

Technical data sheet

PSD Powder Solid Dosing

The PSD system is an All-in-One-solution for commercial dishwashers for dosing detergent and rinse aid.

This device can be operated with all commercially available 3 – 5 kg solid cartridges (powder, tabs, trays and blocks).

With the connection to the SAIER web portal SDDB.eu, the rinsing operation can be monitored remotely via the Internet and dosing programs can be adjusted. The innovative design ensures low maintenance requirements.



Performance data	Flow rate	20 ... 500 ml/h
	Rinse-aid pump:	(with PS 138-1.6x1.6 Ri4 / 2.5 bar max.)
Configuration	Device:	<ul style="list-style-type: none"> ▪ Buttons on device ▪ Windows laptop (SSC software)
	Conductivity measurement:	<ul style="list-style-type: none"> ▪ Inductive
	Rinse-aid dosing:	<ul style="list-style-type: none"> ▪ Constant ▪ Variable
	Dosing control:	<ul style="list-style-type: none"> ▪ Runtime ▪ Runtime and pauses ▪ Conductivity control two-point ▪ Conductivity control proportional
	Control programs:	<ul style="list-style-type: none"> ▪ Predosing program ▪ Basic program ▪ Special program ▪ 7 weekly programs / timer programs
Electrical data	Operating voltage:	230 V ±10%
	Frequency:	50 /60 Hz
	Input power:	20 VA
	Protection class:	IP 65
	Fuse:	0,2 A Fuse device
		2 A Fuse average yields solenoid valve

Data storage

- Consumption data – daily product consumption of rinse-aid pump and solenoid valve activation time
- Container empty events / container change
- Error events: Dosing error / sensor failure etc.

Remote

- Connection to the SDDB web portal (visualization of consumption data)
- Remote maintenance via the Internet with the SSC software

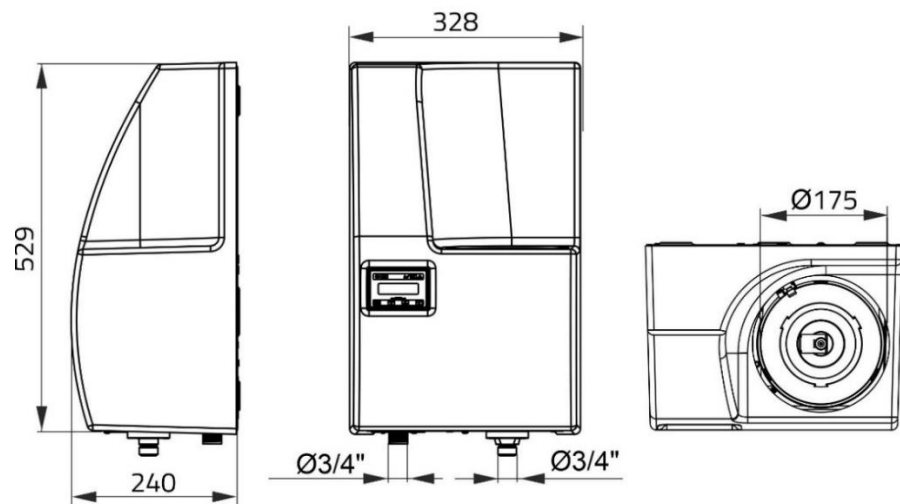
Mechanical data

Dimensions:	328 x 529 x 240 mm
Weight:	7,8 kg
Tube connections	4x1 mm
(rinse-aid pump):	(Ø 4 mm inner, Ø 6 mm outer)
Hose connection funnel:	3/4 Zoll
Water connection:	3/4 Zoll
Min. water pressure:	2 bar
Min. water volume:	3l/min
Min. water temperature:	5° C
Max. water temperature:	60° C
Cartridge holder:	Ø 175 mm

Ambient conditions

Ambient temperature range:	+10 ... +50 °C
Environmental stress:	Conforms to DIN EN 60068-2-38

Dimensions



Products

Art. no.	Designation	Rinse-aid pump	Remote control
1005790	PSD-System	Yes	-
1005792	PSD -Pro	Yes	Yes
1005828	PSD -System UL	Yes	-
1005826	PSD -Pro UL	Yes	Yes