

Technical data sheet

MPX® SMART Plus

The MPX® SMART Plus textile dosing system is equipped with a diaphragm pump. This diaphragm pump operates with minimal pulsations, even when dealing with viscous or dense media.

This means:

- Precise dosing
- Higher system availability
- Long service life and low maintenance requirements

Ideal for commercial laundries that need a dosing system with reliable performance for continuous operation.



Performance data	Max. delivery rate for washing chemicals:	1000 ml/min
	Max. delivery rate for rinsing:	1250 ml/min
	Number of washing machines:	Max. 7
	Number of chemical products:	Up to 13
Electrical data	Power consumption:	45 VA
	Operating voltage:	100 ... 230 V
	Frequency:	50 / 60 Hz
	Control input voltage:	12 ... 240 V AC/DC
Mechanical data	Protection class:	IP24
	Weight:	9.5 kg
	Dimensions W/H/D:	520 x 610 x 201 mm
	Hose connections Multiplexer:	8 mm inner diameter
	Medium with viscosity ≤ 100 mPas:	50 m hose length
	Medium with viscosity ≤ 300 mPas:	30 m hose length
	Medium with viscosity ≤ 800 mPas:	15 m hose length

Operating data

Fresh water connection:	DN20, 3/4"
Water supply pressure inlet:	1 ... 10 bar
Max. Permissible operating pressure:	1.5 bar (pressure side) *2
Water temperature:	4 ... 40 °C
Separation from potable water supply:	DIN EN 1717 cat. 5
Suction height:	1.7 m
Dosing programs:	80 dosing programs
Program steps:	426 program steps
Product dosings:	2304 product dosings
Ambient temperature range:	+10 ... +40 °C
Environmental stress:	DIN EN 60068-2-38

Operating modes:

Direct modes:	Direct modes: (1:1, sum, binary)
Program Detection:	APD-Modus (Automatic) MPD-Modus (Manual)

Configuration

Device:	Windows laptop (SSC software)
---------	-------------------------------

Ambient conditions

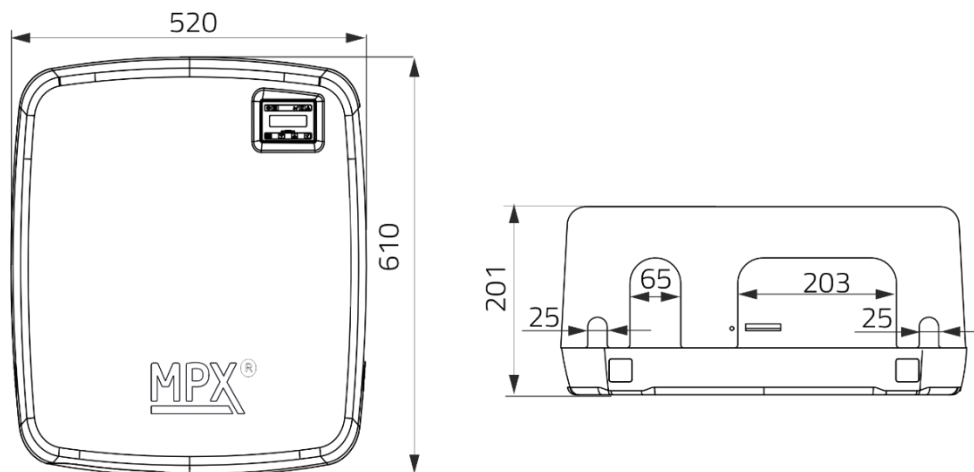
Ambient temperature range:	+10 ... +45 °C
Environmental stress:	Conforms to DIN EN 60068-2-38

Data storage

Detergent / dosing program request
Container empty events / container change
Error events: dosing error / no water

*2 If the maximum pressure is exceeded, the system automatically reduces the delivery rate. If the pressure does not decrease further, the system shuts down.

Dimensions



Products

Art. no.	Designation
1006441	MPX SMART Plus 13-7 dosing system
1006648	MPX SMART Plus 7-7 dosing system
1006651	MPX SMART Plus 7-1 dosing system