



MD PRO DOSING PUMP
**ELECTRICAL
MEDICATION**



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TYPE
SER.Nº./PN
POWER SUPPLY
DOSING RATE
CE

Dosing pump

MD Pro

Water is an essential nutrient for any animal and is also the ideal medium for delivering treatments to prevent or cure illnesses and health problems.

The **MD PRO** dosing pump ensures perfect homogenization, high precision and a very high working range for applying different liquid or soluble products through pre-dilution or directly from the container.

The materials in contact with liquid are made with high-quality components and allow for direct contact with corrosive products (check chemical compatibility).



Body of the pump

The MD PRO dosing pump can dispense up to 73 l/h at 7 bars of pressure and is made from PVDF, a material that is compatible with most of the products to be dispensed. This prevents excessive wear and tear and maximizes the useful life of the device. (Check chemical compatibility).

Flow rate

from 0 l/h to 73 l/h

Pressure

from 0 bar to 7 bar

Connection kit

The equipment comes with high-flow valves for both suction and pumping. It also includes one suction assembly for medications or accessories and another for concentrated products.

Motor

At the heart of this equipment is a heavy-duty motor made from a selection of materials that provide a perfect balance between robustness, reliability, durability and efficiency.

Controller

Very simple and user-friendly system with a keypad for adjusting the dose from 0.1 to 10 %. It has a large display with a very intuitive layout thanks to the status color coding. It provides instantaneous flow rate information and totalizers for both water and product volume, as well as running time information.

Installation

The MD Pro dosing pump comes with the bracket, hardware, and accessories needed for easy, convenient and fast installation.

The **Dosing Kit** and **Mixer** are the essential accessories for ensuring reliable and quality dosing.

For further information, please contact our sales department.

Volumetric dosing pump

It provides volumetric and proportional dosing according to the water flow, and is designed for both soluble solutions and concentrated liquids.

Dosing

from 0,1 % to 10 %

Water flow rate

from 10 l/h to +20 m³/h





LOW FLOW RATE 6 - 2.500 l/h



This model includes a high-performance flow meter with starter mechanism below **2 l/h**. Alongside the high-precision pump, this makes it the perfect system for low flow rates, not forgetting that its maximum capacity is **2,500 l/h**.

MD Pro Dosing Pump

Model	Code	Dosing	Pump flow rate	Máx. pressure	Voltage
MD Pro 73	17012073	0,1 - 10 %	73 l/h	7 bar	230 Vac

CHARACTERISTICS

Suction height: 1.5 m
Flexible pump pipe: 15 x 21 mm
Fluid temperature: from 1 to 45 °C
Pump body material: PVDF/Ceramic/PTFE

Includes: double suction assembly: for medication and concentrates, pump hose (2 m), injection valve, bracket and hardware.

Low flow dosing kit

Model	Code	Fitting connection	Qa	Min. Q	Máx. Q
KIT 25/620 L	17132126	3/4"	2 l/h	6 l/h	2.500 l/h
KIT 32/620 L	17132132	1"	7 l/h	11 l/h	4.000 l/h

Includes: meter, pulse emitter, fittings, and injection valve collar.

*Other kits available. Check with the sales department.



STANDARD 50 - 3.750 l/h



Standard system specially designed for the pig sector. It is a very versatile system due to its size and capacity to start the flow meter from **20 l/h**, as well as the high adjustability of the dosing pump.

Dosificador MD Pro

Model	Code	Dosing	Pump flow rate	Máx. pressure	Voltage
MD Pro 73	17012073	0,1 - 10 %	73 l/h	7 bar	230 Vac

CHARACTERISTICS

Suction height: 1.5 m
Flexible pump pipe: 15 x 21 mm
Fluid temperature: from 1 to 45 °C
Pump body material: PVDF/Ceramic/PTFE

Includes: double suction assembly: for medication and concentrates, pump hose (2 m), injection valve, bracket and hardware.

Standard dosing kit

Model	Code	Fitting connection	Qa	Min. Q	Máx. Q
KIT 25/120 L	17132026	3/4"	10 l/h	50 l/h	2.500 l/h
KIT 32/420 L	17132033	1"	20 l/h	50 l/h	4.000 l/h
KIT 40/420 L	17132041	1 1/4"	20 l/h	90 l/h	6.300 l/h

Includes: meter, pulse emitter, fittings, and injection valve collar.

*Other kits available. Check with the sales department.





ADVANCED XL

90 - 10.000 l/h



The **XL** model is the largest in the range and is designed for more demanding applications. It is equipped with a high-performance pump with dose adjustment from 0.002 to 38 %, capable of working with pressures of up to 7 bar.

CHARACTERISTICS

Dosage MD40 120 l/h model: 0 - 2 % flow rate 6,000 l/h / 0 - 5 % flow rate 2,400 l/h.
 Dosage MD40 200 l/h model: 0 - 5 % maximum flow rate 4,000 l/h
 Dosage MD50 200 l/h model: 0 - 2 % flow rate 10,000 l/h / 0 - 5 % flow rate 4,000 l/h.
 Water inlet and outlet connection: 1¼" BSP (MD40) / 1½" BSP (MD50)
 Flexible pump pipe: 19 x 26 mm
 Suction height: 4 m
 Maximum flow rate: 6,000 l/h (MD40) / 10,000 l/h (MD50).
 Starter flow rate: 20 l/h (MD40) / 40 l/h (MD50)
 Fluid temperature: from 1 to 45 °C
 Pump material: PVC/Ceramic/FPM.

Model	Code	Pump flow rate	Máx. pressure	Voltage
DOSI MD40/120 PVC	17011440 + 17132042	120 l/h	7 bar	230 Vac
DOSI MD40/200 PVC	17011441 + 17132042	200 l/h	4 bar	230 Vac
DOSI MD50/200 PVC	17011450 + 17132052	200 l/h	4 bar	230 Vac



ACCESSORIES

The **Mixer Clean**, one of our star products, has become an essential accessory for perfectly dosing medications, acids and supplements.

MIXER

With the addition of a **Mixer** to your installation, you will ensure uniform concentration throughout the entire dosing time.

How does it do it? With low-speed mixing with the de-foaming propeller. It also includes a programmable timer so you can adjust the running time according to your needs, and the new continuous cleaning system means the suction assembly can be cleaned without needing to shut down the device.

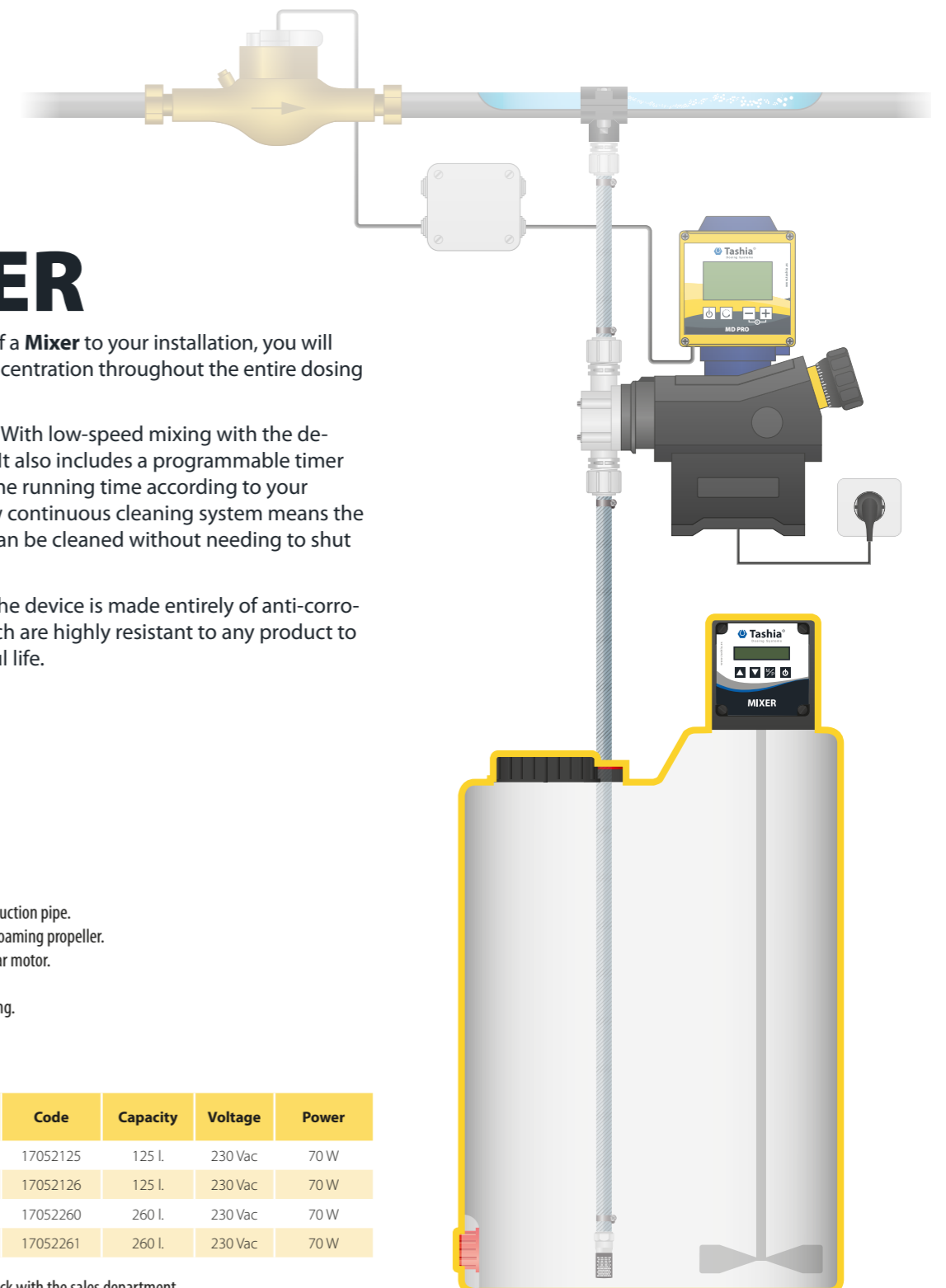
And that's not all. The device is made entirely of anti-corrosion materials, which are highly resistant to any product to ensure a long useful life.

TECHNICAL DATA

Polyethylene tank with PVC suction pipe.
 316-grade stainless steel defoaming propeller.
 Low-speed mixing with a gear motor.
 Continuous cleaning system.
 Bottom cap for quick emptying.
 Adjustable mixing timing.
 Protection: IP 65.

Model	Code	Capacity	Voltage	Power
MIXER 125C/230	17052125	125 l.	230 Vac	70 W
MIXER 125C/230 ECO	17052126	125 l.	230 Vac	70 W
MIXER 260C/230	17052260	260 l.	230 Vac	70 W
MIXER 260C/230 ECO	17052261	260 l.	230 Vac	70 W

*Other models available. Check with the sales department.





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