



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.

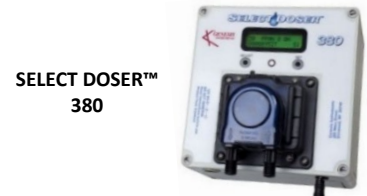
The on-screen menu allows the user to easily change ratios and monitor current water flow and total water consumption. The ability to monitor water consumption can help identify when animals aren't drinking – informing the user of an approaching health problem in livestock operations.

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™
388



SELECT DOSER™
382



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.

For Select Doser™ pumps to dose proportionately to the water flow, pulses are needed from a flow sensor or water meter. Water flow rate, water line size, water line pressure and desired dosing ratios are all factors in selecting the correct pump and sensor combination. It is important to stay under the maximum water flow of the pump tube and within the flow range of the flow sensor or water meter.

TECHNICAL INFORMATION

AVAILABLE PUMPS	AVAILABLE PUMP TUBES (GPH)	ROLLERS	PRESSURE	FEATURES
SELECT DOSER™ 640 	640 Tube (8.5 x Ratio = Max Flow)	640 Rollers	Maximum of 32 PSI at injection point.	High product output (up to 9 gallons of product per hour). Ideal for dosing medications, vaccines and disinfectants into drinking water.
SELECT DOSER™ MAX 	#1 Tube (.21 x Ratio = Max Flow) #2 Tube (.71 x Ratio = Max Flow) # 7 Tube (1.67 x Ratio = Max Flow)	Quick Pro or Old Style Fixed	Maximum of 100 PSI at injection point.	Ideal for low dosing or chemical treatment of water. Choose custom ratios or PPM. Inject into 100 PSI water lines.
SELECT DOSER™ 380 PRODUCT LINE 	H Tube (1.24 x Ratio = Max Flow) F Tube (.222 x Ratio = Max Flow)	Black Rollers White Rollers	Maximum of 80 PSI at injection point.	Ideal for low dosing or chemical treatment of water. Choose custom ratios or PPM. The 382 and 388 models are equipped with dual pump heads for higher product output or dosing multiple products.
FLOW SENSORS	FLOW RANGES (Gallons Per Hour)	For installation videos, parts catalog, helpful documents, manuals and more information on each pump, please visit www.genesisinstruments.com/select-doser		
VTY 10, 3/4" TURBINE	5 GPH – 450 GPH			
VTH 25, 1 1/4" TURBINE	50 GPH – 2,500 GPH			
1 1/2" PADDLE	900 GPH – 9,000 GPH			
2" PADDLE	1,800 GPH – 18,000 GPH			
3" PADDLE	3,600 GPH – 36,000 GPH			
1" MAGMETER	138 GPH – 6,600 GPH			