

SELECT Dosing System

Select-648

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-648 incorporates a powerful motors and gearboxes 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.

Proportional Dosing

The Select-648 is powered from a single power supply or battery, and has a single input from a water flow sensor or water meter.

Each side of the pump (left and right) operates independently. It is therefore possible, for example, to have one side of the pump set to dose at a ratio of 1:10,000 and the other side to dose at 1:25,000.

The pump tube colour to use will be advised on each screen dependant on the ratio selected.

All normal Select Doser program variations are available for the 648.

Pump tubes should be changed regularly. This is a simple procedure which involves removing the pump head cover, taking out the old tube, and using the Tube Load facility to install a new tube.

This is the ideal doser to use for water treatment when water line pressures are below 3 bar, and two different chemicals are being dosed at different ratios. Ideal for dosing water cleaning products as well as acidification products, or when two different products are used frequently.



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 per product
Accuracy:	Better than 95%
Water meter max.:	100,000,000 litres
Power:	12V DC, 3.0A
Pressure:	3 bar (45 psi) max.
Dose interval:	5 secs.
Flow sensor:	Threaded connection Any standard Dosing Solutions flow sensor, or pulsed output water meter.
Filter:	Recommended in water line upstream of sensor
Delivery lines:	PVC
Pump tubes:	Purple, Yellow/Green, Brown

24.09.17 Select 1V 648.2