



Food & Hygiene

Non-Electric Water-Driven Dosing Pumps

Disinfect & Sanitise

Cleaning and Sanitising in the Food and Beverage Industry

An essential step to prevent the harmful growth of microorganisms starts with surface protection. Under Standard 3.2.2 - Food Safety Practices and General Requirements, the Food & Beverage industry are required to ensure all tools of trade, premises and means of food transport are kept clean and sanitary.

The Importance of Sterilising in Healthcare

With the rise of harmful viruses spreading into the community, sterilisation is paramount in Healthcare to destroy and eliminate all microbial life including infectious pathogens.

Dosatron's Operating Principle

Installed directly in the water supply line, the Dosatron operates by using the flow of water as the power source. The water activates the Dosatron, which takes up the required percentage of concentrate directly from the container and injects it into the water. Inside the Dosatron, the concentrate is mixed with the water, and the water pressure forces the solution downstream.

The dose of concentrate will be directly proportional to the volume of water entering the Dosatron, regardless of variations in flow or pressure, which may occur in the main line.

Do You Know...

The Dosatron Food & Hygiene Line combined with a caustic and chlorinated concentrate is a convenient solution for clearing unwanted beer stone, mold, bacteria and yeast build-up in your beer lines. Amongst the several configurations, the Dosatron can be easily installed in-line or mobilised when mounted to a trolley. The Water Line range is safe to use in the Food and Beverage industry and has NSF certification for quality assurance.

D3

High Temperature Dosing Pump

- Maximum effectiveness of the cleaning product thanks to high-temperature water dosing
- Compatible with all types of acid and alkaline chemicals used in clean-in-place and centralised cleaning systems
- Reliable and consistent dosing regardless of the number of satellites in operation
- Optimisation of water and chemical consumption
- Extremely easy to install, operate and maintain - plug and play



D45



Note: This model is fitted with external injector

Specifications	D3TRE3000	D3TRE5	D3TRE10
Operating Flow	100L/hr min. - 3m ³ /hr max.		
Operating Temperature	70°C		
Operating Water Pressure	0.3 - 6 bar		
Dosage	0.03 - 0.3%	0.5 - 5%	1 - 10%
Injection Rate	0.03 - 9L/hr	0.5 - 150L/hr	1 - 300L/hr
Connection	3/4" Male BSP/NPT - Ø20 x 27mm		

Specifications	D45RE3000	D45RE15	D45RE3	D45RE8
Operating Flow	100 - 4500 L/hr			
Operating Temperature	Up to 70°C			
Operating Water Pressure	0.5 - 5 bar			
Dosage	0.03 - 0.1%	0.2 - 1.5%	0.5 - 3%	3 - 8%

HU1



Unique Technology Associating All Dosing Functions

Dosing Technique: Non-electric proportional

Energy Source: Water flow and pressure

Package Contents:

- 1 Dosatron water powered proportional dosing unit
- 1 ABS-wall case
- 1 Shut-off valve
- 1 Anti-pollution disconnecter
- BA type (standard EN 1717)
- 1 Stainless steel support for 2 drums of 5L or 1 drum of 10L
- 1 Transparent suction hose, length 175cm, diameter 6 x 9mm
- 1 Instruction and maintenance manual
- 1 Protection cap for drum orifice
- 1 Filling kit composed of hose (180cm) and anti-drop nozzle.

Specifications	HU1
Maximum Operating Temperature	40°C
Minimum Operating Temperature	5°C
Operating Pressure	1 - 6 bar
Water Flow Range	100L/hr - 2 m ³ /hr
Injection Range	0.07 - 10%