



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 water line without pre-mixing.

Through peristaltic action, the Select Doser™ yields precise water-to-product ratios with over 95% ACCURACY. While other high maintenance pumps on the market keep users guessing how much product is actually being dosed, the accuracy of the Select Doser™ prevents overdosing and underdosing – saving the user money and resulting in fewer health problems in livestock operations.

The on-screen menu allows the user to easily change ratios and monitor current water flow and total water consumption. The ability to monitor water consumption can help identify when animals aren't drinking – informing the user of an approaching health problem in livestock operations.

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 preventing dangerous cross contamination and product backflow.

The Select Doser™ requires low maintenance with no seals, no valves and no springs to replace - simply change the pump tube. 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 water line. 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 5 GPH to 40,000 GPH 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.

Water flow rate, water line size, water line pressure and desired dosing ratios are all factors in selecting the correct Select Doser™ model. It is important to stay under the maximum water flow of the pump tube and within the flow range of the flow sensor.

DOSERS	PUMP TUBES (GPH)	ROLLERS	MAXIMUM PRESSURE	FEATURES
SELECT DOSER™ 640 	640 Tube (8.5 x Ratio = Max Water Flow)	640 Rollers	32 PSI	High Product Output. Ideal for Dosing Medications, Vaccines & Disinfectants into Drinking Water. Low Maintenance.
SELECT DOSER™ MAX 	#1 Tube (.21 x Ratio = Max Water Flow) #2 Tube (.71 x Ratio = Max Water Flow) #7 Tube (1.67 x Ratio = Max Water Flow)	Quick Pro Rollers Fixed Rollers (Old Style)	100 PSI	Low Product Output. Ideal for Water Treatment. Injects into High Pressure Water Lines. Low Maintenance.
SELECT DOSER™ 380 	H Tube (1.24 x Ratio = Max Water Flow) F Tube (.222 x Ratio = Max Water Flow)	Black Rollers White Rollers	80 PSI	Low Product Output. Ideal for Water Treatment. Injects into High Pressure Water Lines. Low Maintenance.
FLOW SENSORS	FLOW RANGES			
#2, VTY 10, 3/4" TURBINE	5 – 450 GPH			
#3, VTH 25, 1 1/4" TURBINE	50 – 2,500 GPH			
1 1/2" PADDLE	900 – 9,000 GPH			
2" PADDLE	1,800 – 18,000 GPH			
3" PADDLE	3,600 – 36,000 GPH			
1" MAGMETER	138 – 6,600 GPH			