

Agricultural Applications

DEMA has a wide variety of Agricultural products to fit a range of nutrient injection applications in the Horticulture, Irrigation, Dairy Sanitation and Animal Health markets.

MIXRITE WATER POWERED PROPORTIONERS



- Used to inject fertilizers, nutrients, sanitizers, herbicides, fungicides and insecticides.
- Remains proportional with changes in water pressure and flow
- Various sizes for different flow rates
- Multiple chemical injection rates

Model	Flow Range	Injection	Ratio
566AG	1-11 GPM	1%	100:1
571CW	1-11 GPM	.3% - 2%	333:1 - 50:1
TF.5.002	2-22 GPM	.2% - 2%	500:1 - 50:1
TF.10.002	4-45 GPM	.2% - 2%	500:1 - 50:1
TF.25.002	10-110 GPM	.2% - 2%	500:1 - 50:1

ii-ri G75 VALVES

- Availability - 3/4" - 2", 12VDC - 120VAC, latching and standard
- Higher Quality valves – less field replacements, saves time and money
- Inexpensive replacement parts – overall lower cost of ownership, reduce labor and save with simple replacements
- Field repairable – no need to replace a full valve in the field, no break in plumbing lines, which alleviates the potential for larger plumbing issues



FLEX FLOW PISTON DIAPHRAGM PUMPS



Model	
0960.F	water meter activation
0960.A	pH probe activation



- It is easy to use and program
- Acid pump for pH correction
- F pump for injecting any chemical
- 1.25 GPH injection rate can treat up to 400 GPM of water

EASYDOSE SMART INJECTION



Easydose is an electric diaphragm pump that can be controlled by a 4-20 mA signal to speed up or slow down the pump as needed. This solution is ideal for injecting one or two chemicals into a pressurized line.

Model	
85AC.DP2F	120VAC
85DC.DP2F	12VDC

CYCLONE



This portable injector can be used in food processing, greenhouses, transportation, and animal production. This unit uses a polypropylene body injector with a Ryton metering block, which can be used with fertilizers, sanitizers, chlorine bleach and many more chemicals.

Model	
P203CTC.PI.1	
P203CTC.PI.2	
P203CTC.PI.3	

TRIDENT AG



TRIDENT AG features automatic dosing which eliminates hand measuring and wasted nutrients. A unique modular design provides easy addition of up to 9 individual nutrients. In addition to the TRIDENT AG, you receive the DEMA connect app for easy pumpstand set up and formula creation from any "smart device" via bluetooth. With the ability to write your own personalized formulas you have the freedom to choose what you want, when you want it.

SOLENOID VALVES



GC Valve offers a wide range of valves from mini diaphragm valves for low pressure applications to high pressure valves available with large flow rates. DEMA valves are industrial valves meant to stand up to a true beating in application. DEMA valves are made from solenoid components and have a wide range of uses. Included in the solenoid valve line are NSF valves that have been approved for drinking water use.



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