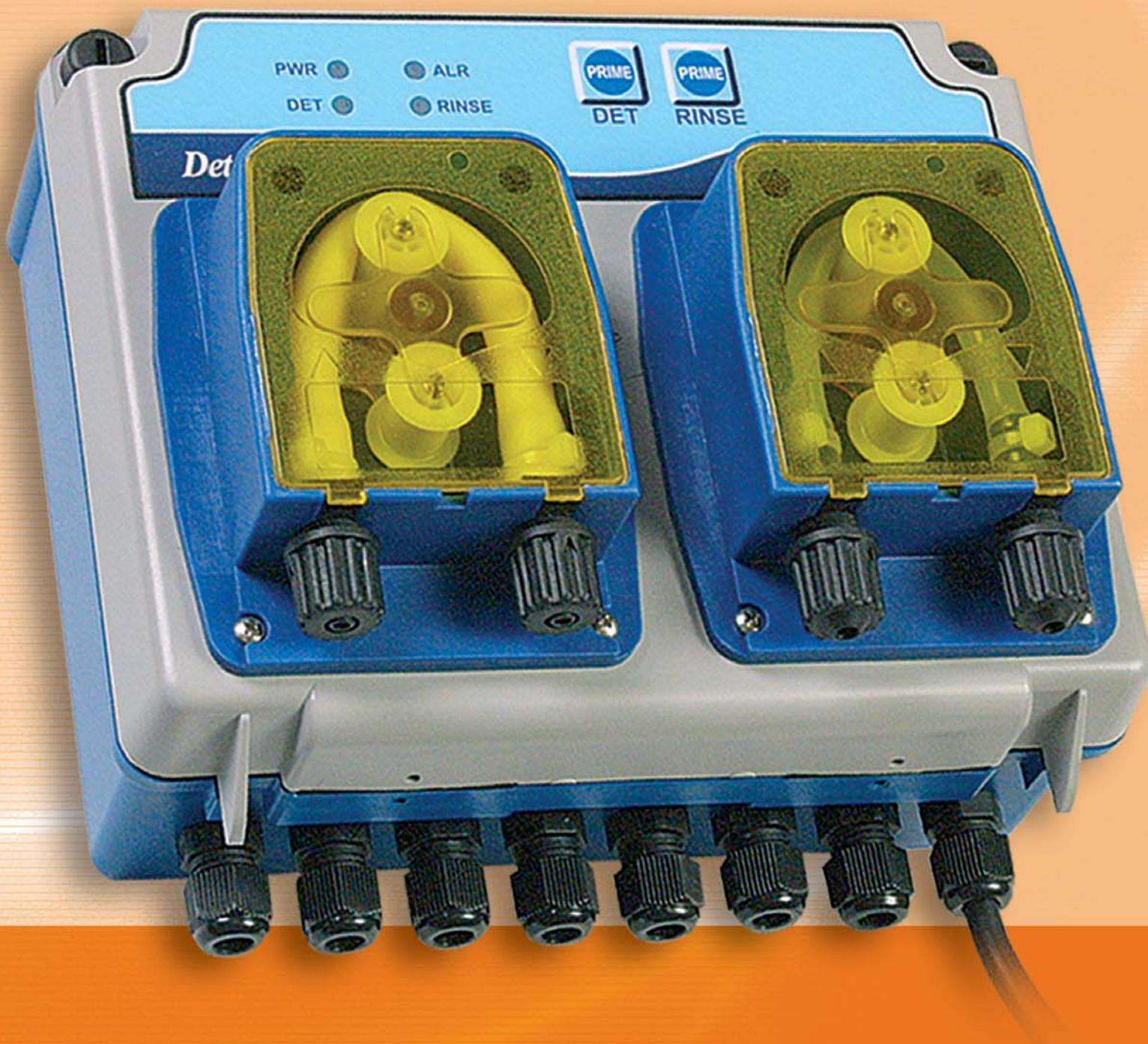


Dosing systems for dishwashing machines

# TWINDOSE 10 • 20 • 30 • 30LP



innovation > technology > future

## Solutions for all demands



**TWINDOSE Series** offers automatic compact detergent and rinse-aid dispensers. Properly designed for every type of dishwashing machine, it reduces all manual operations.

Thanks to Seko's long experience in peristaltic systems, installation and maintenance are very easy and require only a limited amount of time.

### User friendly

- Micro-switches and trimmers allow simple and fast parameters configuration, without entering in any programming mode
- Front cover opens to **90°** allowing easier electrical connections
- Priming key for each product

### Easy installation and minimum maintenance

- Just run the rinse-aid and detergent supply line and connect the system to dishwashing machines solenoid valves
- Easy wall mounting and removing thanks to the in built fixing brackets
- Easy maintenance, no special tools required

### Safe and reliable

- All setting controls kept inside the box to avoid undesired tampering
- **IP 65** protection degree and class **2** electrical insulation (no ground connection required)
- End of product alarm input via level probe in the form of a **reed contact**
- **Santoprene** and **Sekobril** squeeze tubing, always equipped with inlet-outlet fittings for fast and safe connections

## Wide range for all applications

### TWINDOSEIO

Automatic compact detergent and rinse-aid dispenser. Suitable for single solenoid valve dishwashing machines.

#### Technical data

<b>DETERGENT DOSING</b>	Speed control		
<b>RINSE-AID DOSING</b>	Speed control		
<b>DETERGENT DELAY TIME</b>	-		
<b>RINSE-AID DELAY TIME</b>	-		
<b>DETERGENT PUMP</b>	Santoprene squeeze tubing		
<b>Flow rate</b>	4 l/h (67ml/min)		
<b>RINSE-AID PUMP</b>	SekoBril squeeze tubing		
<b>Maximum pressure</b>	3 bar		
<b>Flow rate</b>	1 l/h (17ml/min)		
<b>ALARMS</b>	End of products buzzer signalling		
		<b>POWER SUPPLY</b>	
		<b>Via the solenoid valve</b>	24/115/230 Vac
		<b>CURRENT CONSUMPTION</b>	8 W
		<b>CONDUCTIVITY RANGE</b>	-
		<b>RELAY REPEAT ALARM OUTPUT</b>	-
		<b>WEIGHT</b>	1,2 Kg



### TWINDOSE20

Automatic compact detergent and rinse-aid dispenser. Suitable for single solenoid valve dishwashing machines.

#### Technical data

<b>DETERGENT DOSING</b>			
<b>First Fill</b>	Timed control		
<b>Top Up</b>	Speed control		
<b>RINSE-AID DOSING</b>	Speed control		
<b>DETERGENT DELAY TIME</b> (Tunnel machines only)	20 sec.		
<b>RINSE-AID DELAY TIME</b>	-		
<b>DETERGENT PUMP</b>	Santoprene squeeze tubing		
<b>Flow rate</b>	4 l/h (67ml/min)		
<b>RINSE-AID PUMP</b>	SekoBril squeeze tubing		
<b>Maximum pressure</b>	3 bar		
<b>Flow rate</b>	1 l/h (17ml/min)		
<b>ALARMS</b>	End of products buzzer signalling		
		<b>POWER SUPPLY</b>	
		<b>Via the solenoid valve</b>	24/115/230 Vac
		<b>CURRENT CONSUMPTION</b>	8 W
		<b>CONDUCTIVITY RANGE</b>	-
		<b>RELAY REPEAT ALARM OUTPUT</b>	-
		<b>WEIGHT</b>	1,2 Kg



## TWINDOSE30

Chemical dispenser for every type of dishwashing machines. A user-friendly system, featuring a wide choice of dosing control modes to cater for various requirements.

### Technical data

<b>DETERGENT DOSING</b>	Timed or conductivity control
<b>RINSE-AID DOSING</b>	Speed control
<b>DETERGENT DELAY TIME</b> (Tunnel machines only)	12 or 30 sec. after each Top Up
<b>RINSE-AID DELAY TIME</b>	0 to 20 sec.
<b>DETERGENT PUMP</b>	Santoprene squeeze tubing
<b>Flow rate</b>	9 l/h (150ml/min)
<b>RINSE-AID PUMP</b>	SekoBril squeeze tubing
<b>Maximum pressure</b>	3 bar
<b>Flow rate</b>	1,5 l/h (25ml/min)
<b>ALARMS</b>	1. End of product LED signalling 2. Over feed alarm (OFA) buzzer signalling
<b>POWER SUPPLY</b>	From the mains or via the solenoid valves 24/115/230 Vac
<b>CURRENT CONSUMPTION</b>	14 W
<b>CONDUCTIVITY RANGE</b>	0 to 10 mS
<b>RELAY REPEAT ALARM OUTPUT</b>	250 Vac 3A max
<b>WEIGHT</b>	2 Kg



## TWINDOSE30 LP

Chemical dispenser for every type of dishwashing machine. A user-friendly system based on the well-tested technology of the TWINDOSE products.

### Technical data

<b>DETERGENT DOSING</b>	Timed or conductivity control
<b>RINSE-AID DOSING</b>	Speed control
<b>DETERGENT DELAY TIME</b> (Tunnel machines only)	12 or 30 sec. after each Top Up
<b>RINSE-AID DELAY TIME</b>	0 to 20 sec.
<b>DETERGENT PUMP</b>	-
<b>RINSE-AID PUMP</b>	SekoBril squeeze tubing
<b>Maximum pressure</b>	3 bar
<b>Flow rate</b>	1,5 l/h (25ml/min)
<b>ALARMS</b>	1. End of product LED signalling 2. Over feed alarm (OFA) buzzer signalling
<b>POWER SUPPLY</b>	From the mains or via the solenoid valves 24/115/230 Vac
<b>CURRENT CONSUMPTION</b>	14 W
<b>CONDUCTIVITY RANGE</b>	0 to 10 mS
<b>RELAY REPEAT ALARM OUTPUT</b>	250 Vac 3A max
<b>WEIGHT</b>	4,2 Kg (with stainless steel panels)

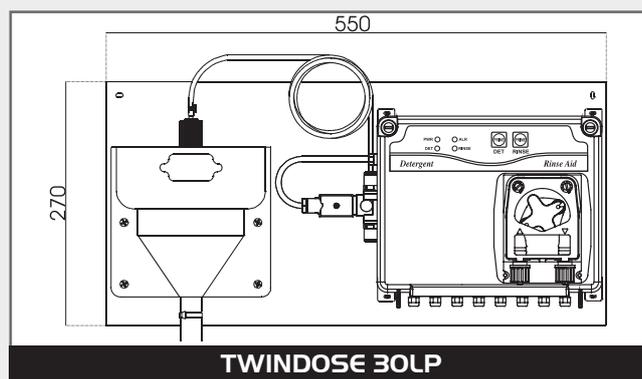
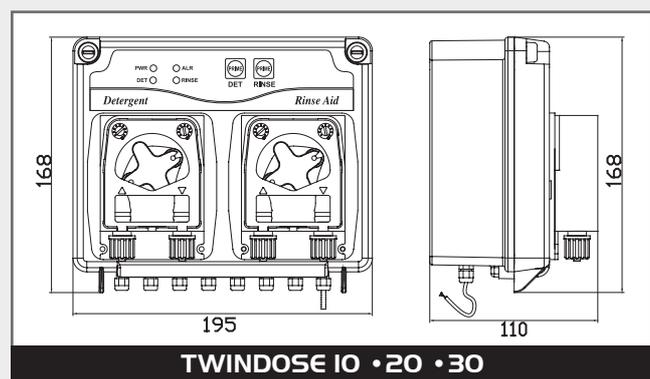


The systems can be supplied either per-assembled on stainless steel panels (see picture) or in the version consisting of separate components with solenoid valve (24 Vdc, 7 W).

# Installation kit, accessories and dimensional drawings

INSTALLATION KIT		TWINDOSE 10	TWINDOSE 20	TWINDOSE 30	TWINDOSE30 LP
	Conductivity Probe			•	•
	Wall mounting bracket	•	•	•	
	PP injection connector	•	•	•	
	Suction tubing	•	•	•	•
	Delivery tubing	•	•	•	•
	Delivery tubing for powder dispenser				•
	Foot filter	•	•	•	•
	Powder detergent injection connector				•
	Stainless Steel non return valve	•	•	•	•
	Boiler non return valve adapter Ø 6-8 mm	•	•	•	•

ACCESSORIES		TWINDOSE 10	TWINDOSE 20	TWINDOSE 30	TWINDOSE30 LP
	Plastic T connector	•	•	•	•
	Suction device without level probe	•	•	•	•
	Suction device with level probe	•	•	•	•
	Stainless steel injection connector	•	•	•	•
	Low profile injection connector	•	•	•	•
	Powder container				•





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