



**MPX® MULTI DOSING SYSTEM**

# DOSING TECHNOLOGY FOR LAUNDRIES

**THE FUTURE IS NOW**

# THE SAIER STORY

OVER 95 YEARS OF PASSION, INNOVATION AND EXPERIENCE





## **QUALITY, ACCURACY, AND RELIABLE DOSING FOR MORE THAN 60 YEARS**

The driving force behind Saier's success is our innovative spirit and our willingness to take on new challenges with expertise and ingenuity.

Our commitment for high quality products and professional integrity are core values we represent in SAIER.

We maintain long-term and successful business relationships with our customers and our partners.



**COMMITTED TO  
SUSTAINABILITY.**



# MPX® – THE NEW STATE OF THE ART

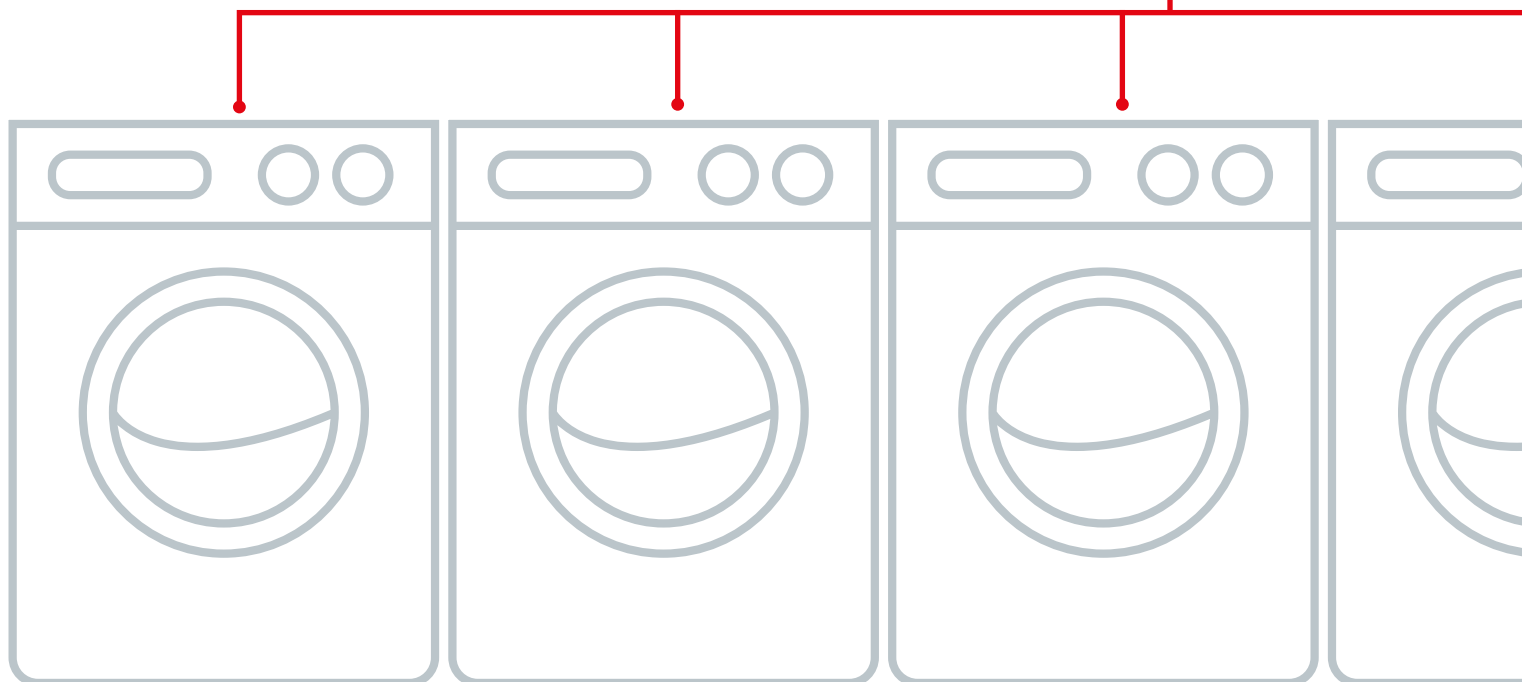
HIGHLY PRECISE, ECONOMICAL, REVOLUTIONARY

## **ACCURATE DOSING WITH INNOVATIVE TECHNOLOGY**

The MPX® dosing system makes your laundry future-proof.

Reliable and accurate dosing technology delivers consistent quality and wash results.

With the Internet connection and the SAIER CLOUD, you always have an up-to-date overview of what is happening in your laundry.



**OUTSTANDING ECONOMIC EFFICIENCY**

MPX® ALL-IN-ONE enables „quick installation“.  
Low investment makes it easier to switch quickly  
to the economical MPX® technology.

**FOR ALL WASHING MACHINES**

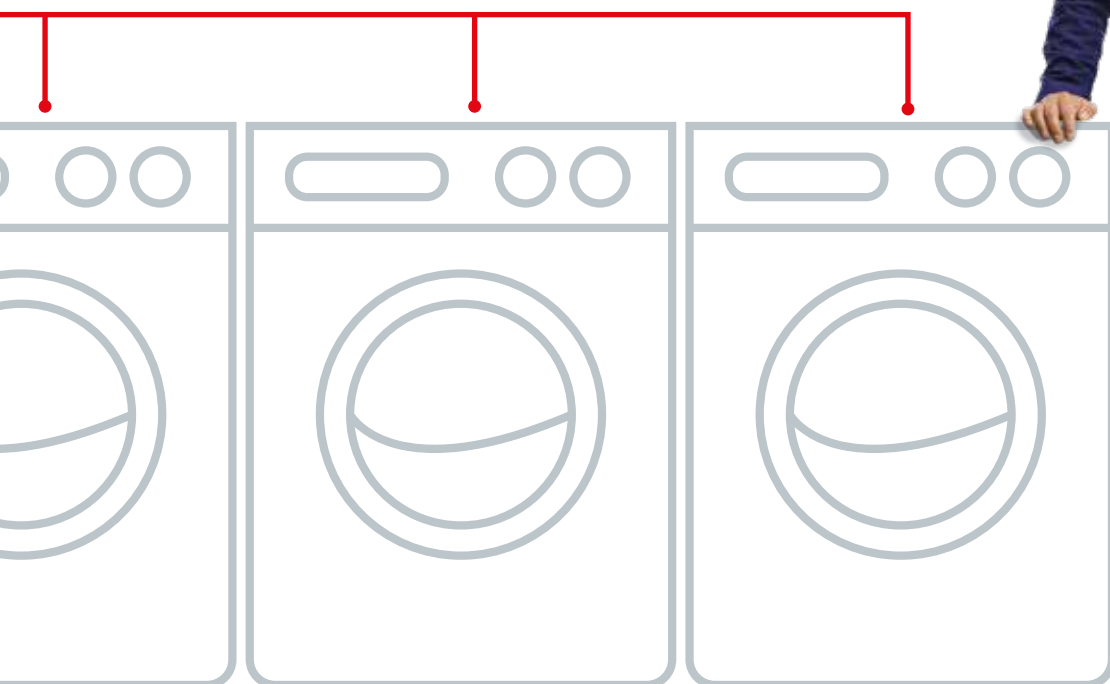
Whether new or old, small, medium or large the MPX® can be  
used with all washing machines.

**FOR ALL COMPANY SIZES**

From small businesses to global corporations.

**FUTURE PROOF - AND INTERNATIONAL**

SAIER's new and further developments are future-proof. They  
are directed towards the needs of the global users of SAIER  
products.



## INTELLIGENT, TECHNOLOGICAL DESIGN



### **ALL-IN-ONE compact system**

Unique: Dosing seven washing machines with 13 washing chemicals - with just one system - the MPX® Multi Dosing System.



### **Maintenance-free multi-way valve**

The maintenance-free multi-port valve is a high-performance ceramic part. It ensures a perfect seal without a rubber gasket. It is compatible with all chemicals used in a laundry.



### **Short installation times**

Only one device needs to be installed. With the user-friendly software, the system is quick and easy to configure.



### **Small installation space**

Less chemical containers are placed in the location saving useful working space in the laundry.



### **With water system separator**

No additional parts needed to be in compliance of drinking water regulations.

100% compliance DIN EN 1717 Cat. 5.



### **Less is more - for the environment**

Conserving resources and the environment: using fewer chemicals for the same washing result means less impact on the environment.







100%  
INNOVATION

# SUPREME ACCURACY AND RELIABILITY



### **Best dosing result = best washing result**

The exact dosage of the washing chemicals has the greatest influence on the washing result. This is the only way to achieve a hygienically clean wash result. The MPX® system is the most precise on the market.



### **Future-proof dosing of washing chemicals**

Especially suitable for highly concentrated washing chemicals. Future-proof for the washing chemicals of tomorrow. Cost-saving precision for unique sustainability.



### **Accurate dosing - even after many hours of operation:**

The longer the operating time, the lower the delivery rate of the tube. The MPX® constantly checks the delivery rate of the tube and adjusts the time of the pump run. This ensures constant, reliable and gram-accurate dosing.



### **Long service life through rinsing**

After each dosing process, the tube is rinsed with fresh water. This reduces the contact time with chemical products to a minimum. This significantly increases the service life of the tube.



### **Proven and high-quality hose material**

The tube material used for the MPX® system has proven to be the best through many years of experience.



### **Maintenance control and overview - remotely**

The SDDB web portal shows when the single peristaltic tube change is due on an MPX® system. This allows service calls to be planned in a targeted and cost-saving manner.

**And:** the web portal shows when maintenance has been carried out.





100%  
ACCURACY



# HIGHEST EFFICIENCY AND CONVINCING ADVANTAGES FOR ALL STAKEHOLDERS

### REDUCE COSTS - INCREASE EFFICIENCY - PROTECT THE ENVIRONMENT

Practical experience shows that the user-friendliness and performance of the MPX® creates satisfaction for everyone involved.

A large number of users who work with the MPX® system on a daily basis appreciate the versatile benefits of the MPX® Multi Dosing System.



#### LAUNDRY STAFF

Clean laundry, optimum washing results. No need to rewash. Compact design. Simple handling thanks to intuitive operation.



#### GENERAL MANAGER

See what's going on. Management made easy. Fast changeover to economical MPX® technology. Highest ROI and lowest TCO over the entire service life.



100%  
GAME CHANGER



### PLANT OPERATOR

Costs and consumption at a glance. Maximum operational reliability. 24/7 remote management of the laundry. Security for the future.



### SERVICE TECHNICIAN

Greatly reduced maintenance intervals. Fewer service calls. Remote system analysis and support.



# MPX® REMOTE SOLUTION

Use the remote function to monitor daily washing operations and correct them if necessary - at any time and from any location.

This means more time and resources for other activities. Genuine 24/7 remote management and support. Full transparency and control of all dosing processes. „Always-on“ connectivity, secure, platform-independent web client technology.



#### **Alarm and warning system**

Visual, acoustic, radio and remote-controlled alarm and warning systems for the user groups (service, building services, operators).



#### **Management of wash recipes**

Simply change dosing programs remotely or send new dosing programs to the MPX®. This means: consistently reliable dosing accurate to the gram.



#### **Cost control**

Overview of the current consumption of all systems - worldwide. Cost control can be carried out anywhere and at any time.



#### **Preventive maintenance**

Recognize upcoming service requirements online and plan maintenance work in advance.



## TECHNICAL DATA

**COMPLIANCE: UL certified, CB-REPORT, CE approved**

### MPX® SMART

Performance data	Maximum flow rate	1.000 ml/min 33.81 fl. oz. /min
	Number of washing machines	max. 7
	Number of chemical products	max. 13
Electrical data	Operating voltage	100 ... 240 V
	Frequency	50 / 60 Hz
	Input power	69 VA (230 V)
Mechanical data	Dimensions	518 x 608 x 210 mm 20.39 x 23.93 x 8.27 in
	Weight	12,6 kg / 20.94 lbs



### MPX® SOLO

Performance data	Maximum flow rate	330 ml/min 11.15 fl. oz. /min
	Number of washing machines	1
	Number of chemical products	max. 7
Electrical data	Operating voltage	100 ... 240 V
	Frequency	50 / 60 Hz
	Input power	55 VA (230 V)
Mechanical data	Dimensions	347 x 528 x 185 mm 14.2 x 21.14 x 7.3 in
	Weight	5,2 kg / 11,46 lbs



### MPX® DUO

Performance data	Maximum flow rate	330 ml/min 11.15 fl. oz. /min
	Number of washing machines	2
	Number of chemical products	max. 4
Electrical data	Operating voltage	100 ... 240 V
	Frequency	50 / 60 Hz
	Input power	55 VA (230 V)
Mechanical data	Dimensions	347 x 528 x 185 mm 14.2 x 21.14 x 7.3 in
	Weight	6,2 kg / 13,66 lbs





# SUSTAINABLE AND ENVIRONMENTALLY

## **WATER AND TREATMENT AGENTS USED RESPONSIBLY**

That's what the MPX® System does - that is „sustainability“.

## **CONSERVING RESOURCES AND THE ENVIRONMENT**

The MPX® system is compact and built with few parts. This results in more working space for the laundry and less maintenance work for the system on site.

## **RECYCLABLE MATERIALS**

The material for the MPX® system is free of hazardous substances, readily available and fully recyclable.

## **LESS DRIVING - LESS CO<sub>2</sub>**

The high dosing accuracy of the MPX® dosing system enables the use of special cleaning agents with smaller volumes. This reduces the transportation of cleaning agents. Service trips are also reduced by over 50%. Less driving - less CO<sub>2</sub>.



**COMMITTED TO SUSTAINABILITY.**

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