



Animal Health

Non-Electric Water-Driven Dosing Pumps

Medication Through Drinking Water

For many years now, drinking water medication has proved its efficiency and flexibility to allow fast implementation in emergency situations.

The current development of legislation and constant improvement of medication solubility are indicative of regained interest in the technique to use the right dose of medicine at the right time and only when necessary.

D9



Specifications

D9AL2

Water Flow	500 - 9000 L/hr
Operating Pressure	0.15 - 8 bar
Dosage	0.2 - 2%

Advantages of Medication Through Drinking Water

- In general, sick animals or animals under stress continue to drink to compensate for hypothermia and dehydration.
- Compared to the feed, drinking water guarantees quick action and assimilation of treatment before irreversible lesions appear, also minimizing the spread of infection.
- It offers flexibility (adjustment of the dose or the duration, changes/ associations of treatment under veterinary control).
- Treatment is more homogeneous and the doses more regular.
- There are fewer risks of cross contamination with antibiotic residues.
- There is no interference between treatment and other additives in the feed and a better stability than with pelleted feed (steam, high temperature, pressure)

Dosatron Advantages Over Traditional Medication Tanks

- Fast to implement in case of emergency.
- Doses and treatment can be modified at any time (dosing scale easy to adjust / small stock solution tank easy to handle and to clean).
- Limitation of sedimentation, deposits and contamination (rising temperature) in the header tanks (improved hygiene conditions).
- Avoiding the risk of over-dilution of the treatment in the medication tank (operated with float valve) or non-supply of water after medication (when the Dosatron small stock solution tank is empty, fresh water keeps going through Dosatron to the drinkers).
- Dosatron also allows the sanitation of water pipes and drinking troughs to eliminate treatment residues & bio-films (Dosatron dosing rates up to 3% or more are often required).
- Limits risks by simplifying powder handling compared to medication header tanks: moisture, weight, transport.
- No heavy task of filling medication header tanks, sometimes several times per day (un-adapted tank size).
- Less dosing errors when preparing the treatment.
- Self-priming of the Dosatron when animals start drinking.
- Precise dosing, regardless of variations in water flow (animal consumption) or water pressure, which may occur in the main line.
- Fits easily into existing watering systems.



DIA

Diaphragm Technology

Ideal for very low water flow (treatments from the very first days) and water pressure (header tanks), for water with minerals contents (long lasting motor)



Specifications	DIA4RE
Water Flow	4.5 - 2500L/hr
Operating Pressure	0.15 - 4 bar
Dosage	1 - 4%

D25

Piston Technology

A safe bet (the most widely used technology in livestock) The Dosatron Piston Technology range has a higher water flow possibility (up to 800 L/h and more), a higher homogeneity and a simpler maintenance thanks to a lower number of spare parts.



Specifications	D25RE2	D25RE5	D25RE10
Water Flow	10 - 2500 L/hr		10 - 2000 L/hr
Operating Pressure	0.3 - 6 bar		0.3 - 4 bar
Dosage	0.2 - 2%	1 - 5%	3 - 10%

Water System Installation

In case of direct supply from a well pump, install pressure tank upstream

