

# SELECT Dosing System

## Select-650 (Tx pre-installed)

### 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 in proportion to the flow.

THE SELECT-650 is a 640 pump but with the Tx system installed within the enclosure.

THIS MODEL of Select doser has all the benefits of the robust 640 design, but with the added benefit to the user of receiving Daily Reports sent to his mobile phone showing the last 4 days of water flow totals with the percentage change between each day.



T

TX100  
Baywatch Site  
2: Baywatch 1  
Daily Water Totals  
Current Rate 99  
Total Today 186  
12:09 3363 +1.4%  
11:09 3315 +9.2%  
10:09 3034 +1.3%  
09:09 2995

An SMS Daily Report Example

A fall in water consumption can indicate a health issue. A rapid response can be most beneficial.

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. It is this data that is accumulated and sent to the user each day in a processed form. The data can also be sent to a Tx-Terminal device attached via USB to a computer. A graphing package is available to view data.

Because Tx is already fitted into the Select-650, the only extra item needed is a customer-supplied SIM card. A second flow sensor and temperature sensor can also be connected to the Select-650.

The data generated by Tx remains the property of the user. It is the user's own Tx system with data being sent to the user's own phone and/or computer. Because of this direct system of data transfer, there are no management fees or running costs involved apart from the costs of a SIM card set up with the cheapest package available.

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, 5.0A
Pressure:	2 bar (30 psi) max.
Dose interval:	5 secs.
Flow sensor:	Threaded connection See web for sensor details
Filter:	Recommended in water line upstream of sensor
Delivery lines:	PVC
SIM card	A basic monthly contract 2G or better with no data or voice required (only SMS)

For full details of the Select-640 doser and the Tx system – see separate data sheets.