

SELECT DOSERTM 640

Where Simplicity and Power Meet Your Water Control System

The SelectDoser 640™ is a proportional additive pump for agricultural and industrial operations, accurately dispensing vaccines, medications, vitamins, sanitizers, and other solutions into low pressure watering systems. With a powerful motor and computer-controlled pump, the SelectDoser 640 offers simple, reliable performance with each use.

Through peristaltic action, the SelectDoser 640 yields precise water-to-product ratios with over 95 percent accuracy. The unit has a display screen allowing anytime views of water flow per hour and total water consumption (gallons or liters). And unlike most variable water- and electric-powered pumps, the SelectDoser 640 confines dosed product to the pump tubes. That means aggressive solutions will neither disrupt the pump's mechanism nor corrode its parts.



SIMPLICITY

Easy installation.

A water flow sensor is fitted into the water line downstream from the water filtration system. The SelectDoser 640 is wall-mounted and connected to the water flow sensor's signal line and a 12V DC power supply. Product is then drawn through a delivery tube to the pump, and pumped to the injection port.

Low maintenance.

The supplied pump tube allows a full range of dosing ratios, so there's no need to change tubes when changing product ratios. Only tube wear determines when a new pump tube is required.

Basic commands.

The standard dosing range is between 1:10 (10%) and 1:5,000 (0.02%). Custom ratios are also available, so products can be pumped directly into watering systems—without pre-mixing. A unique "meter-only" feature continues measuring water flow and water consumption when unit is not dosing. The unit's on-screen language option allows for English, Spanish, or French.

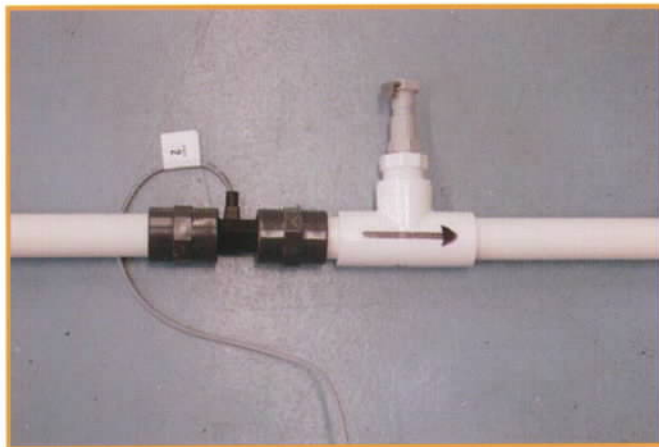


200 Main Street, PO Box 128, Elmwood, WI 54740
Toll-Free: 800-826-3301
Phone: 715-639-9209
Fax: 715-639-2335
E-mail: sales@genesisinstruments.com

SELECT DOSER™ 640



The SelectDoser 640 is wall-mounted and connected to a nearby water line and power supply.



Product moves to the injection port by peristaltic action. A water flow sensor monitors water output.

TECHNICAL DATA

WEIGHT: 2.6 lbs.

STANDARD RATIOS: 1:10, 20, 100, 128, 256, 500, 1000, 2500, 5000

The SelectDoser 640 comes with one of three available water flow sensors:

- Sensor 1 registers water flow at less than 1 gal/hour and is fully accurate from 3 gal/hour to 300 gal/hour. Fits 3/4" pipe.
- Sensor 2 registers water flow at 3 gal/hour and is fully accurate from 10 gal/hour to 450 gal/hour. Fits 3/4" pipe.
- Sensor 3 registers water flow at 10 gal/hour and is fully accurate from 50 gal/hour to 2,500 gal/hour. Fits 1 1/4" pipe.

2", 3", 4", 6" flow sensors available upon request.

ACCURACY: +/- 5%

WATER METER MAX: 100,000,000 gallons (liters optional)

POWER: 12V DC, 3.0 A

PRESSURE: 30 psi max

DOSE INTERVAL: 5 seconds

FILTER: Recommended in water line, upstream of sensor

PUMP TUBES: One size, accommodates all ratios

DELIVERY LINES: PVC tubes

SIGNAL OUT: 1 pulse per gallon output available. Cable accessory available as input to a controller.

POWER

With a powerful, heavy-duty motor and gearbox, the **SelectDoser 640™** can pump up to nine gallons per hour. It offers a choice of three flow sensor assemblies, each providing different metering capabilities.

All pump tubes are tested for accuracy and durability against most dosing solutions, including acidifiers and chlorine. Proven strong and long-lasting, these pump tubes are designed for superior performance.



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