



Twindose40 EVO

SEKO manufactures automatic dosing systems for industrial single tank and tunnel dishwashing machines, specially designed for "heavy duty" applications (in which the dosing unit works for more than 50 hours per week)....

Dosing systems for hood type and conveyor-belt dishwashers

A wide range of applications

Four types of dosing

Simple to install and low in maintenance

Safe and reliable



Twindose 40 EVO

This dosing system is microprocessor controlled and features an LCD display. It is the jewel in the crown of **SEKO** dosing systems, and combines easy installation with a wide range of functions including management of a memory card. **Twindose 40 EVO** and **40 EVO Plus** are designed for use with all types of dishwashing machines (single tank and tunnel). Twindose 40 Plus is specifically intended for heavy duty applications, with power-boosted motors and inductive technology for conductivity measurement. The range includes models that suit any customer requirement.



A wide range

LL Version [1 detergent pump and 1 rinse-aid pump]

DL Version [1 solenoid valve for the powder detergent dispenser and 1 rinse-aid pump]

LLL version [1 detergent pump, 1 rinse-aid pump, and 1 scale remover pump]

DLL Version [1 solenoid valve for the powder detergent dispenser, 1 rinse-aid pump, and 1 scale remover pump]

Four types of dosing

Conductivity, speed or time for the detergent pump

Speed or time for rinse-aid pump and scale remover pump

ON/OFF - Speed for detergent and rinse-aid pump

Simple to install and low in maintenance

Easy to install, via a simple bracket for wall mounting and to a complete installation kit

Maintenance is simple and **no special tools are required**

Safe and reliable

All dosing parameters can be set via the programming menu

External digital settings protected by a password

Easy access to both the electrical connections and the pumps, due to 90° panel opening

External keys for priming settings and programming

Protection degree IP65 and class 2 electrical insulation

Inputs for level control

Santoprene and **sekobril** squeeze tubes, always equipped with inlet-outlet fittings for fast and safe connections

Possibility of selecting **conductivity measurement** using a conductivity probe (**Twindose 40 EVO**) or inductive sensor (**Twindose 40 EVO Plus**)

Audible alarm

Separate management of the first load

Double conductivity display: In μS and SKU using a conductivity or an inductive probe

Ballbearing (standard for all versions) made with the TRANSAXLE Technology by **seko** to increase motor and tube life

5-pole power-boosted motor

Electronic motor rpm control

Delime mode: This is used to descale dishwashing machine without disconnecting the Twindose

Relay alarm output

Fault Diagnosis Function

Statistics management

Technical Features

DETERGENT DOSING	Conductivity or Timed
RINSE-AID DOSING	Speed, Timed or ON/OFF
SCALE REMOVER DOSING	Speed
DETERGENT PUMP	Santoprene Squeeze tubing
Flow rate	from 15 to 150 ml/min [from 0,9 to 9 l/h]
RINSE-AID PUMP	sekobril Squeeze tubing
Maximum pressure	3 bar
Flow rate	from 1 to 25 ml/min [from 0,06 to 1,5 l/h]
SCALE REMOVER PUMP	sekobril Squeeze tubing
Maximum pressure	3 bar
Flow rate	from 2,5 to 25 ml/min [from 0,15 to 1,5 l/h]
CONDUCTIVITY MEASURING SCALE	
(using a conductivity probe - EVO)	from 200 μS to 10 mS
(using an inductive probe - EVO Plus)	from 500 μS to 50 mS
ALARMS OFA	double time 999 sec.
(The first activates the alarm and the second stops the pumps)	
POWER SUPPLY	Switching
	from 100 to 240 Vac (24 Vac with additional module)
INPUT SIGNALS	selectable by menu
	from 20 to 240 Vac or 150 to 240 Vac
POWER CONSUMPTION (max.)	20 W
WEIGHT	3,5 kg
DIMENSIONS (mm)	
Version LL • LLL	W 285 x H 220 x D 110
Version DL • DLL	W 360 x H 220 x D 110
PACKING DIMENSIONS (mm)	
	W 400 x H 140 x D 240 (13,400 cm ³)