



SELECT DOSER™

The **Select Doser™** product line offers proportional additive pumps ideal for agricultural and industrial operations to accurately dispense vaccines, medications, vitamins, sanitizers and other solutions into low- or high-pressure water systems.

The Select Doser™ has a unique advantage over other water medicators on the market by offering custom programming to dose at any ratio from 1:10 down to 1:100,000 or deliver product in parts per million (ppm). This custom ratio selection allows the operator to pump from the stock container directly into the waterline without pre-mixing. The on-screen menu allows the user to easily change ratios and monitor current water flow and total water consumption.

Unlike many pumps on the market that corrode overtime, the Select Doser™ is corrosion resistant. The peristaltic pump design prevents aggressive products from contacting the working parts of the pump. This action also prevents dangerous cross contamination and product backflow. Through peristaltic action, the Select Doser™ yields precise water-to-product ratios with over 95% ACCURACY. The accuracy of the unit prevents overdosing and underdosing – saving the user money and resulting in fewer health problems in livestock operations.

The Select Doser™ requires low maintenance with no seals, no valves and no springs to replace - simply change the pump tube every 30 days! All pump tubes are tested for accuracy and durability against most dosing solutions, including acidifiers and chlorine.



SELECT DOSER™ 640

SELECT DOSER™ 380



SELECT DOSER™ MAX



Genesis Instruments offers a variety of mechanical and magnetic **Water Flow Sensors** that are fitted into the waterline. Various fittings are available such as PVC, In-Line Mold and Saddle. These flow sensors measure the rate of the water flow and range from 4 gal/hr to 40,000 gal/hr depending on the model. Flow Sensors communicate with the Select Doser™ resulting in an accurate and timely dose. All flow sensors offered by Select Doser™ are easy to install and engineered for accuracy and precision. Select Doser™ can also hook into an existing water meter.

Genesis Instruments has been serving the animal health industry for over 30 years! Call 1.715.953.2417 for customization, special projects, parts and additional products.

The **SpinStir™** supplies sufficient agitation to keep nutritional, medicinal, vaccines and horticultural powder particles in suspension through the dosing period. Available sizes are 1 Gallon – 5 Gallon or 5 Gallon – 55 Gallon.

The **Tx System** collects water flow data and sends a daily report to the user's mobile phone with a 4-day comparison. A drop in water consumption can signify an approaching health problem in livestock operations.

The **LevelAlert** is designed to provide a visual warning using a strobe light to indicate that a product level is low. LevelAlert can be used in conjunction with Tx System and notify the user via text message about low product level.



Water flow, water line pressure, dosing ratios and voltage are all factors in choosing the correct Select Doser™. After the correct pump is selected, a flow sensor will need to be selected. It is important to stay under the max water flow of the pump tube and within the flow range of the flow sensor. The pump tube required varies based on the dosing ratios that are requested by the customer. Genesis Instruments offers custom programming. Please call 1.715.953.2417.

PUMPS	PUMP TUBES (Gallons Per Hour)	PUMP HEAD ROLLERS	PRESSURE	POWER
Select Doser™ 380	H Tube (Orange) (1.24 x Ratio = Max Water Flow)	Black Assembly for H Tube	80 psi (5.5 bar) Max	12V DC 5A
	F Tube (White) (.222 x Ratio = Max Water Flow)	White Assembly for F Tube		
Select Doser™ 640	640 Tube (Purple) (8.5 x Ratio = Max Water Flow)	Select Doser™ 640 Rollers	32 psi (2 bar) Max	12V DC 5A
Select Doser™ MAX	#1 Santoprene Tube (.21 x Ratio = Max Water Flow)	Quick Pro Rollers	100 psi (7 bar) Max	Control: 12V DC .1A Pump: 120V AC
	#2 Santoprene Tube (.71 x Ratio = Max Water Flow)			
	#7 Santoprene Tube (1.67 x Ratio = Max Water Flow)			
FLOW SENSORS	FLOW RANGE	COMPATIBLE PUMPS		
3/4" Turbine Sensor	5 Gallons – 450 Gallons per Hour	Select Doser™ 380 Select Doser™ 640 Select Doser™ MAX		
1 1/4" Turbine Sensor	50 Gallons – 2,500 Gallons per Hour	Select Doser™ 380 Select Doser™ 640 Select Doser™ MAX		
1 1/2" Paddle Sensor	900 – 9,000 Gallons per Hour	Select Doser™ 380 Select Doser™ MAX		
2" Paddle Sensor	1,800 – 18,000 Gallons per Hour	Select Doser™ 380 Select Doser™ MAX		
3" Paddle Sensor	3,600 – 36,000 Gallons per Hour	Select Doser™ 380 Select Doser™ MAX		
1" Magmeter Sensor	138 – 6,600 Gallons per Hour	Select Doser™ 380 Select Doser™ MAX		