      |
| 3    | 361558    | electronic board | G43, G45, G42         |
| 4    | 361559    | electronic board | G53, G54              |



| fig. | order no. | description      | for type |
|------|-----------|------------------|----------|
| 1    | 361560    | electronic board | G55      |
| 2    | 361561    | electronic board | G600     |

## peristaltic pumps GIADOS

built-in version without control



**technical data:**  
hose connector: 4x6mm  
dimensions: W-69 D-58-H-95mm

| fig. | order no. | pumped amount | supply  | application | hose type  | type |
|------|-----------|---------------|---------|-------------|------------|------|
| 1    | 361521    | 1.5L/h        | 230V AC | detergent   | Santoprene | 1206 |
|      | 361369    | 3.0L/h        | 230V AC | detergent   | Santoprene | 4880 |
| 2    | 361522    | 0.4L/h        | 230V AC | rinse aid   | silicone   | 5633 |

## built-in version with frequency control



**technical data:**  
hose connector: 4x6mm  
dimensions: W-69 D-75-H-116mm

| fig. | order no. | pumped amount | supply  | application | hose type  | type |
|------|-----------|---------------|---------|-------------|------------|------|
| 1    | 361523    | 0-1.5L/h      | 230V AC | detergent   | Santoprene | 6671 |
|      | 361524    | 0-3.0L/h      | 230V AC | detergent   | Santoprene | 6223 |
| 2    | 361525    | 0-0.4L/h      | 230V AC | rinse aid   | silicone   | 6449 |

## hoses



| fig. | order no. | hose type  | hose connector | application |
|------|-----------|------------|----------------|-------------|
| 1    | 361526    | Santoprene | 4x6mm          | detergent   |
| 2    | 361527    | silicone   | 4x6mm          | rinse aid   |

## peristaltic pumps PLAS-CONT

built-in version without control

Made in Germany



**technical data:**  
type: Konsta  
hose connector: 4x6mm  
type of protection: IPX0  
supply: 230V AC

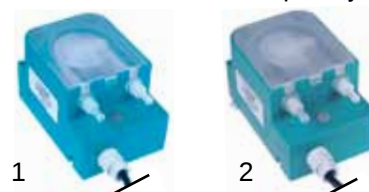
| fig. | order no. | pumped amount | application            | hose type  | type    |
|------|-----------|---------------|------------------------|------------|---------|
| 1    | 361706    | 1.5L/h        | detergent              | Santoprene | K PS10S |
|      | 361707    | 3.0L/h        | detergent              | Santoprene | K PS20S |
| 2    | 361708    | 1.5L/h        | detergent<br>rinse aid | Plasto-M   | K PS10m |



**technical data:**  
type: Konsta Plus  
hose connector: 4x6mm  
type of protection: IP42  
supply: 230V AC

| no. | order no. | pumped amount | application            | hose type  | type      |
|-----|-----------|---------------|------------------------|------------|-----------|
| 1   | 361709    | 1.5L/h        | detergent              | Santoprene | KP PS10GS |
|     | 361710    | 3.0L/h        | detergent              | Santoprene | KP PS20GS |
| 2   | 361711    | 1.5L/h        | detergent<br>rinse aid | Plasto-M   | KP PS10GM |

## built-in version with frequency control



**technical data:**  
type: Rego  
hose connector: 4x6mm  
type of protection: IP42  
supply: 230V AC

| fig. | order no. | pumped amount | application             | hose type  | type     |
|------|-----------|---------------|-------------------------|------------|----------|
| 1    | 361712    | 0.1-1.4L/h    | detergent               | Santoprene | R PS10RS |
|      | 361713    | 0.2-2.8L/h    | detergent               | Santoprene | R PS20RS |
| 2    | 361714    | 0.12-1.2L/h   | detergent/<br>rinse aid | Plasto-M   | R PS10RM |

## built-in version with conductivity control



**technical data:**  
type: Rego Plus  
hose connector: 4x6mm  
type of protection: IP42  
supply: 230V AC

| no. | order no. | pumped amount | application | hose type  | type          |
|-----|-----------|---------------|-------------|------------|---------------|
| 1   | 361715    | 3.0L/h        | detergent   | Santoprene | RP PS20RS1.61 |

## built-in version with single time control



**technical data:**  
type: Rego 1T  
hose connector: 4x6mm  
type of protection: IP42  
dosing time: 1-30sec.  
supply: 230V AC

| no. | order no. | pumped amount | application | hose type | type       |
|-----|-----------|---------------|-------------|-----------|------------|
| 1   | 361716    | 0.2-1.5L/h    | rinse aid   | Plasto-M  | R1T PS10RM |
| 2   | 361717    | 0.3-3.0L/h    | rinse aid   | Plasto-M  | R1T PS20RM |

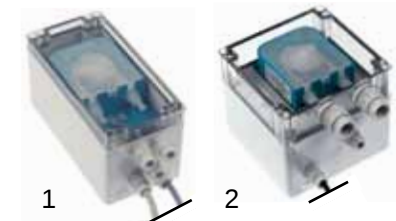
## wall-mounted with frequency control



**technical data:**  
type: Rego  
hose connector: 4x6mm  
type of protection: IP65  
supply: 230V AC

| fig. | order no. | pumped amount | application | hose type  | type       |
|------|-----------|---------------|-------------|------------|------------|
| 1    | 361718    | 0.1-1.4L/h    | rinse aid   | Plasto-M   | R PS10RMIP |
|      | 361719    | 0.2-2.8L/h    | detergent   | Plasto-M   | R PS20RMIP |
| 2    | 361720    | 0.5-6.0L/h    | detergent   | Santoprene | R PS40RSIP |

## wall-mounted with conductivity control



**technical data:**  
type: Rego Plus  
hose connector: 4x6mm  
type of protection: IP65  
supply: 230V AC

| fig. | order no. | pumped amount | application | hose type  | type        |
|------|-----------|---------------|-------------|------------|-------------|
| 1    | 361721    | 3.0L/h        | detergent   | Santoprene | RP PS20RSIP |
| 2    | 361722    | 6.0L/h        | detergent   | Santoprene | RP PS40RSIP |

## wall-mounted with two time controls



**technical data:**  
type: Rego 2T  
hose connector: 4x6mm  
type of protection: IP65  
dosing time:  
first filling: 3-270sec.  
second filling: 3-30sec.  
supply: 230V AC

| no. | order no. | pumped amount | application | hose type  | type         |
|-----|-----------|---------------|-------------|------------|--------------|
| 1   | 361733    | 0.5-6.0L/h    | detergent   | Santoprene | R2T PS40RNIP |

## wall-mounted twin pump with two time controls



**technical data:**  
type: Duo 2T  
hose connector: 4x6mm  
type of protection: IP65  
rinse aid pump: frequency control  
detergent pump: 2 times control  
dosing time:  
first filling: 3-270sec.  
second filling: 3-30sec.  
supply: 230V AC

| no. | order no. | pumped amount | application | hose type  | type      |
|-----|-----------|---------------|-------------|------------|-----------|
| 1   | 361734    | 0.2-1.4L/h    | rinse aid   | Plasto-M   | DU02T6.15 |
|     |           | 0.5-6.0L/h    | detergent   | Santoprene |           |

## wall-mounted twin pump with frequency control



**technical data:**  
type: Duo  
hose connector: 4x6mm  
type of protection: IP65  
supply: 230V AC

| no. | order no. | pumped amount | application | hose type  | type    |
|-----|-----------|---------------|-------------|------------|---------|
| 1   | 361723    | 0.2-1.4L/h    | rinse aid   | Plasto-M   | DU06.15 |
|     |           | 0.5-6.0L/h    | detergent   | Santoprene |         |

## wall-mounted twin pump with conductivity control



**technical data:**  
type: Duoplus  
hose connector: 4x6mm  
type of protection: IP65  
rinse aid pump: frequency control  
detergent pump: conductivity control  
supply: 230V AC

| no. | order no. | pumped amount | application | hose type  | type         |
|-----|-----------|---------------|-------------|------------|--------------|
| 1   | 361724    | 0.2-1.4L/h    | rinse aid   | Plasto-M   | DUO PLUS6.15 |
|     |           | 0.5-6.0L/h    | detergent   | Santoprene |              |

## spare parts for peristaltic pumps PLAST-CONT



| fig. | order no. | hose type  | application         |
|------|-----------|------------|---------------------|
| 1    | 361725    | Santoprene | detergent           |
| 2    | 361726    | silicone   | rinse aid           |
| 3    | 361727    | Plasto-M   | rinse aid/detergent |

## peristaltic pumps SAIER

wall-mounted with frequency regulation/two time controls

**Made in Germany**



### technical data:

hose connector: 6x2 or 6x3mm  
type of protection: IP65

duty cycle: 25%  
inlet level: 1.7m  
supply: 230V AC  
by frequency control:  
operation time: 0.25 - 2.5sec. settable  
break: 0.5 - 10sec. settable  
push button: fast forward button for filling  
supply after fluid change  
control by 2 time relay:  
(for machines with separate intake/rinse valve)  
time 1 (t1): short-time range approx. 5 - 50s  
long-time range approx. 40 - 400sec.  
time 2 (t2): regulable time relay,  
time range approx. 2-20sec.

| no. | order no. | pumped amount | application | type         | spare parts |
|-----|-----------|---------------|-------------|--------------|-------------|
| 1   | 361658    | 10L/h         | detergent   | DSP 9905 mcs | A, B, F     |

## wall-mounted with conductivity control



### technical data:

hose connector: 6x2 or 6x3mm  
type of protection: IP65  
duty cycle: 25%  
inlet level: 1.7m  
supply: 230V AC  
redosing monitoring: 25sec. - 10min settable

| no. | order no. | pumped amount | application | type        | spare parts |
|-----|-----------|---------------|-------------|-------------|-------------|
| 1   | 361659    | 10L/h         | detergent   | DSP9630 mcs | A, B, F     |

## wall-mounted with speed or time control



### technical data:

hose connector: 6x2 or 6x3mm  
type of protection: IP65  
duty cycle: 100%  
inlet level: 1.7m  
supply: 230V AC  
mode of operation 1: 0.15 - 3.0L/h  
mode of operation 2: 0.3 - 6.0L/h  
mode of operation 3: 1 - 60sec.

| no. | order no. | pumped amount | application | type         | spare parts |
|-----|-----------|---------------|-------------|--------------|-------------|
| 1   | 361660    | 6.0L/h        | detergent   | DSP 2010 mcs | A, B, F     |



### technical data:

hose connector: 6x2 or 6x3mm  
type of protection: IP65  
duty cycle: 100%  
inlet level: 1.7m  
supply: 230V AC  
mode of operation 1: 0.12 - 1.2L/h  
mode of operation 2: 0.12 - 2.4L/h  
mode of operation 3: 1 - 60sec.

| no. | order no. | pumped amount | application | type          | spare parts |
|-----|-----------|---------------|-------------|---------------|-------------|
| 1   | 361661*   | 2.4L/h        | rinse aid   | DDSP 2035 mcs | A, C        |

\* with integrated non return valve

## wall-mounted with conductivity regulation



### technical data:

hose connector: 5x1.5mm  
type of protection: IP65  
duty cycle: 100%  
inlet level: 1.7m  
supply: 230V AC

| no. | order no. | pumped amount | application | type           | spare parts |
|-----|-----------|---------------|-------------|----------------|-------------|
| 1   | 361662    | 6.0L/h        | detergent   | Compact L plus | A, D, G     |

## wall-mounted with speed or time control



### technical data:

hose connector: 5x1.5mm  
type of protection: IP65  
duty cycle: 100%  
inlet level: 1.7m  
supply: 230V AC  
mode of operation 1: 0.15 - 4.5L/h  
mode of operation 2: 1 til 60sec.

| no. | order no. | pumped amount | application | type      | spare parts |
|-----|-----------|---------------|-------------|-----------|-------------|
| 1   | 361663    | 4.5L/h        | detergent   | Compact R | A, D, G     |



### technical data:

hose connector: 5x1.5mm  
type of protection: IP65  
duty cycle: 100%  
inlet level: 1.7m  
supply: 230V AC  
mode of operation 1: 0.054 - 0.6L/h  
mode of operation 2: 1 til 60sec.

| no. | order no. | pumped amount | application | type      | spare parts |
|-----|-----------|---------------|-------------|-----------|-------------|
| 1   | 361664    | 0.6L/h        | rinse aid   | Compact K | A, E, H     |

## twin pump with conductivity control and speed or time control



### technical data:

see type:  
Compact L plus (detergent) and  
Compact K (rinse aid)  
supply: 230V AC

| no. | order no. | pumped amount    | application            | type          | spare parts   |
|-----|-----------|------------------|------------------------|---------------|---------------|
| 1   | 361665    | 6.0L/h<br>0.6L/h | detergent<br>rinse aid | Compact Duo L | A, D, E, G, H |

## twin pump with speed or time control



### technical data:

see type:  
Compact R (detergent) and  
Compact K (rinse aid)  
supply: 230V AC

| no. | order no. | pumped amount    | application            | type          | spare parts   |
|-----|-----------|------------------|------------------------|---------------|---------------|
| 1   | 361666    | 4.5L/h<br>0.6L/h | detergent<br>rinse aid | Compact Duo R | A, D, E, G, H |

## twin pump with time or conductivity control



**technical data:**  
 hose connector: 5x1.5mm  
 type of protection: IP65  
 duty cycle: 100%  
 inlet level: 1.7m  
 supply: 230V AC  
 mode of operation 1: conductivity regulation  
 mode of operation 2: time control  
 detergent 6 - 1200s  
 rinse aid 1 - 20sec.

| no. | order no. | pumped amount | application | type           | spare parts |
|-----|-----------|---------------|-------------|----------------|-------------|
| 1   | 361667    | 10.0L/h       | detergent   | DSPset 9701-II | A, B, C, F  |
|     |           | 3.0L/h*       | rinse aid   |                |             |

\* with integrated non return valve

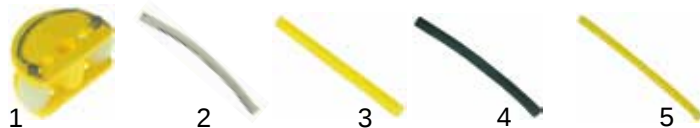
## built-in version without control



**technical data:**  
 hose connector: 5x1.5mm  
 duty cycle: 25%  
 supply: 230V AC

| no. | order no. | pumped amount | application | type     | spare parts |
|-----|-----------|---------------|-------------|----------|-------------|
| 1   | 361329    | 10L/h         | detergent   | DSP9911E | A, B, F     |

## spare parts for peristaltic pumps SAIER



| fig. | order no. | description             | spare parts |
|------|-----------|-------------------------|-------------|
| 1    | 361672    | roller assembly/ yellow | A           |
| 2    | 361332    | hose ø 4.8x1.6mm        | B           |
| 3    | 361673    | hose ø 4.8x2.4mm        | C           |
| 4    | 361674    | hose ø 5x1.5mm          | D           |
| 5    | 361670    | hose ø 3.2x1.6mm        | E           |



| fig. | order no. | description                              | spare parts |
|------|-----------|------------------------------------------|-------------|
| 1    | 361671    | hose coupling support/ yellow            | F           |
| 2    | 361675    | hose coupling support/ blue, ø 4.8x5.1mm | G           |
| 3    | 361676    | hose coupling support/ blue, 3.2-5x1.5mm | H           |

## accessories



| fig. | order no. | description                           |
|------|-----------|---------------------------------------|
| 1    | 361678    | non return valve 1/8", for hose 5x1.5 |
| 2    | 361677    | tank intake/ SS, M10, ø 5mm           |
| 3    | 361669    | electrode 3/8"                        |
| 4    | 361668    | electrode 2-pole                      |

## peristaltic pumps ASF/THOMAS

### built-in version without control



**Made in Germany**

**technical data:**  
 hose pump: SR25  
 note: only for short duty cycle  
 dimensions: W-63 D-124 H-101

| fig. | order no. | pumped amount | supply | application | hose type        | type    |
|------|-----------|---------------|--------|-------------|------------------|---------|
| 1    | 361324    | 4.0L/h        | 12V DC | detergent   | Pharmed 2.0x1.6  | SR10/50 |
|      | 361325    | 6.0L/h        | 12V DC | detergent   | Pharmed 2.4x1.6  | SR10/50 |
| 2    | 361330    | 4.0L/h        | 12V DC | rinse aid   | silicone 2.0x1.6 | SR10/50 |
|      | 361331    | 6.0L/h        | 12V DC | rinse aid   | silicone 2.5x1.6 | SR10/50 |



| no. | order no. | pumped amount | supply  | application | hose type      | type |
|-----|-----------|---------------|---------|-------------|----------------|------|
| 1   | 361248    | 2.0L/h        | 230V AC | detergent   | silicone 4x1.5 | SR25 |
| 2   | 361249    | 4.0L/h        | 230V AC | detergent   | silicone 4x1.5 | SR25 |
| 3   | 361271    | 6.0L/h        | 230V AC | detergent   | silicone 5x1.5 | SR25 |
| 4   | 361272    | 12.0L/h       | 230V AC | detergent   | silicone 4x1.5 | SR25 |

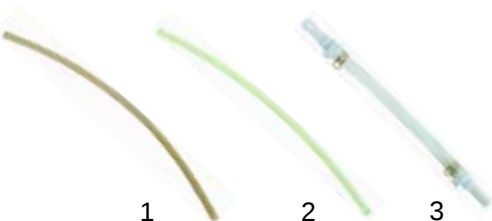
## spare parts for peristaltic pumps ASF/THOMAS



| fig. | order no. | description   | application    | for type |
|------|-----------|---------------|----------------|----------|
| 1    | 361326    | motor, 12V DC | universal      | SR10/50  |
| 2    | 361327    | body          | detergent 4L/h | SR10/50  |
|      | 361328    | body          | detergent 6L/h | SR10/50  |
| 3    | 361292    | body          | rinse aid 4L/h | SR10/50  |
|      | 361293    | body          | rinse aid 6L/h | SR10/50  |



| fig. | order no. | description     | application | for type |
|------|-----------|-----------------|-------------|----------|
| 1    | 361469    | roller assembly | 2/4/6L/h    | SR25     |
|      | 361470    | roller assembly | 12L/h       | SR25     |
| 2    | 361335    | run volume      | -           | SR25     |
| 3    | 361336    | latch           | -           | SR25     |



| fig. | order no. | description | type             | application | for type |
|------|-----------|-------------|------------------|-------------|----------|
| 1    | 361296    | hose        | Pharmed 2.0x1.6  | detergent   | SR10/50  |
|      | 361297    | hose        | Pharmed 2.4x1.6  | detergent   | SR10/50  |
| 2    | 361294    | hose        | silicone 2.0x1.6 | rinse aid   | SR10/50  |
|      | 361295    | hose        | silicone 2.5x1.6 | rinse aid   | SR10/50  |
| 3    | 361333    | hose        | silicone 4.0x1.5 | detergent   | SR25     |
|      | 361334    | hose        | silicone 5.0x1.5 | detergent   | SR25     |

## electric dosing pumps

built-in version without control

technical data:  
supply: 230V AC



| fig. | order no. | application | duty cycle | hose connector<br>ø input | hose connector<br>ø output | type  |
|------|-----------|-------------|------------|---------------------------|----------------------------|-------|
| 1    | 361004    | rinse aid   | 25%        | 5                         | 5                          | DB2   |
| 2    | 361013    | rinse aid   | 25%        | 4x6                       | 5                          | EKP-M |
| 3    | 361740    | rinse aid   | 25%        | 4x6                       | 5                          | EKP-M |
| 4    | 361005    | detergent   | 40%        | 5                         | 5                          | DS5   |
| 5    | 361026    | detergent   | 30%        | 5                         | 5                          | EV1   |

## spare parts

solenoid coils 230V AC



| fig. | order no. | description | fig. | order no. | description |
|------|-----------|-------------|------|-----------|-------------|
| 1    | 361113    | DB2         | 3    | 361365    | EV1         |
| 2    | 361114    | DS5         | 4    | 361482    | EKP-M       |

plug for solenoid coil



electronic controller



| fig. | order no. | description   | fig. | order no. | description       |
|------|-----------|---------------|------|-----------|-------------------|
| 1    | 371090    | DB2/EV1/EKP-M | 2    | 361366    | DB2/DS5/EV1/EKP-M |



| fig. | order no. | description             | for dosing device |
|------|-----------|-------------------------|-------------------|
| 1    | 510298    | lip valve               | DB2/DS5           |
| 2    | 361471    | pressure valve complete | EKP-M             |



| fig. | order no. | application         | duty cycle | valve   | type   |
|------|-----------|---------------------|------------|---------|--------|
| 1    | 361001    |                     | 100%       | lips    | DELTA  |
| 2    | 361023    | rinse aid detergent | 100%       | lips/SS | DELTA  |
| 3    | 361003    |                     | 10%        | lips    | ELT-10 |

## spare parts



| fig. | order no. | description        | for dosing device |
|------|-----------|--------------------|-------------------|
| 1    | 361122    | lip valve          | DELTA             |
| 2    | 361188    | disc               | DELTA             |
| 3    | 361168    | valve SS           | DELTA (361023)    |
| 4    | 361319    | gasket             | DELTA             |
| 5    | 361169    | connection fitting | DELTA             |
| 6    | 361123    | membranes          | DELTA             |
| 7    | 361053    | coil               | DELTA             |

## built-in version with frequency control



| no. | order no. | description   | supply  | application | type         |
|-----|-----------|---------------|---------|-------------|--------------|
| 1   | 361014    | dosing device | 230V AC | detergent   | EKP-R        |
| 2   | 361468    | dosing device | 230V AC | rinse aid   | Topmater N15 |

## spare parts



| fig. | order no. | description             | fig. | order no. | description |
|------|-----------|-------------------------|------|-----------|-------------|
| 1    | 361652    | union nut               | 3    | 361654    | hose tail   |
| 2    | 361653    | die ring                | 4    | 361655    | O-ring      |
| 5    | 361047    | pressure/ suction valve | 6    | 371090    | plug        |

## built-in version with electronic control



| fig. | order no. | description                         | supply  | application |
|------|-----------|-------------------------------------|---------|-------------|
| 1    | 361260    | dosing device                       | 230V AC | detergent   |
| 2    | 361261    | electronic controller/ conductivity | 230V AC | 361260      |

## membrane dosing pumps

### membrane dosing pumps LANG

dosing pumps N6 for rinse aid

Made in Germany

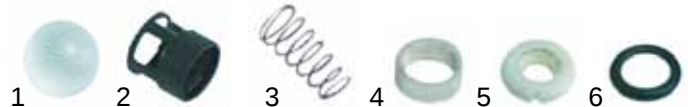


| fig. | order no. | pressure        | hose connector intake |
|------|-----------|-----------------|-----------------------|
| 1    | 361009    | straight, 4x6mm | straight, 4x6mm       |
| 2    | 361032    | elbow, 4x6mm    | elbow, 4x6mm          |
| 3    | 361575    | straight, 4x6mm | elbow, 6mm            |



| fig. | order no. | pressure        | hose connector intake |
|------|-----------|-----------------|-----------------------|
| 1    | 361221    | straight, 4x6mm | straight, 6x8mm       |
| 2    | 361008    | elbow, 4x6mm    | straight, M10x1, F    |

## spare parts for pump N6



| fig. | order no. | description               | fig. | order no. | description   |
|------|-----------|---------------------------|------|-----------|---------------|
| 1    | 361309    | ball                      | 5    | 361317    | sealing disc  |
| 2    | 361310    | ball guide                |      | 361311    | O-ring 2x6mm  |
| 3    | 361079    | ball spring               | 6    | 361085    | O-ring 2x8mm  |
| 4    | 361314    | retaining ring for O-ring |      | 361080    | O-ring 2x16mm |

## hose connection parts for pump N6



| fig. | order no. | description         | fig. | order no. | description     |
|------|-----------|---------------------|------|-----------|-----------------|
| 1    | 361315    | suction connection  | 3    | 361083    | union nut       |
| 2    | 361316    | pressure connection | 4    | 361473    | elbow connector |



| fig. | order no. | description        | fig. | order no. | description        |
|------|-----------|--------------------|------|-----------|--------------------|
| 1    | 101286    | olive              | 3    | 361076    | strengthening pipe |
| 2    | 361072    | union screw, M10x1 |      |           |                    |



| fig. | order no. | description            |
|------|-----------|------------------------|
| 1    | 361312    | ball guide adapter     |
| 2    | 361313    | spring holder adapter  |
| 3    | 361474    | pressure connection MS |
| 4    | 361475    | pressure connection SS |
| 5    | 361318    | hose adapter ø 6mm     |



| fig. | order no. | description      | fig. | order no. | description      |
|------|-----------|------------------|------|-----------|------------------|
| 1    | 361476    | elbow connection | 3    | 361086    | elbow connection |
| 2    | 361477    | elbow connection |      |           |                  |

## N5 for detergents



series N5 is discontinued, but interchangeable with N6

## spare parts for pump N5



| fig. | order no. | description  | fig. | order no. | description  |
|------|-----------|--------------|------|-----------|--------------|
| 1    | 361078    | poppet valve | 3    | 361079    | ball springs |
| 2    | 361077    | valve seal   |      |           |              |



| fig. | order no. | description        |
|------|-----------|--------------------|
| 1    | 361076    | strengthening pipe |
| 2    | 361085    | O-ring 2x8mm       |

| fig. | order no. | description   |
|------|-----------|---------------|
| 3    | 361080    | O-ring 2x16mm |



| fig. | order no. | description                |
|------|-----------|----------------------------|
| 1    | 361082    | intake/pressure connection |
| 2    | 361083    | union nut                  |

| fig. | order no. | description                |
|------|-----------|----------------------------|
| 3    | 361081    | intake/pressure connection |



| fig. | order no. | description                |
|------|-----------|----------------------------|
| 1    | 361084    | intake/pressure connection |

| fig. | order no. | description      |
|------|-----------|------------------|
| 2    | 361086    | elbow connection |

## membrane dosing pumps SEKO



| fig. | order no. | hose connector (mm)<br>intake | hose connector (mm)<br>pressure | pumped amount     | type  |
|------|-----------|-------------------------------|---------------------------------|-------------------|-------|
| 2    | 361590    | 4x6                           | 4x6                             | 0-3cm³ per stroke | DIB3E |
| 3    | 361594    | 4x6                           | 4x6                             | 0-3cm³ per stroke | DIB3E |



| fig. | order no. | hose connector (mm)<br>intake | hose connector (mm)<br>pressure | pumped amount     | type  |
|------|-----------|-------------------------------|---------------------------------|-------------------|-------|
| 2    | 361364    | -                             | 4x6                             | 0-5cm³ per stroke | DIB5E |

## spare parts for SEKO



| fig. | order no. | description    | for dosing device |
|------|-----------|----------------|-------------------|
| 1    | 361301    | hose connector | DIB3E/DIB5E       |
| 2    | 361302    | valve bush     | DIB3E/DIB5E       |
| 3    | 361481    | lip valve      | DIB3E/DIB5E       |
| 4    | 361304    | O-ring         | DIB3E/DIB5E       |



| fig. | order no. | description | for dosing device |
|------|-----------|-------------|-------------------|
| 1    | 361305    | valve disc  | DIB3E/DIB3E/DIB5E |
| 2    | 361306    | membrane    | DIB3E             |
| 3    | 361307    | membrane    | DIB5E             |

## accessories



| fig. | order no. | description        |
|------|-----------|--------------------|
| 1    | 361240    | hose adapter ø 6mm |
| 2    | 361241    | hose adapter ø 8mm |

## various



| fig. | order no. | hose connector (mm)<br>pressure | hose connector (mm)<br>intake | type |
|------|-----------|---------------------------------|-------------------------------|------|
| 2    | 361015    | 4x6                             | 6x8                           | B    |



| fig. | order no. | hose connector (mm)<br>pressure | hose connector (mm)<br>intake | type |
|------|-----------|---------------------------------|-------------------------------|------|
| 2    | 361370    | 4x6mm                           | 4x6mm                         | D    |
| 3    | 361769    | ø6mm                            | ø6mm                          | D    |

## spare parts for various pumps



| fig. | order no. | description | for dosing pump type |
|------|-----------|-------------|----------------------|
| 1    | 361307    | membranes   | D                    |
| 2    | 510297    | membranes   | A                    |
| 3    | 361132    | membranes   | B                    |
| 4    | 510298    | lip valve   | A, B                 |



| fig. | order no. | description   | for dosing pump type |
|------|-----------|---------------|----------------------|
| 1    | 510847    | gasket        | A                    |
| 2    | 510870    | filter holder | A                    |
| 3    | 510916    | filter        | A                    |
| 4    | 510338    | union nut     | A                    |
| 5    | 510299    | hose adapter  | A                    |

## MODULAR



| fig. | order no. | hose connector (mm) |        |  |
|------|-----------|---------------------|--------|--|
|      |           | pressure            | intake |  |
| 1    | 361731    | 8mm                 | 4mm    |  |

## membrane dosing pumps with auxiliary pressure connection

### LANG

dosing pumps N8

Made in Germany



| fig. | order no. | application | hose connector (mm) |          |            | type |
|------|-----------|-------------|---------------------|----------|------------|------|
|      |           |             | intake              | pressure | supporting |      |
| 1    | 361011    | rinse aid   | 8                   | 4x6      | 8          | N84  |
| 2    | 361012    | detergent   | 8                   | 8        | 8          | N83  |

## spare parts



| fig. | order no. | application         | type |
|------|-----------|---------------------|------|
| 1    | 361138    | pressure connection | N84  |
| 2    | 361139    | suction connection  | N83  |

### SEKO

dosing pumps for rinse aid



| fig. | order no. | hose connector (mm) |          |            | pumped amount     | type  |
|------|-----------|---------------------|----------|------------|-------------------|-------|
|      |           | intake              | pressure | supporting |                   |       |
| 1    | 361218    | 4x6                 | 4x6      | 10         | 0-3cm³ per stroke | DIB3P |
| 2    | 361039    | 4x6                 | 4x6      | 10         | 0-5cm³ per stroke | DIB5P |



| fig. | order no. | description    | for dosing device |
|------|-----------|----------------|-------------------|
| 1    | 361301    | hose connector | DIB3P/DIB5P       |
| 2    | 361302    | valve bush     | DIB3P/DIB5P       |
| 3    | 361481    | lip valve      | DIB3P/DIB5P       |
| 4    | 361304    | O-ring         | DIB3P/DIB5P       |



| fig. | order no. | description | for dosing device |
|------|-----------|-------------|-------------------|
| 1    | 361305    | valve disc  | DIB3P/DIB5P       |
| 2    | 361306    | membrane    | DIB3P             |
| 3    | 361307    | membrane    | DIB5P             |

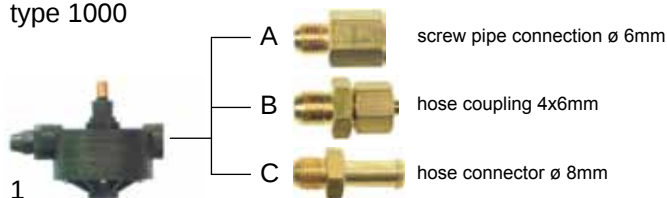
## accessories



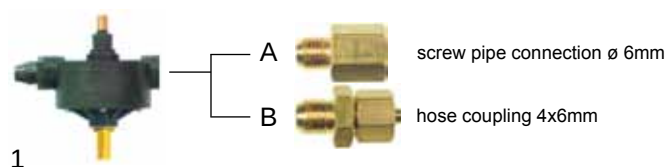
| fig. | order no. | description        |
|------|-----------|--------------------|
| 1    | 361240    | hose adapter ø 6mm |
| 2    | 361241    | hose adapter ø 8mm |

### GERMAC

type 1000

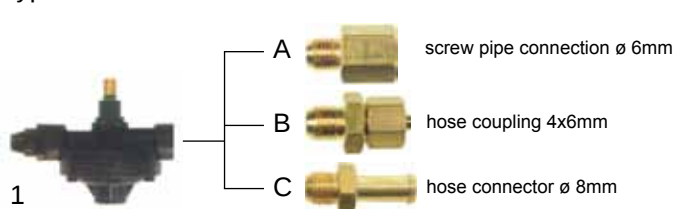


| fig. | order no. | non return ball | spring (mm) | type   |
|------|-----------|-----------------|-------------|--------|
| 1A   | 361485    | SS              | 1           | VNR/A  |
|      | 361016    | teflon          | 1           | VNR/A1 |
|      | 361520    | teflon          | 1.2         | VNR/A2 |
| 1B   | 361017    | teflon          | 1           | VNR/U2 |
|      | 361529    | teflon          | 1.2         | VNR/U2 |
| 1C   | 361528    | teflon          | 1           | VNR/D  |

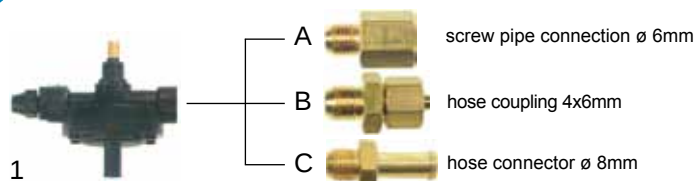


| fig. | order no. | non return ball | spring (mm) | type   |
|------|-----------|-----------------|-------------|--------|
| 1A   | 361519    | teflon          | 1           | VNR/A3 |
| 1B   | 361486    | teflon          | 1           | VNR/U3 |

## type 2000

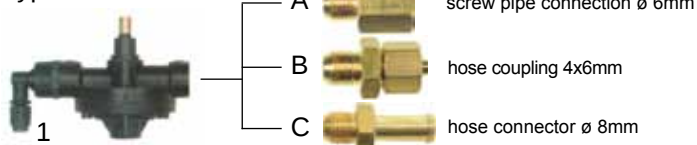


| fig. | order no. | non return ball | spring (mm) | type   |
|------|-----------|-----------------|-------------|--------|
| 1A   | 361531    | SS              | 1           | VNR/A  |
|      | 361532    | teflon          | 1           | VNR/A1 |
|      | 361533    | teflon          | 1.2         | VNR/A2 |
| 1B   | 361537    | teflon          | 1           | VNR/U1 |
|      | 361548    | teflon          | 1.2         | VNR/U2 |
| 1C   | 361547    | teflon          | 1           | VNR/D1 |

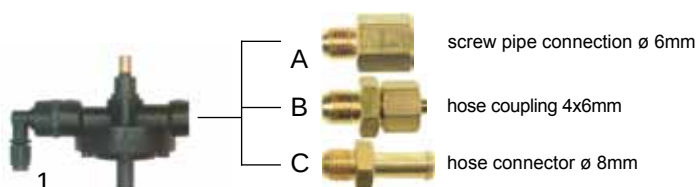


| fig. | order no. | non return ball | spring (mm) | type   |
|------|-----------|-----------------|-------------|--------|
| 1A   | 361534    | teflon          | 1           | VNR/A3 |
| 1B   | 361535    | teflon          | 1           | VNR/U3 |
| 1C   | 361536    | teflon          | 1           | VNR/D3 |

## type 2001



| fig. | order no. | non return ball | spring (mm) | type   |
|------|-----------|-----------------|-------------|--------|
|      | 361538    | SS              | 1           | VNR/A  |
| 1A   | 361539    | teflon          | 1           | VNR/A1 |
|      | 361540    | teflon          | 1.2         | VNR/A2 |
|      | 361541    | teflon          | 1           | VNR/U1 |
| 1B   | 361542    | teflon          | 1.2         | VNR/U2 |
| 1C   | 361543    | teflon          | 1           | VNR/D1 |



| fig. | order no. | non return ball | spring (mm) | type   |
|------|-----------|-----------------|-------------|--------|
| 1A   | 361544    | teflon          | 1           | VNR/A3 |
| 1B   | 361545    | teflon          | 1           | VNR/U3 |
| 1C   | 361546    | teflon          | 1           | VNR/D3 |

## spare parts for GERMAC 1000/2000/2001



| fig. | order no. | description                              |
|------|-----------|------------------------------------------|
| 1    | 361550    | suction valve for hose 4x6mm             |
| 2    | 361700    | elbow connector for hose 4x6mm           |
| 3    | 361701    | hose fitting M10x1, ø 7.5mm              |
| 4    | 361702    | hose fitting for hose 4x6mm              |
| 5    | 361703    | screw connection M10x1 for pipe CU 4x1mm |



| fig. | order no. | description                   |
|------|-----------|-------------------------------|
| 1    | 361704    | hose fitting M12x1, ø 11mm    |
| 2    | 361705    | gasket for hose fitting M12x1 |
| 3    | 510298    | lip valve                     |
| 4    | 361551    | spring 1mm                    |
| 4    | 361552    | spring 1.2mm                  |
| 5    | 510296    | membranes (silicone)          |
| 6    | 361553    | membranes (EPDM)              |

## HOONVED



| fig. | order no. | application | intake | hose connector (mm)<br>pressure supporting pressure |
|------|-----------|-------------|--------|-----------------------------------------------------|
| 1    | 361010    | rinse aid   | 4      | 4x6 10                                              |
| 2    | 361387    | rinse aid   | 4      | 8 10                                                |
| 3    | 361383    | lip valve   | -      | - -                                                 |
| 4    | 361384    | membranes   | -      | - -                                                 |

## IME



| fig. | order no. | application | intake | hose connector (mm)<br>pressure supporting pressure |
|------|-----------|-------------|--------|-----------------------------------------------------|
| 1    | 361018    | rinse aid   | 6      | 6 18                                                |
| 2    | 361054    | rinse aid   | 6      | 6 10                                                |

## spare parts



| fig. | order no. | description | fig. | order no. | description |
|------|-----------|-------------|------|-----------|-------------|
| 1    | 361348    | lip valve   | 2    | 361308    | membranes   |

## RANCILIO



| fig. | order no. | application      | intake | hose connector<br>pressure supporting pressure |
|------|-----------|------------------|--------|------------------------------------------------|
| 1    | 361427    | rinse aid        | ø 4mm  | 1/4" ø 10mm                                    |
| 2    | 361323    | rinse aid        | ø 4mm  | ø 8mm ø 10mm                                   |
| 3    | 361426    | non return valve | -      | - -                                            |
| 4    | 361349    | membranes        | -      | - -                                            |

## ELETTROBAR



| fig. | order no. | description | fig. | order no. | description |
|------|-----------|-------------|------|-----------|-------------|
| 1    | 361362    | doser       | 3    | 510298    | lip valve   |
| 2    | 361363    | membranes   |      |           |             |

## DIHR



| fig. | order no. | application | hose connector (mm) |          |                     |
|------|-----------|-------------|---------------------|----------|---------------------|
|      |           |             | intake              | pressure | supporting pressure |
| 1    | 361744    | rinse aid   | 4                   | 8        | 10                  |

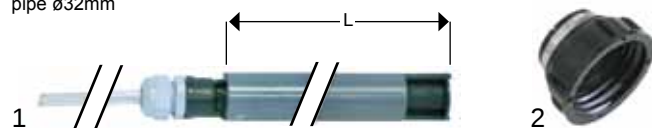
## accessories for dosing pumps

### chemical suction tubes



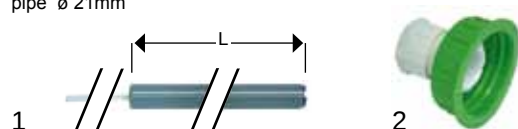
| no. | order no. | L (mm) | cable length (mm) | contact with empty tank | hose connector (mm) |
|-----|-----------|--------|-------------------|-------------------------|---------------------|
| 1   | 361581    | 345    | 1500              | NO                      | 6x8                 |
| 2   | 361582    | 345    | 1500              | NC                      | 6x8                 |
| 3   | 361262    | 445    | 1500              | NO                      | 6x8                 |
| 4   | 361583    | 445    | 1500              | NC                      | 6x8                 |
| 5   | 361584    | 545    | 1500              | NO                      | 6x8                 |
| 6   | 361585    | 545    | 1500              | NC                      | 6x8                 |

pipe ø32mm



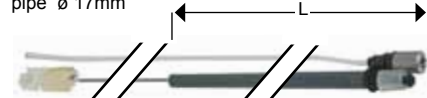
| fig. | order no. | L (mm)                 | cable length (mm) | contact with empty tank | hose connector (mm) |
|------|-----------|------------------------|-------------------|-------------------------|---------------------|
| 1    | 361115    | 530                    | without           | without                 | 6x8                 |
|      | 361116    | 530                    | 4500              | NO                      | 6x8                 |
|      | 361120    | 790                    | without           | without                 | 6x8                 |
|      | 361121    | 790                    | 4500              | NO                      | 6x8                 |
| 2    | 361117    | intake lancette fixing |                   |                         |                     |

pipe ø 21mm

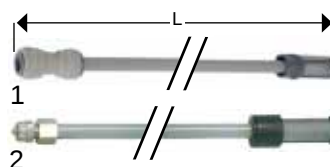


| fig. | order no. | L (mm)                 | cable length (mm) | contact with empty tank | hose connector (mm) |
|------|-----------|------------------------|-------------------|-------------------------|---------------------|
| 1    | 361164    | 500                    | without           | without                 | 6x8                 |
|      | 361165    | 500                    | 2500              | NC                      | 6x8                 |
| 2    | 361166    | intake lancette fixing |                   |                         |                     |

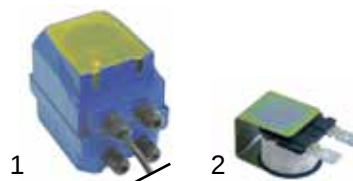
pipe ø 17mm



| no. | order no. | L (mm) | cable length (mm) | contact with empty tank | hose connector (mm) |
|-----|-----------|--------|-------------------|-------------------------|---------------------|
| 1   | 361368    | 400    | 1500              | NO                      | 6x8                 |



| fig. | order no. | L (mm) | hose connector (mm) |
|------|-----------|--------|---------------------|
| 1    | 361413    | 455    | 6x9                 |
|      | 361412    | 455    | 4x6                 |
| 2    | 361118    | 440    | 4x6                 |



| fig. | order no. | connection | description        |
|------|-----------|------------|--------------------|
| 1    | 361148    | 230V AC    | bottle empty alarm |
| 2    | 350050    | 230V AC    | buzzer             |

## container filter



| fig. | order no. | ø for hose (mm) |
|------|-----------|-----------------|
| 1    | 513043    | 4               |
| 2    | 361251    | 4               |
| fig. | order no. | ø for hose (mm) |
| 3    | 361062    | 4               |

## container filter with weight



| fig. | order no. | ø for hose (mm) |
|------|-----------|-----------------|
| 1    | 361141    | 4x6             |
| 2    | 361230    | 4x6             |
| fig. | order no. | ø for hose (mm) |
| 3    | 361462    | 4x6             |
| 4    | 361728    | 4x6             |

## container filter with weight and non return valves



| fig. | order no. | ø for hose (mm) | type       |
|------|-----------|-----------------|------------|
| 1    | 361231    | 4x6             | lip valve  |
| 2    | 361058    | 4x6             | lip valve  |
| 3    | 361106    | 4x6             | lip valve  |
| 4    | 361411    | 6x8             | lip valve  |
| 5    | 361066    | 4x6             | ball valve |

## tank inlets, plastic



| fig. | order no. | ø for hose (mm) | thread |
|------|-----------|-----------------|--------|
| 1    | 361057    | 4x6             | M10    |
| 2    | 361105    | 4x6             | M10    |
| 3    | 508301    | 4x6             | M9x1.5 |

## tank inlets SS



| fig. | order no. | for hose ø (mm) | mounting ø (mm) |
|------|-----------|-----------------|-----------------|
| 1    | 361270    | 4               | 12              |
| 2    | 361416    | 6               | 12              |
| 3    | 361656    | 4               | 10              |
| 4    | 361677    | 5               | 10              |
| 5    | 361730    | 4/5             | 10              |

## non return valves

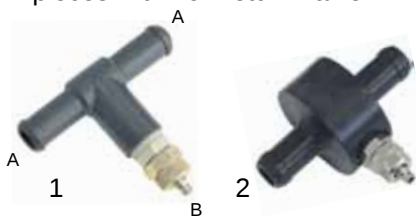


| fig. | order no. | connection side A | connection side B |
|------|-----------|-------------------|-------------------|
| 1    | 361147    | 4x6mm             | 1/8"              |
| 2    | 361488    | 4x6mm             | 1/8"              |
| 3    | 361678    | 5x1.5mm           | 1/8"              |
| 4    | 508326    | 4x6mm             | M10x1             |
| 5    | 361489    | 6mm               | 4x6mm             |



| fig. | order no. | connection side A | connection side B  |
|------|-----------|-------------------|--------------------|
| 1    | 361578    | 6mm               | 4x6mm              |
| 2    | 361104    | 4x6mm             | 4x6mm              |
| 3    | 361729    | 4mm               | 1/4" inner         |
| 4    | 361732    | 4mm               | 1/4" inner/4mm/8mm |

## T-pieces with non return valve



| fig. | order no. | connection side A | connection side B |
|------|-----------|-------------------|-------------------|
| 1    | 361103    | 10                | 4x6               |
| 2    | 361415    | 13                | 4x6               |

## T-pieces without non return valve



| fig. | order no. | connection side A | connection side B |
|------|-----------|-------------------|-------------------|
| 1    | 361107    | 10                | 4x6               |
| 2    | 505086    | 10                | 4                 |
| 3    | 510843    | 10                | 6                 |
| 4    | 361490    | 10                | 8                 |
| 5    | 361491    | 12                | 6                 |



| fig. | order no. | connection side A | connection side B |
|------|-----------|-------------------|-------------------|
| 1    | 361492    | 12mm              | 8mm               |
| 2    | 519217    | 12mm              | 9mm               |
| 3    | 516082    | 12mm              | 7mm               |
| 4    | 361189    | 12mm              | 1/8"              |



| fig. | order no. | description | connection side A (mm) | connection side B (mm) |
|------|-----------|-------------|------------------------|------------------------|
| 1    | 512093    | t-fitting   | 12                     | 4                      |
| 2    | 361083    | union nut   |                        |                        |
| 3    | 508123    | t-fitting   | 13                     | 5                      |
| 4    | 508116    | union nut   |                        |                        |

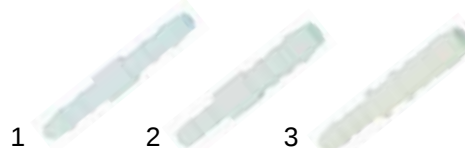
## plastic screw connections



| fig. | order no. | connection side A (mm) | connection side B (mm) |
|------|-----------|------------------------|------------------------|
| 1    | 361090    | 4x6                    | M10x1                  |
|      | 361091    | 6x8                    | M10x1                  |
| 2    | 361092    | 4x6                    | M10x1                  |
|      | 361093    | 6x8                    | M10x1                  |
| 3    | 361094    | 4x6                    | 4x6                    |
|      | 361096    | 4x6                    | 6x8                    |



| fig. | order no. | connection side A | connection side B |
|------|-----------|-------------------|-------------------|
| 1    | 361240    | 6mm               | M10x1             |
| 2    | 361241    | 8mm               | M10x1             |
| 3    | 361493    | 6 and 8mm         | 1/8"              |



| fig. | order no. | connection side A (mm) | connection side B (mm) |
|------|-----------|------------------------|------------------------|
|      | 361494    | 4                      | 4                      |
| 1    | 361495    | 6                      | 6                      |
|      | 361496    | 8                      | 8                      |
| 2    | 361497    | 4                      | 6                      |
|      | 361498    | 4                      | 8                      |
| 3    | 361499    | 6                      | 8                      |

## screw connections brass nickle-plated



| fig. | order no. | connection  |        |
|------|-----------|-------------|--------|
|      |           | side A (mm) | side B |
| 1    | 361170    | 4x6         | 1/8"   |
|      | 361171    | 4x6         | 1/4"   |
|      | 361172    | 4x6         | 3/8"   |
|      | 361500    | 6x8         | 1/8"   |
|      | 361501    | 6x8         | 1/4"   |
|      | 361502    | 6x8         | 3/8"   |
| 2    | 361173    | 4x6         | 1/8"   |
|      | 361174    | 4x6         | 1/4"   |
|      | 361175    | 4x6         | 3/8"   |
|      | 361503    | 6x8         | 1/8"   |
|      | 361504    | 6x8         | 1/4"   |
|      | 361505    | 6x8         | 3/8"   |
| 3    | 361178    | 4x6         | 1/8"   |
|      | 361179    | 4x6         | 1/4"   |
|      | 361506    | 6x8         | 1/8"   |
|      | 361507    | 6x8         | 1/4"   |

## screw connections brass nickle-plated



| fig. | order no. | connection |        |
|------|-----------|------------|--------|
|      |           | side A     | side B |
| 1    | 361176    | 4x6mm      | 4x6mm  |
|      | 361508    | 6x8mm      | 6x8mm  |
| 2    | 361177    | 4x6mm      | 4x6mm  |
|      | 361509    | 6x8mm      | 6x8mm  |
| 3    | 361104    | 4x6mm      | 4x6mm  |
|      | 361180    | 4x6mm      | 4x6mm  |
| 4    | 361510    | 6x8mm      | 6x8mm  |
|      | 361181    | nut        | 1/8"   |
| 5    | 361182    | nut        | 1/4"   |
|      | 361183    | nut        | 3/8"   |

## electrodes for conductivity control



| fig. | order no. | mounting ø (mm) | fig. | order no. | mounting ø (mm) |
|------|-----------|-----------------|------|-----------|-----------------|
| 1    | 361068    | 12              | 4    | 361669    | 17              |
| 2    | 361579    | 17              | 5    | 361149    | 21              |
| 3    | 361274    | 17              | 6    | 361414    | 22              |

## hoses (PVC)



| fig. | order no. | size (mm) | Qty (m) | fig. | order no. | size (mm) | Qty (m) |
|------|-----------|-----------|---------|------|-----------|-----------|---------|
|      | 520090    | 4x6       | 2       |      | 520279    | 6x9       | 2       |
|      | 520026    | 4x6       | 10      |      | 520029    | 6x9       | 10      |
|      | 570026    | 4x6       | 100     | 1    | 570029    | 6x9       | 100     |
|      | 520027    | 4x7       | 10      |      | 520022    | 8x12      | 10      |
|      | 570027    | 4x7       | 100     |      | 570022    | 8x12      | 100     |
| 1    | 520380    | 5x7       | 2       |      | 520383    | 4x6       | 2       |
|      | 520046    | 5x7       | 10      |      | 520384    | 4x6       | 10      |
|      | 570046    | 5x7       | 100     | 2    | 520381    | 5x8       | 2       |
|      | 520278    | 6x8       | 2       |      | 520382    | 5x8       | 10      |
|      | 520028    | 6x8       | 10      |      | 570381    | 5x8       | 100     |
|      | 570028    | 6x8       | 100     |      |           |           |         |

## hoses PA (nylon)



| no. | order no. | size (mm) | Qty (m) | no. | order no. | size (mm) | Qty (m) |
|-----|-----------|-----------|---------|-----|-----------|-----------|---------|
| 1   | 520091    | 4x6       | 2       | 4   | 520252    | 6x8       | 5       |
| 2   | 520031    | 4x6       | 5       | 5   | 520253    | 6x8       | 50      |
| 3   | 520251    | 4x6       | 50      |     |           |           |         |

## hoses PVC braided



| no. | order no. | size (mm) | Qty (m) | no. | order no. | size (mm) | Qty (m) |
|-----|-----------|-----------|---------|-----|-----------|-----------|---------|
| 1   | 520018    | 4x10      | 5       | 3   | 520019    | 6x12      | 5       |
| 2   | 570018    | 4x10      | 50      | 4   | 570020    | 6x12      | 50      |

## peristaltic pump hoses (silicone)



| no. | order no. | size (mm) | Qty (m) | no. | order no. | size (mm) | Qty (m) |
|-----|-----------|-----------|---------|-----|-----------|-----------|---------|
| 1   | 361601    | 2.0x5.2   | 5       | 6   | 361606    | 4.0x7.0   | 5       |
| 2   | 361602    | 2.5x5.7   | 5       | 7   | 361607    | 4.0x7.2   | 5       |
| 3   | 361603    | 3.0x5.0   | 5       | 8   | 361608    | 4.0x8.0   | 5       |
| 4   | 361604    | 3.0x6.0   | 5       | 9   | 361609    | 5.0x8.0   | 5       |
| 5   | 361605    | 3.0x7.0   | 5       | 10  | 361610    | 5.0x9.0   | 5       |

## peristaltic pump hoses (Santoprene)



| no. | order no. | size (mm) | Qty (m) | no. | order no. | size (mm) | Qty (m) |
|-----|-----------|-----------|---------|-----|-----------|-----------|---------|
| 1   | 361631    | 2.4x5.6   | 5       | 6   | 361636    | 4.0x8.0   | 5       |
| 2   | 361632    | 3.0x5.0   | 5       | 7   | 361637    | 5.0x8.0   | 5       |
| 3   | 361633    | 3.2x6.4   | 5       | 8   | 361638    | 6.0x9.0   | 5       |
| 4   | 361634    | 4.0x6.0   | 5       | 9   | 361639    | 6.0x10    | 5       |
| 5   | 361635    | 4.0x7.0   | 5       | 10  | 361640    | 7.0x10    | 5       |

## installation sets



**content:**  
2x hoses PVC 2m, 4x6mm  
1x container filter  
1x tank intake

| no. | order no. | description         |
|-----|-----------|---------------------|
| 1   | 361142    | detergent set 4x6mm |



**content:**  
2x hoses PVC 2m, 6x9mm  
1x container filter  
1x tank intake  
1x electrode

| no. | order no. | description         |
|-----|-----------|---------------------|
| 1   | 361512    | detergent set 6x9mm |



**content:**  
2x hoses PVC 2m, 6x9mm  
1x container filter  
1x tank intake

| no. | order no. | description         |
|-----|-----------|---------------------|
| 1   | 361511    | detergent set 6x9mm |



**content:**  
hoses PVC 2m, 4x6mm  
hose nylon 2m, 4x6mm  
1x container filter  
1x non return valve

| no. | order no. | description                         |
|-----|-----------|-------------------------------------|
| 1   | 361144    | rinse aid set with non return valve |



**content:**  
2x hoses PVC 2m, 4x6mm  
1x container filter  
1x tank intake  
1x electrode

| no. | order no. | description         |
|-----|-----------|---------------------|
| 1   | 361143    | detergent set 4x6mm |