





Dosificador MD Advanced

Proportional and precision electrical medication, at zero pressure.

Range of high-precision proportional electrical dosing pumps with a stepper motor and highly chemical-resistant materials designed for the administration of:

Medications · Vaccines ·

Prebiotics · Acids · Supplements

Why use dosificador MD?

Water is an essential nutrient for all animals and the ideal medium to treat, prevent or cure any illnesses and health problems.

The pump's stepper motor ensures perfect homogenization, high-precision and a very high working range for the application of various liquids through pre-dilution or directly from the container.

All models can function with zero pressure in the water pipe and some even with flow rates below 6 l/h. The materials in contact with the liquid are made with high-quality components and permit direct contact with corrosive products, such as acids (consult chemical compatibility).



High-precision proportional electrical dosing pumps with a stepper motor.

Simple, efficient, and safe for all types of uses.

DOSIFICADOR MD ECO



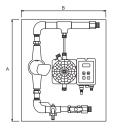
Dosificador MD with high chemical resistance, designed for the volumetric electronic application of medication simply and accurately.

Model	Code	Dosing pump	Max. flow rate	Connections (in inches)	Max p. (bar)	Voltage
DOSI ECO-MD25/30	17010025	TMS MF 0330 PV	2500 l/h	3/4	3	230 Vac
DOSI ECO-MD32/30	17010032	TMS MF 0330 PV	3500 l/h	1	3	230 Vac
DOSI ECO-MD25/30 CC	17010125	TMS MF 0230 PV CC	2500 l/h	3/4	2	12 Vdc
DOSI ECO-MD32/30 CC	17010132	TMS MF 0230 PV CC	3500 l/h	1	2	12 Vdc

Includes electrical dosing pumps.

DIMENSIONS/MM

Model	Α	В	C
DOSI ECO-MD	500	400	170



CHARACTERISTICS:

Supply voltage: 230 Vac \pm 8%, 50/60 Hz or 12 Vdc \pm 10% (CC models).

Peak consumption: 1.6 A. Noise level: \pm 74 dB(A). Protection: IP65.

Dosage: from 0 to 2% of maximum flow rate of 1500 l/h. Dosage: from 0 to 3% of maximum flow rate of 1000 l/h. Starter flow rate: 10 l/h (MD25) / 20 l/h (MD32).

Dosing precision: ± 2%. Suction height: 1.5 m.

Fluid temperature: from 1 to 45 °C.

GENERAL INFORMATION:

TMS MF dosing pump (see characteristics in electrical dosing pumps section).

High chemical resistance (check compatibilities of materials).

Dosing percentage from 0.01 to 10% depending on water flow.

Usual working range: between 0.1 and 3%.

Programming by percentage, divider, multiplier, and ppm.

Input for control, level probe (optional), and programmable outputs for alarms.

Dosing pump and installation kit included.

MATERIALS:

Contact with water: PVC and brass. Dosing head: PVDF.

Foot valve: PVDF.

Injection valve: PVDF.

Valve balls: ceramic.

Seals: Viton.

Membrane: PTFE.

NEW

Dosificador MD with high chemical resistance, designed for the volumetric electronic application of medication simply and accurately. The low flow rate models with high-performance flow meter and starter mechanism below 2 l/h, alongside the high-precision stepper pump, make this the idea system for low flow rates.

DOSIFICADOR MD ADVANCED ECO

LOW FLOW RATE

Model	Code	Dosing pump	Max. flow rate	Connections (in inches)	Max p. (bar)	Voltage
DOSI ECO-MD25/28	17010225	PRISMA 0528 PV	2500 l/h	3/4	5	230 Vac
DOSI ECO-MD25/80	17010325	PRISMA 0280 PV	2500 l/h	3/4	2	230 Vac
DOSI ECO-MD25/28 CC	17010425	PRISMA 0528 PV CC	2500 l/h	3/4	5	12 Vdc
DOSI ECO-MD25/80 CC	17010525	PRISMA 0280 PV CC	2500 l/h	3/4	2	12 Vdc

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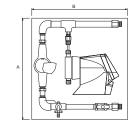
STANDARD

Model	Code	Dosing pump	Max. flow rate	Connections (in inches)	Max p. (bar)	Voltage
DOSI ECO-MD32/28	17010232	PRISMA 0528 PV	3500 l/h	1	5	230 Vac
DOSI ECO-MD32/80	17010332	PRISMA 0280 PV	3500 l/h	1	2	230 Vac
DOSI ECO-MD32/28 CC	17010432	PRISMA 0528 PV CC	3500 l/h	1	5	12 Vdc
DOSI ECO-MD32/80 CC	17010532	PRISMA 0280 PV CC	3500 l/h	1	2	12 Vdc

Includes electrical dosing pumps.

DIMENSIONS/MM

Model	Α	В	C
DOSI ECO-MD	500	500	200



CHARACTERISTICS:

Supply voltage: 230 Vac \pm 8%, 50/60 Hz or 12 Vdc \pm 10% (CC models). Power: 30 W.

Protection: IP65.

28-I/h model dosing: from 0 to 2% maximum flow rate of 1400 I/h.

80-I/h model dosing: from 0 to 4% maximum flow rate of 2000 I/h.

Starter flow rate: 2 l/h (MD25) / 20 l/h (MD32).

Dosing precision: ±1%.

Suction height: 1.5 m.

Fluid temperature: from 1 to 45 °C.

GENERAL INFORMATION:

Dosing pump: PRISMA 0528 PV or PRISMA 0280 PV (see characteristics in electrical dosing pumps section). High chemical resistance (check compatibilities of materials). Dosing: depending on water flow rate. Usual working range: between 0.1 and 4%. Programming: cc per pulse, ppm, and percentage. Input for control, level probe, and programmable alarm outputs. Dosing pump and installation kit included.

MATERIALS:

Contact with water: PVC and brass. Dosing head: PVDF. Foot valve: PVDF. Injection valve: PVDF. Valve balls: ceramic. Seals: Viton. Membrane: PTFE.





NEW

DOSIFICADOR MD ADVANCED



Dosificador MD with high chemical resistance, designed for the volumetric electronic application of medication simply and accurately. Unparalleled precision and easy handling thanks to the simple and clear interface for the stepper motor dosing pump, with electronic stroke tuning system and high turn-down ratio. Low flow rate models with a high-performance meter and start up below 2 l/h.

LOW FLOW RATE

Model	Code	Dosing pump	Max. flow rate	Connections (in inches)	Max p. (bar)	Materials
DOSI MD25/15 PVC	17011026	DDC-A 15 PVC	2500 l/h	3/4	4	PVC/V/C
DOSI MD25/30 PVC	17011126	DDA-AR 30 PVC	2500 l/h	3/4	4	PVC/V/C
DOSI MD25/15 PV	17011226	DDC-A 15 PV	2500 l/h	3/4	4	PV/T/C
DOSI MD25/30 PV	17011326	DDA-AR 30 PV	2500 l/h	3/4	4	PV/T/C

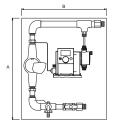
STANDARD

Model	Code	Dosing pump	Max. flow rate	Connections (in inches)	Max p. (bar)	Materials
DOSI MD32/30 PVC	17011132	DDA-AR 30 PVC	3500 l/h	1	4	PVC/V/C
DOSI MD32/30 PV	17011332	DDA-AR 30 PV	3500 l/h	1	4	PV/T/C

Includes electrical dosing pumps.



Model	Α	В	C
DOSI MD	500	400	200



CHARACTERISTICS:

Supply voltage: 230 Vac \pm 10%, 50/60 Hz.

Power: 12 W.

Noise level: \pm 60 dB(A).

Protection: IP65.

15-I/h MD model dosing: from 0 to 2% for a flow rate of 750 I/h.

30-I/h MD model dosing: from 0 to 2% for a flow rate of 1,500 I/h / from 0 to 3% for a flow rate of 1,000 I/h.

Starter flow rate: 2 I/h (MD25) / 20 I/h (MD32).

Dosing precision: ± 1%.

Suction height: 4 m.

Fluid temperature: from 1 to 45 °C.

GENERAL INFORMATION:

DDC-A or DDA-AR dosing pump (see characteristics in electrical dosing pumps section).

High chemical resistance (check compatibilities of materials).

Pump with dynamic stepper motor with transmission.

Dosing percentage from 0.001 to 6% depending on the water flow rate.

Usual working range: between 0.1 and 3%.

Very simple pulse programming (ml/pulse).

Input for control, level probe (optional), and programmable outputs for alarms.

Scalable analog inputs and outputs with the DDA model.

Dosing pump and installation kit included.

MATERIALS:

Contact with water: PVC and brass. Dosing head: PVC or PVDF (PV). Foot valve: HDPE or PVDF (PV). Injection valve: PVC or PVDF (PV). Valve balls: ceramic. Seals: Viton (V) or PTFE (T).

Membrane: PTFE.



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NEW

Dosificador MD with high chemical resistance, designed for the volumetric electronic application of medication simply and accurately. Unparalleled precision and easy handling thanks to the simple and clear interface for the stepper motor dosing pump, with electronic stroke tuning system and high turn-down ratio.

Model	Code	Dosing pump	Max. flow rate	Connections (in inches)	Max p. (bar)	Voltage
DOSI MD40/120	17011440	DDA-AR XL 120 PVC	6000 l/h	1 1/4	7	230 Vac
DOSI MD40/200	17011441	DDA-AR XL 200 PVC	6000 l/h	1 1/4	4	230 Vac
DOSI MD50/200	17011450	DDA-AR XL 200 PVC	10,000 l/h	1 ½	4	230 Vac

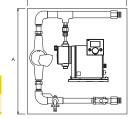
Includes electrical dosing pumps.

DOSIFICADOR MD ADVANCED XL



DIMENSIONS/MM

Model	Α	В	C
DOSI MD	700	700	200



CHARACTERISTICS:

Supply voltage: 100 - 240 Vac \pm 10%, 50/60 Hz.

Power: 62 W.

Protection: IP65.

120-l/h MD40 model dosing: from 0 to 2% for a flow of 6000 l/h / from 0 to 5% for a flow of 2400 l/h.

200-I/h MD40 model dosing: from 0 to 5% for flow of 4000 I/h.

200-l/h MD50 model dosing: from 0 to 2% for flow of 10,000 l/h / from 0 to 5% for flow of 4000 l/h.

Flexible pump pipe: 19x26 mm.

Dosing precision: ±1%.

Suction height: 3 m.

Fluid temperature: from 1 to 45 °C.

GENERAL INFORMATION:

Dosing pump: DDA-AR XL 120 PVC or DDA-AR XL 200 PVC

(see characteristics in electrical dosing pumps section).

 $High\ chemical\ resistance\ (check\ compatibilities\ of\ materials).$

Pump with dynamic stepper motor with transmission.

Dosing: depending on water flow rate.

Usual working range: between 0.1 and 2%.

Programming: cc per pulse (ml/pulse).

Input for control, level probe (optional), and programmable outputs for alarms.

Dosing pump and installation kit included.

MATERIALS:

Contact with water: PVC and brass. Dosing head: PVC or PVDF (PV). Foot valve: HDPE or PVDF (PV). Injection valve: PVC or PVDF (PV). Valve balls: ceramic. Seals: Viton (V) or PTFE (T). Membrane: PTFE.

