

# SELECT Dosing System

## Select-640

## Technical data

THE SELECT dosing system has been designed for use in agricultural and other situations where products are required to be dosed into water proportionately to the flow.

THE SELECT-640 incorporates a powerful motor and gearbox to give reliable and trouble-free performance.

USING A peristaltic pump has the advantage that dosed products, regardless of how aggressive they are, only come into contact with the pump tube, not the working parts of the pump. Removing the old tube and fitting the new one effectively cleans and renews the pump.

A SERIES OF simple on-screen menu commands allow the operator to choose between a number of pre-set allowable dosing ratios. The standard range is between 1:20 (5%) and 1:40,000 (0.0025%) in 15 stages covering all of the normal dosing ratios. A single pump tube size is used for all dosing ratios. Additional tube sizes can be used for specialist applications. The correct tube to use is indicated on-screen. Additional ratios can be programmed on request up to 1:100,000.

ACCURACY IS achieved with a unique system of continuous monitoring and adjustment of the pump rotor performance and by a new and unique system of Accumulated Flow Data.

TOTAL WATER use (litres or US Gals) and current water flow (litres [or Gals] per hour) are displayed during dosing. A "meter only" feature means that the Select doser can act as a water meter when dosing is not required.

INSTALLATION IS simple. A flow sensor supplied with the doser is fitted into the line to be dosed. The Select doser and pump are wall mounted and connected to both the signal line from the sensor, and power supplies. Dosed product is pumped into the water line via a valved connector.

THE PUMP tubes have been tested for stability and durability against most commonly used dosing products including acidifiers and chlorine. If in doubt, contact Dosing Solutions Ltd or your Distributor.

THERE IS an on-screen option to choose which of the main European languages will be used.



Standard ratios 1:	50; 100; 200; 500; 1,000; 2,500; 3,333; 5,000; 10,000; 20,000; 33,000; 40,000
Max. water flow:	400 – 25,000 l/hr (dependent on ratio and flow sensor)
Min. water flow:	3 l/hr
Max. pumped output:	36 l/hr product
Accuracy:	Better than 95%
Water meter max.:	100,000,000 litres
Power:	12V DC, 3.0A
Pressure:	2 bar (30 psi) max.
Dose interval:	5 secs.
Flow sensor:	Threaded connection
Filter:	Recommended in water line upstream of sensor
Delivery lines:	PVC

**NEW**

### Select-640 features:

More powerful motor  
Stronger gearbox  
Bigger pumped output  
One tube for all ratios  
Stronger, longer lasting tubes  
Upgraded software  
Assisted tube loading  
Design minimises chemical damage  
New PCB design for easy upgrades  
Tube burst sensor fitted as standard

26.02.09 Select 1V 640.2