

# SELECT Dosing System

## Select-382 Split Tandem

### 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-382 Split Tandem incorporates 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 tubes and fitting new ones effectively cleans and renews the pump.

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.

#### Proportional Dosing

The choice of dosing ratio is selected from the screen controls. Details of water flow rate and water consumption is also shown on the screen. Because this is a split system, the two pumps can dose at different ratios. The left-hand pump will dose at the ratio shown on the screen. The right-hand pump can be adjusted to dose at 50% to 100% of the left-hand pump. Example:

- A ratio of 1:1000 is selected on-screen. The left-hand pump will dose at 1:1000
- In the on-screen options a split rate of 50% is chosen. The right-hand pump will dose at 50% of the output of the left-hand pump = a ratio of 1:2000

All normal Select Doser program variations are available for the 382 Split Tandem.

Pump tubes should be changed regularly. This is a simple procedure which involves sliding up the blue pump head covers, unclipping the old tubes and clipping in the new ones.

This is the ideal doser to use for water treatment when water line pressures are relatively high, and the dosed product requirement is low, and two different chemicals are being dosed to achieve the desired chemical effect.



Standard ratios 1:	Any from 1:20 to 1:100,000
Max. water flow:	Dependent on water meter / flow sensor capacity and dosing ratio desired
Min. water flow:	Dependent on water meter / flow sensor sensitivity
Max. pumped output:	9.4 l/hr product
Accuracy:	Better than 95%
Power:	24V or 12V DC, 3.0A
Pressure:	5 bar (70 psi) max.
Flow sensor:	Any pulsed output water meter or standard Dosing Solutions flow sensor
Filter:	Recommended in water line upstream of meter / sensor
Delivery lines:	Polyurethane
Pump tubes:	Orange (larger), or White (smaller). Specialist smallest size = yellow

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