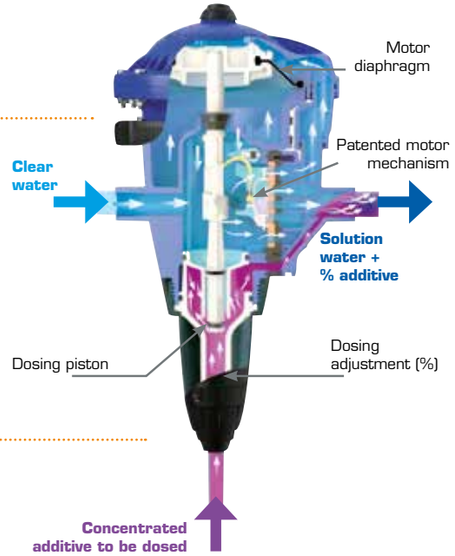
DOSATRON TECHNOLOGY

Dosatron technology is based on a hydraulic motor pump activated only by the pressure and the flow of the water.

The hydraulic motor: diaphragm technology

The motor diaphragm moves under the pressure of the water.
A system of valves allows the movement to be reversed.

The dosing pump is called a VOLUMETRIC pump.



The dosing assembly

The dosing piston driven by the motor continuously injects a fixed volume of product (adjustable capacity of the dosing body). The dosing piston will inject the quantity of product that corresponds to the volume of water passing through the motor. Therefore, the operating principle ensures constant dosing, independently of the variations in flow rate and pressure of the water.

The injection of the product is PROPORTIONAL to the water flow rate.

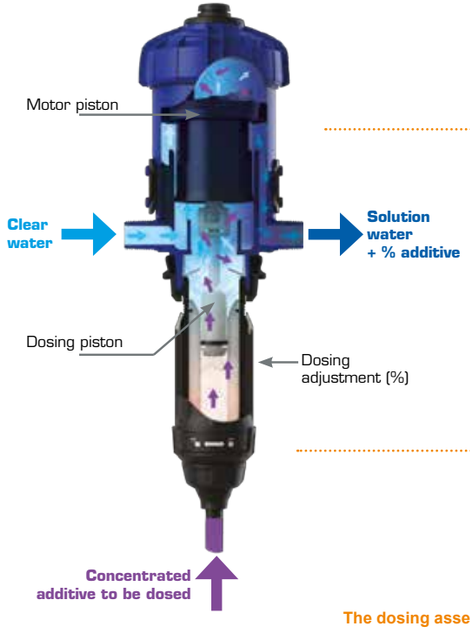
DIA

- Optimal performance even at very low flow rates (young animals / small groups)
- Excellent efficiency at low water pressure (gravity-fed tanks, pressure losses)
- Exceptional motor lifespan, even with loaded water (iron, manganese, hard water…)
- Lowest motor maintenance cost on the market
- External injection protecting the motor from chemical attacks & abrasion from poorly solubilized powders
- Dosing up to 4% to ensure perfect solubility of oral powders

The hydraulic motor: piston technology

The motor piston moves under the pressure of the water.
A system of valves allows the movement to be reversed.

The dosing pump is called a VOLUMETRIC pump.



The dosing assembly

The dosing piston driven by the motor continuously injects a fixed volume of product (adjustable capacity of the dosing body). The dosing piston will inject the quantity of product that corresponds to the volume of water passing through the motor. Therefore, the operating principle ensures constant dosing, independently of the variations in flow rate and pressure of the water.

The injection of the product is PROPORTIONAL to the water flow rate.

D25+

- Most widely used dosing technology in the livestock sector
- High dosing capabilities to ensure proper solubility of oral powders
- Simplified maintenance thanks to a reduced number of spare parts
- Excellent in-line dosing homogeneity
- Food contact certified & SmartDosing compatible
- Polypropylene motor housing for enhanced chemical resistance

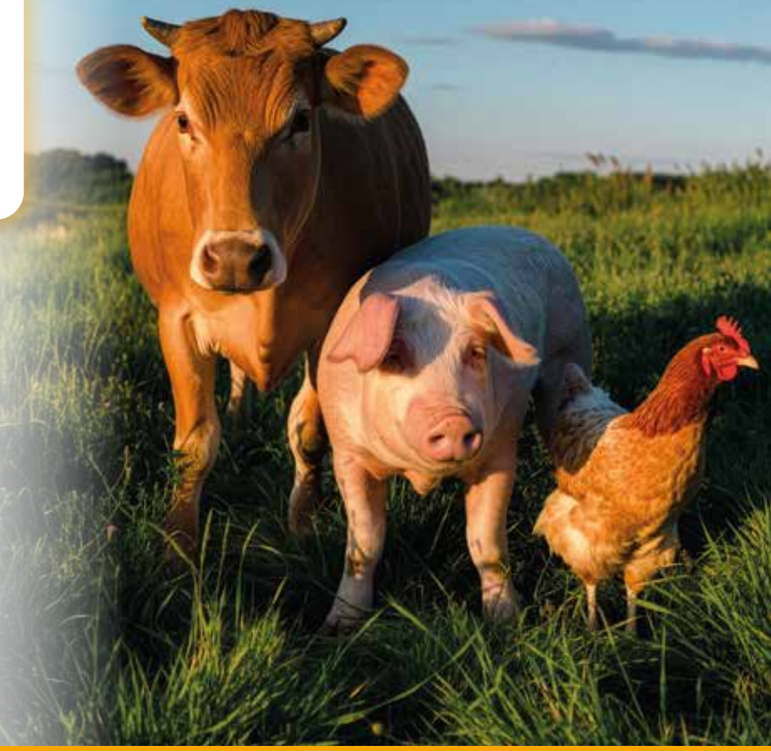
DOSATRON®
Because life is powered by water®

EN

Customer service

DOSATRON APP
Your daily assistant

Google Play | App Store



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Animal Health Line

Animal Health Line

- Fast and flexible administration of treatments via drinking water
- Starts at very low flow rates & low gravity pressures
- Precise and homogeneous dosing regardless of variations in water flow and pressure
- Special models available for highly concentrated organic acids
- Reduces the risk of cross-contamination compared to other treatment methods
- Reduced animal stress and time savings for the operator

- VACCINATION VIA DRINKING WATER
- MEDICATION VIA DRINKING WATER (curative & metaphylactic)
- ACIDIFICATION VIA DRINKING WATER
- SUPPLEMENTATION VIA DRINKING WATER (minerals, vitamins, probiotics, essential oils...)
- DRINKING WATER DISINFECTION (special WL - water line dosing units)
- DECONTAMINATION OF VEHICLES AND PERSONNEL
- MISTING SYSTEMS

Available options

- PVDF : Carter for strong acids and aggressive products
- VF : For acidic additives, oils, deodorants, phyto
- K : For highly concentrated acids (>15%) - PVDF systematic
- BP : (Integrated by-pass) system for manual activation of the additive suction (on) and stop (off)
- EPDM : Static dosing seals for concentrated organic acids
- Support legs
- Food contact
- SmartDosing compatible













DIAAL	Dosage		Operating flow range min, - max,		Operating pressure		Displacement		Injection flow rate		Version
Unmatched performance	%	Ratio	l/h	US gpm	bar	psi	l	Gal US	l/h	US fl. oz/min min. US GPM max.	Serial
DIA4AL	1 - 4	1:100 - 1:25	4,5 - 2500	0.02 - 11	0,15 - 4	2.2 - 58	0,47	0.124	0,045 - 100	0.025 - 0.44	VF BP
Connection (NPT/BSP) [3/4" M]											

D25ALN	Dosage		Operating flow range min, - max,		Operating pressure		Displacement		Injection flow rate		Version
The New Standard	%	Ratio	l/h	US gpm	bar	psi	l	Gal US	l/h	US fl. oz/min min. US GPM max.	Serial
D25AL5N	1 - 5	1:100 - 1:20	10 - 2500	0.04 - 11	0,30 - 6	4.3 - 85	0,45	0.118	0,1 - 125	0.056 - 0.55	VF SD
D25AL2N	0,2 - 2	1:500 - 1:50	10 - 2500	0.04 - 11	0,30 - 6	4.3 - 85	0,45	0.118	0,02 - 50	0.011 - 0.22	VF
Connection (NPT/BSP) [3/4" M]											

D6AL	Dosage		Operating flow range min, - max,		Operating pressure		Displacement		Injection flow rate		Version
Next generation *Medium to large farms*	%	Ratio	l/h	US gpm	bar	psi	l	Gal US	l/h	US fl. oz/min min. US GPM max.	Serial
D6AL2	0,2 - 2	1:500 - 1:50	100 - 6000	0.44 - 26.4	0,30 - 8	4.3 - 116	1	0,26	0,2 - 120	0.112 - 0.528	VF
Connection (NPT/BSP) [1 1/4" M]											

D9AL	Dosage		Operating flow range min, - max,		Operating pressure		Displacement		Injection flow rate		Version
Large farms	%	Ratio	l/h	US gpm	bar	psi	l	Gal US	l/h	US fl. oz/min min. US GPM max.	Serial
D9AL2	0,2 - 2	1:500 - 1:50	500 - 9000	2.2 - 40	0,30 - 8	4.3 - 116	1,7	0.449	1 - 180	0.56 - 0.79	VF BP
Connection (NPT/BSP) [1"1/2 M]											

D20AL	Dosage		Operating flow range min, - max,		Operating pressure		Displacement		Injection flow rate		Version
Large cattle farms	%	Ratio	l/h	US gpm	bar	psi	l	Gal US	l/h	US fl. oz/min min. US GPM max.	Serial
D20AL2	0,2 - 2	1:500 - 1:50	1000 - 20000	5 - 100	0,12 - 10	2 - 145	5	1.32	2 - 400	1.13 - 1.76	VF BP
Connection (NPT/BSP) [2" M]											

D25REAO	Dosage		Operating flow range min, - max,		Operating pressure		Displacement		Injection flow rate		Version
Undiluted organic acids	%	Ratio	l/h	US gpm	bar	psi	l	Gal US	l/h	US fl. oz/min min. US GPM max.	Serial
D25RE09AO	0,1 - 0,9	1:1000 - 1:112	10 - 2500	0.04 - 11	0,30 - 6	4.3 - 85	0,45	0.118	0,01 - 22,5	0.0056 - 0.1	EPDM K PVDF
D25RE2AO	0,2 - 2	1:500 - 1:50	10 - 2500	0.04 - 11	0,30 - 6	4.3 - 85	0,45	0.118	0,02 - 50	0.011 - 0.22	EPDM K PVDF

SmartDosing



GENERICS

D25RE2
Dosage: 0.2 - 2 % [1:500 - 1:50]
Operating flow range: 10 l/h - 2.5 m³/h
Operating pressure: 0.30 - 6 bar

D25RE5
Dosage: 1 - 5 % [1:100 - 1:20]
Operating flow range: 10 l/h - 2.5 m³/h
Operating pressure: 0.30 - 6 bar

D25RE10
Dosage: 3 - 10 % [1:33 - 1:10]
Operating flow range: 10 l/h - 2 m³/h
Operating pressure: 0.30 - 4 bar

Available options:
PVDF IE