



MULTISPRAY

MicroDos

Non-Electric, Fluid Driven Proportional Injectors

Discover the MicroDos Difference

- No extra cost for proprietary composite body, which exceeds PVDF for chemical compatibility and for mixing aggressive chemicals.
- No extra cost for built-in on/off switch, which allows user to stop the injection—but not the system.
- Separate internal mixing chamber to prevent chemical contact with motor piston—for longer life and uniform mixing.
- Highest standard operating pressure in the industry, minimizing pressure surge damage.

MicroDos offers the widest range of models in the industry with flow rates from 7 l/h to 795 l/h and injection ratios from 0,5% to 10%.

Principle applications

Degreasing, Disinfecting, Dispersants, Inhibitors, Lubrication, Medication, Mistig Systems, Odor Control, Pesticides, PH/TH Correction, Rinsing, Sanitizing, Soaps & Foams, Surfactants, Weed Control



Injection range:
0.5% to 10%

Water flow range:
7 l/h to 795 l/h

Operating pressure:
0.5 to 6.9 bar

*Depending on model

Often Used



horticulture



animal health



irrigation



vehicle care



industry



food processing

Further Information

Basic installation



tank feed installation



inline installation



dual remote injection installation



bypass installation

Operating principle

Installed directly in the water supply line, the injector operates without electricity, using water pressure as the power source. The water drives the injector, which pulls the required percentage of concentrate directly from the chemical solution container. Inside the patented mixing chamber the concentrate is mixed with the water and the water pressure forces the mixed solution downstream. The amount of concentrate will be directly proportional to the volume of water entering the injector, regardless of variations in flow or pressure.

General Specifications

Housing	Proprietary engineered composite material
Dosing	+/- 10%
Repeatability	+/-3%
Pressure loss	0,2 - 1 bar max
Fluid max. temp.	38°C
Fluid min. temp.	1°C
Max. vertical suction of concentrate	3,6 m
Max. horizontal suction of concentrate	15 m
Self-priming	Yes
Seal material available*:	Aflas- Alkaline concentrates Viton - Acids, oils & pesticides EPDM - Alkaline concentrates
Maximum Viscosity	1,500 cP (Ex. Honey)

*Contact your representative for specific chemical information.

Warranty details

The cover and body are warranted to be free from defects in materials and workmanship for THREE YEARS from date of purchase.

The motor piston is warranted to be free from defects in materials and workmanship for TWO YEARS from date of purchase.

The lower end is warranted to be free from defects in materials and workmanship for ONE YEAR, from the date of purchase.

Each model is 100% factory tested.

Model	Flow rate	Injection ratio	Pressure	Connections
MicroDos 1% Fixed	7 l/h - 795 l/h	1%	0,5 – 6,9 bar	1/2" bsp
MicroDos 2%	7 l/h - 795 l/h	0,5% - 2%	0,5 – 6,9 bar	1/2" bsp
MicroDos 2% Fixed	7 l/h - 795 l/h	2%	0,5 – 6,9 bar	1/2" bsp
MicroDos 5%	7 l/h - 795 l/h	2% - 5%	0,5 – 6,9 bar	1/2" bsp
MicroDos10% Fixed	7 l/h - 795 l/h	10%	0,5 – 4,5 bar	1/2" bsp