



SEM B&S DIGI PERISTALTIC PUMP



This professional dosing pump is specially designed to pump chemicals easily and safely. The pump is characterized by many practical advantages such as the pumping of liquids with air bubbles. They have a universal motor control system and can be controlled by means of various external signals.

User friendly

The simple menu structure makes it easy to control and adjust the various control parameters.

Universal application

The pump tube is resistant to the most aggressive substances such as liquid chlorine, sulfuric acid and flocculant and is available in three different sizes. This makes the B & S DIGI peristaltic pump universally applicable. B&S peristaltic pumps can be used either as a stand-alone pump or be connected to a measurement and control unit.

Maintainability

Shutdown for maintenance is almost unnecessary because it is so easy to open the pump head and passing through the tube. The three rollers in the pump head ensure a minimum pressure of 2 bar.

Advantages

- So easy to open the pump head and passing through the tube that shutdown for maintenance is almost unnecessary
- Self-priming and can run dry without any damage to the pump
- Auto-locking to prevent fluids from flowing back
- No valves, gaskets or stops that can fail or cause blockages
- Noiseless
- Protected from fluids by isolating them in the flow tube



Technical specifications

B&S Peristaltic pump DIGI V, DIGI 7, DIGI 40 en DIGI 100

Product code	B&S DIGI V 2502041	B&S DIGI 7 2502011	B&S DIGI 40 2502031	B&S DIGI 100 2502051
Adjustable rotational speed	1 – 7 rpm	1 – 7 rpm	5- 51 rpm	8-180 rpm
Capacity 1,6 mm tube	15 ml - 140ml/hour	15 ml - 140 ml/hour	100ml- 950 ml/hour	260ml-4000 ml/hour
Capacity 2,4 mm tube	35 ml - 330 ml/hour	35 ml - 330 ml/hour	180ml - 2,2 l/hour	500ml - 6,4 l/hour
Capacity 3,2 mm tube	60 ml - 510 ml/hour	60 ml -510 ml/hour	300ml - 3,6 l/hour	810ml - 10 l/hour
Capacity 4,8 mm tube	120ml-1000 ml/hour	120ml-1000 ml/hour	700ml -7,0 l/hour	1500ml - 22 l/hour
Minimum pump pressure 2 bar	●	●	●	●
Motor overload alarms	●	●	●	●
Running hours counter	●	●	●	●
3-month tube repositioning indicator	●	●	●	●
External control	○	●	●	●
Potential-free contact 0-10 up to 150 pulses/minute	○	●	●	●
Pulse length of the potential-free contact	○	●	●	●
Batch dosage (fixed amount after each pulse)	○	●	●	●
Internal on/off timer, on/off time (adjustable 1-300 sec.)	●	●	●	●
Analogue 0-20 mA	○	●	●	●
Analogue 0 - 1 to 10 V adjustable	○	●	●	●
Additional 313X head	●	●	●	○
Led indication	●	●	●	●
Connection for external control with 4-pole plug	○	●	●	●
Voltage	230 V	230 V	230 V	230 V
Power consumption	18VA	18VA	18VA	18VA
Housing (High Impact Polystyrene)	IP54	IP54	IP54	IP54
Dimensions L x W x H	200 x 200 x 125mm	200 x 200 x 125mm	200 x 200 x 125mm	200 x 200 x 125mm
Weight	3,5 kg	3,5 kg	3,5 kg	3,5 kg

● Yes
○ No