

# Hygiene and disinfection in the agri-food industry

- Abattoirs
- Processing plants
- Bottling lines
- Hatcheries
- Breweries
- Dairy industries



Water flow  
up to 2m<sup>3</sup>/h

## MiniDos

### Fluid-driven proportional injectors

The MiniDos dosing injectors allow you to accurately dose detergents, disinfectants, additives and other liquids used for agri-food hygiene applications.

MiniDos proportional injectors operate without electricity to inject liquid concentrates into a water supply line using flow and pressure as the power source.

All models of the MiniDos range have a mixing chamber separated from the motor. This patented design promotes homogeneous mixing while segregating harsh chemicals from critical internal components.

#### Advantages:

- Accurate and consistent injection regardless of variations in pressure or water flow.
- Resistant to aggressive chemicals thanks to the special design of the mixing chamber, which is separated from the motor.
- Robustness of the fibreglass-reinforced pump casing.
- Quality of the mixture.
- An integrated on/off switch enables the injection to be stopped without cutting off the water.
- Interchangeable low dosing parts.

#### Applications in the agri-food industry

- Disinfection of abattoir trucks.
- Boot-washer and foot baths.
- Washing of fruit and vegetables.
- Injection of salt into ice making machines.
- Disinfection of pipelines.
- Odour control.
- Disinfection of beverage lines.

Models	References	Pressure (bar)	Water flow (l/h)	% Dosing	BSP Input/Output	ON/OFF Button	Gaskets
MiniDos 1%	112601GB	0.5 - 9.6	30 - 2700	0.2 - 1	¾"	Yes	Viton
MiniDos 2.5%	112603GB	0.5 - 9.6	30 - 2700	0.5 - 2.5	¾"	Yes	Viton
MiniDos 5%	112605GB	0.5 - 9.6	30 - 2700	1 - 5	¾"	Yes	Viton
MiniDos 10%	112607GB 112607EGB	1 - 4.5	30 - 2200	2 - 10	¾"	Yes	Viton EPDM

\* Other models are available in our standard MiniDos range. Please contact your Hydro Systems distributor.



## Accessories

The following range of accessories enables optimum operation of the injector, increases its lifespan and simplifies its installation.

### External injection kits

The external injection kit is installed on the dosing unit in order to directly inject the chemical into the pump outlet line, without mixing in the pump.

This is recommended for the injection of chemical products which are incompatible with certain pump components or which result in deposits.

For the installation of a series of injectors, you must install an external injection in order to directly inject the chemicals downstream of the last pump.

Please contact your distributor for further information.



### TwistII Clean Filter

It protects the injector from sediments suspended in the water network.

Patented automatic washing mechanism: a 1/4 turn of the handle reverses the water flow and removes any impurities.



### Bypass Manifold

Comes with the parts that you require to professionally install your injector.

Simply attach the kit to the wall and connect the injector.



References	Description	Use with
011762GB	Viton external injection kit	MiniDos with Viton gaskets
011762EGB	EPDM external injection kit	MiniDos with EPDM gaskets
017004	TIIC Filter 3/4" MPT* 105 Micron, Max. operating pressure 7 bar	MiniDos
SPV0172	Turnkey Bypass Kit	MiniDos

\* MPT (multi-thread) : suitable for 3/4" NPT and 3/4" BSP threads.