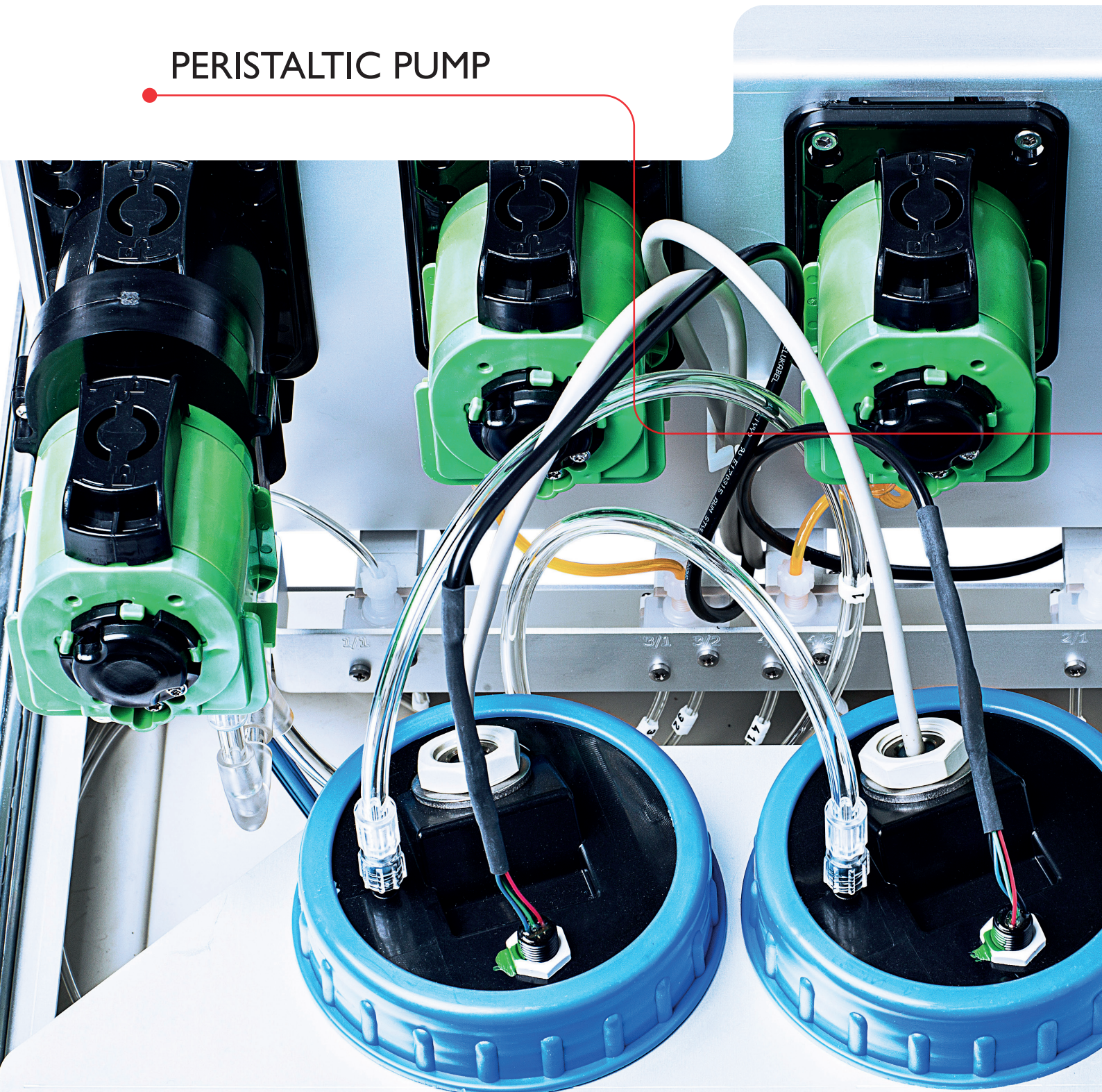


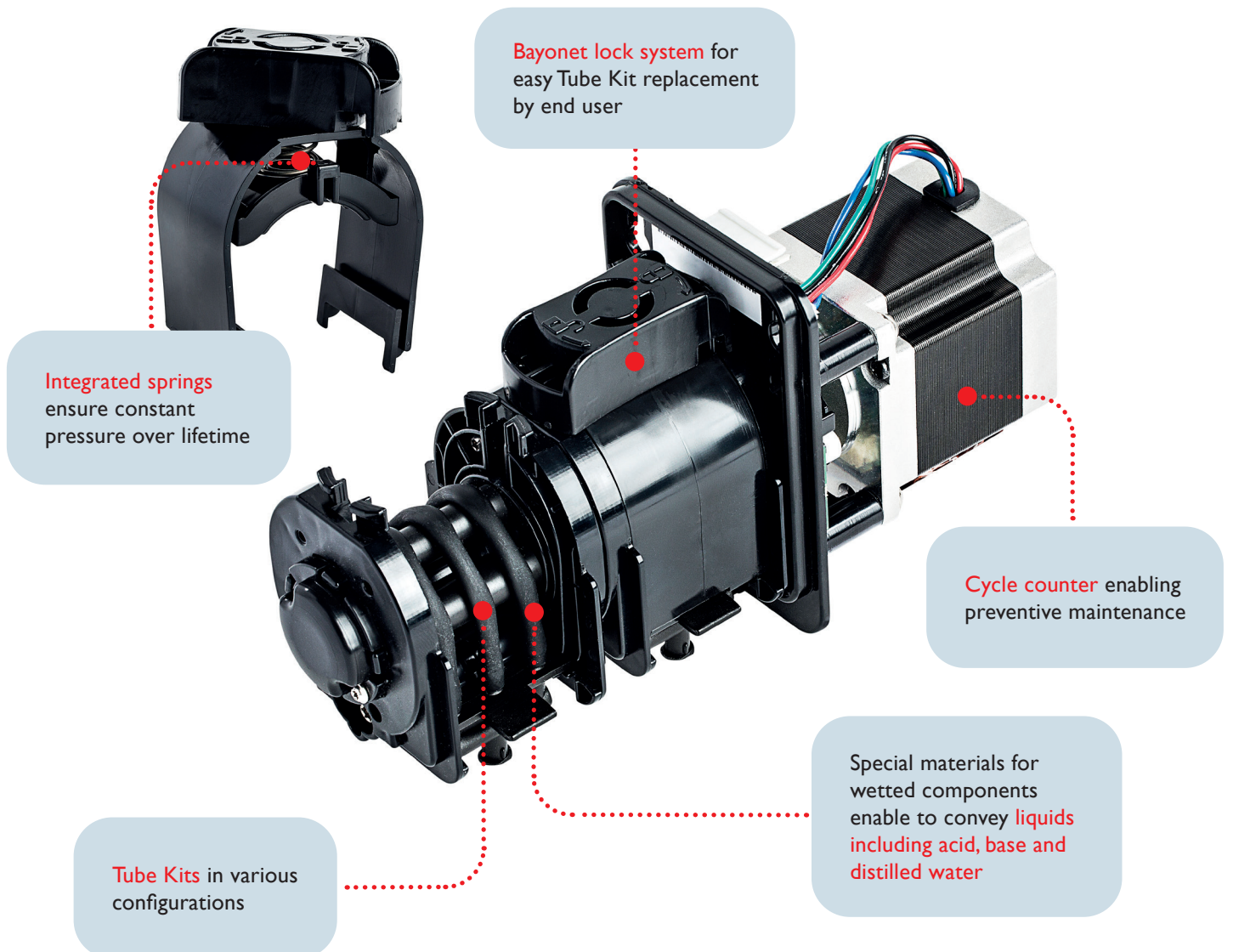
PERISTALTIC PUMP



PERISTALTIC PUMP

Peristaltic pumps are highly convenient for handling problematic liquids, especially waste. Tube Kits are the only components getting in contact with the transferred media, ensuring a strict separation of mechanics and fluids. Highest flexibility is granted by equipping the pump with up to three cassettes. Each cassette includes a Tube Kit with up to three channels. Pressure shoes contain springs ensuring constant pressure independent from the cassette configuration and the number of channels over lifetime.

Granting highest volume and application flexibility
Reduced service and maintenance costs for end user
Configurable system depending on application





Gearbox enables mixing and dilution applications

TUBE KITS

| Configuration | | Number of Channels | Number of inlets/outlets |
|-------------------------|--|--------------------|--------------------------|
| 1/1 Tube Kit 3 Channels | | 3 | 1/1 |
| 3/3 Tube Kit 3 Channels | | 3 | 3/3 |
| 1/3 Tube Kit 3 Channel | | 3 | 1/3 |
| 2/2 Tube Kit 2 Channel | | 2 | 2/2 |
| 1/2 Tube Kit 2 Channels | | 2 | 1/2 |
| 1/1 Tube Kit 1 Channel | | 1 | 1/1 |

SPECIFICATIONS

| | | |
|---|---|--------------------|
| Drive | Stepper motor with integrated home sensor | |
| Delivery head | 1 mH ₂ O | |
| Suction head | 1 mH ₂ O | |
| Weight | One to three cassettes | 900 - 1100 g |
| | Two cassettes with gearbox | 1100 g |
| Dimensions [H W D] | One to three cassettes | 98 70 145 - 250 mm |
| | Two cassettes with gearbox | 98 70 220 mm |
| Available flow rate ratios (gearbox setup) | 1:4, 1:7, 1:10, 2:5, 2:11, 1:2, 1:3 | |
| Flowrate per channel | Approx. 70 ml/min at 300 rpm per channel | |
| Accuracy | ± 15 % | |
| Liquid connection | Luer Lock Female | |
| Wetted components | Luer connectors: PP | |
| | Peristaltic tube: SEBS Blend | |
| Maintenance parts | Tube Kits | |
| Maintenance interval | Preventive replacement once a year at 8 h usage | |
| Power requirements | 24 V _{DC} ± 5 %, 1.25 A | |
| Communication | RS232, TCP/IP | |

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