



SPECIALISTS IN MEDICATION  
DELIVERY SYSTEMS

PRODUCTS – ADVICE – SERVICE

# WATER DOSING SYSTEMS



## The Real Farmer's Choice



[www.thinklivestock.com](http://www.thinklivestock.com)



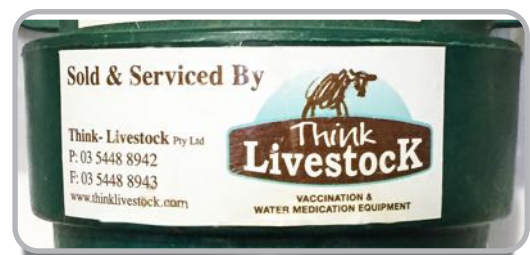
## About Us

Over the past 15 years, Think Livestock has been building an extensive range of premium Water Dosing Systems, working with only the finest manufacturers in the industry. We have the expertise to tailor a system to your farm (or other application) and the international connections to provide specialty systems on request. Don't waste your time or money on a system that isn't right for your needs. Choose from the range of Think Livestock Water Dosing Systems and know that the job is being done right!

over  
the past  
**15**  
years

### *How do you know it's the real thing?*

To make sure that any doser you purchase is covered by the Think Livestock Guarantee, just look for the "tell-tale" label on the machine. Any machine with this label is fully backed up by service at our Central Victorian Facility, and is covered by the Think Livestock Guarantee.



# Services

Think Livestock also provide a number of services related to Water Dosing. The following services are available:

## Water Dosing Consultancy

For farmers who have never used a Water Dosing System before, or who want to make a move from an older setup, Think Livestock's expertise is available in the form of an on-farm service. This service includes:

- Surveying. We can inspect your site prior to the purchase of any water dosing system, to give you the best possible recommendation for your needs.
- Installations – While the different machines we sell are usually quite easy to set up on farm, Think Livestock can send out one of our expert staff to oversee installations and make sure that everything is put in place correctly.
- Audits/On-Site Maintenance – While service requirements for our equipment are minimal, we can perform on-site inspections if required. This service is often taken up by larger farms with a number of dosers in operation, for peace-of-mind and compliance reasons.

## Equipment Repair

Think Livestock's technical staff are capable of performing all levels of maintenance on any system we sell. Whether this means replacing a few seals or a complete refurbishment, it can all be done at our facility in Bendigo.

## Customization/Programming

Think Livestock has the knowledge and expertise to provide custom dosing systems, especially with the Select Doser range. This could just mean providing minor set-up alterations beyond our standard options or it could mean a completely different program for the machine. If such modifications are required, our expert staff can speak with you to get the information necessary to make the changes.



## Gator XL

# Water Pressure Driven Doser



The Gator XL is a fixed-rate, water powered dosing pump. It is sturdy, reliable and easily-maintained. Most maintenance on the Gator can be completed on-farm (or at our Central Victorian facility) and spare parts are inexpensive compared with other water powered pumps. The Gator XL works best under medium to high water pressure.

### Some features of the Gator XL include:

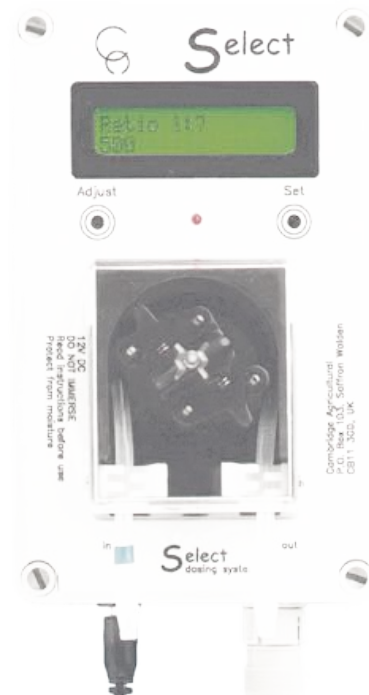
- Water Powered – No electricity required
- Set rate 1:100 pump – Can't be tampered with or mis-calibrated
- Set rate 2:100 version also available. The two versions can be interchanged later, but are both fixed-rate.
- Chemical Bypass – Keeps additives out of the main motor, adding them to the line after the unit.
- Heavy Duty Construction – Can operate in pressures of up to 120 PSI (8 bar)
- Easy maintenance – affordable spare parts can be replaced easily on farm
- Trusted Repair Service – We have factory trained staff who can maintain the Gator at our Central Victorian facility.



## Select 480

# Low-Dose Peristaltic Doser

The Select 480 is a versatile and reliable dosing system, suitable for use in a wide range of dosing applications. While the 480 is suitable for most of the same applications as a 640 Doser, it's at its absolute best when dosing tiny amounts of an additive into the water line, especially in low water-flow situations. This makes it one of our best systems for Chlorine. It features a computer controlled peristaltic pump, which can operate over a range of water flow rates. It can also work across a number of dosing ratios, by switching between 4 colour coded pump tubes. It is best suited to low water pressure environments.



### Some features of the Select 480 include:

- Unrivalled accuracy – The Select series of dosers feature peristaltic pumps, offering 95% (or greater) accuracy.
- No contact between pump and additive – Works safely with harsh, corrosive products.
- 4 Pump Tube sizes – Can be used for a wide variety of dosing applications, while maintaining a gradual and regular addition of product.
- Ideal for Chlorine and other very concentrated products that require small addition rates.
- Variable rate – Choose from 13 pre-installed dosing ratios. If the ratio you need isn't on the Select 480, we can program it for you!
- Several flow sensors available – Works with flows as low as 3 litres per hour, right up to 25,000 litres per hour.
- Long lasting with minimal maintenance – Regularly changing the pump tube keeps service costs low.
- Trusted Repair Service – Our expert staff can repair the Select 480 with minimum down-time, so you don't need to worry about it!
- Battery (12V) and Solar power options available.



## Select 640

# Versatile Peristaltic Doser

(Most Popular Model)

The Select 640 is an extremely versatile doser, suitable for use in a wide range of dosing applications. It features a computer controlled peristaltic pump, which can operate over a wide range of dosing ratios and water flow rates. It is best suited to low-pressure environments.



### Some features of the Select 640 include:

- Unrivalled accuracy – The Select series of dosers feature peristaltic pumps, offering 95% (or greater) accuracy.
- No contact between pump and additive – Works safely with harsh, corrosive products.
- Variable rate – Choose from 13 pre-installed dosing ratios. If the ratio you need isn't on the Select 640, we can program it for you!
- More powerful motor and gearbox – The Select 640 can work over a wider range of speeds, removing the need for different tube sizes for most applications.
- High output – The Select 640 can pump up to 36 litres in most situations and even higher for some low-pressure applications.
- Several flow sensors available – Works with flows as low as 3 litres per hour, right up to 25,000 litres per hour.
- Long lasting with minimal maintenance – Regularly changing the pump tube keeps service costs low.
- Trusted Repair Service – Our expert staff can repair the Select 640 with minimum down-time, so you don't need to worry about it!
- Battery (12V) and Solar power options available.





## Select 380

# Medium Pressure Peristaltic Doser

The Select 380 Doser offers many of the benefits of other Peristaltic systems, but can also interface with standard water meters. It is most useful in medium pressure environments, where small volumes of additive need to be dosed.

### Some features of the Select 360 include:

- Unrivalled accuracy – The Select series of dosers feature peristaltic pumps, offering 95% (or greater) accuracy.
- No contact between pump and additive – Works safely with harsh, corrosive products.
- Variable rate – Choose from 13 pre-installed dosing ratios. If the ratio you need isn't on the Select 380, we can program it for you!
- Water Meter Interfacing – Works with standard water meters.
- Long lasting with minimal maintenance – Regularly changing the pump tube keeps service costs low.
- Trusted Repair Service – Our expert staff can repair the Select 380 with minimum down-time, so you don't need to worry about it!
- 380 Dosers are also available in a dual pump-head configuration, which allows both larger additions of a single product, or two separate products to be delivered by the same dosing machine (eg. Chlorine dioxide).



## Select G5

# High-Pressure Peristaltic Doser

The Select G5 Doser is a High-Pressure Peristaltic Doser. It features a heavy-duty motor and pump, allowing the G5 to work in pressures of up to 6.9 bar (100 p.s.i.). This dosing system is most suitable for applications where low volume of additive is required in a high-pressure environment (eg. Chlorinating the water supply for your entire farm).



### Some features of the Select G5 include:

- Unrivalled accuracy – The Select series of dosers feature peristaltic pumps, offering 95% (or greater) accuracy.
- No contact between pump and additive – Works safely with harsh, corrosive products.
- Variable rate – Choose from 13 pre-installed dosing ratios. If the ratio you need isn't on the Select G5, we can program it for you!
- High Pressure Doser – The Select G5 can work in pressures of up to 100 PSI (6.9 bar). Other dosers in the Select series can only work in up to a maximum 45 PSI of water line pressure.
- Several flow sensors available – Works with flows as low as 20 litres per hour, right up to 25,000 litres per hour.
- Long lasting with minimal maintenance – Regularly changing the pump tube keeps service costs low.
- Trusted Repair Service – Our expert staff can repair the Select 640 with minimum down-time, so you don't need to worry about it!





# Custom Select Dosers



Because they are based around a computer control system, Select Dosers can be set up with a large range of different software types to suit the needs of your application. If you have a specific need in mind, Think Livestock can customize the software to meet your requirements. We have so many options these days that it's often best for you to speak with one of our expert staff, tell us your challenge (what you need a doser to do) and let us direct you to the best options for your needs. Some of the current custom packages are as follows:

- **Timed Dosing Software**

For applications where the flow rate will remain constant, or where a set rate of additive is required regardless of flow, a software package can be provided to change Select Dosers to add set amounts of an additive at pre-programmed intervals.

- **Single Shot Software**

Select Dosers can be used as a cost-effective option for fluid transfer applications (such as the application of dyes, filling of medication containers, etc). To do this, a basic software set is installed onto a Select Doser, which is then paired with a button, footswitch, or other control device. Each time the button or footswitch is pressed, the pump gives one full, pre-programmed dose.

- **Livestock Software**

Some applications (such as extensive cattle) require a certain number of mL per animal per day. Because the water flow may vary with weather conditions, a special program has been created to allow our Select Dosers to adjust themselves to these changes, ensuring that the correct dose is given to livestock each day regardless of changes in water flow.

- **OEM/Private Branding**

Are you the manufacturer/distributor of a water soluble additive? Think Livestock can provide a dosing system that is set up with a custom ratio set for YOUR product alone. This makes the system simpler than ever for your customers to use, as they don't need to adjust their pump or pre-dilute an additive as they might need to do with other machines.

# Flow Measurement

When using one of our Select Dosers as a proportional dosing machine (which is the standard setup for these machines), it is necessary to use a Flow Sensor. Think Livestock has a range of instruments for this task. It is important to make a distinction between Flow Meters (low level of precision, often cheaper) and Flow Sensors (very accurate, slightly more expensive). All of our Dosers can interface with the Flow Sensors listed below, but only the 380 Doser can be used with Flow Meters.

## (Subheading) VTY/VTH Turbine Flow Sensors



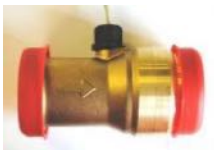
### VTY10

- Can accurately read from 10 – 1500 litres per hour



### VTH25

- Can accurately read from 200 – 10,000 litres per hour



### VTH40

- Can accurately read from 400 – 25,000 litres per hour

### TBR10 Flow Sensor

- Can accurately read from 3 – 1350 litres per hour

## (Subheading) MFS Flow Sensors



### MFS8

- Can accurately read from 15 - 300 litres per hour

### MFS 10

- Can accurately read from 180 - 3600 litres per hour



### MFS20

- Can accurately read from 720 – 14,400 litres per hour

### MFS25

- Can accurately read from 900 – 18,000 litres per hours

## (Subheading) Flow Meters

Available in K10 (10 litres per pulse) and K1 (1 litre per pulse) versions.

Sizes: ¾", 1 ¼", 2"



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# THE THINK LIVESTOCK GUARANTEE

ANY EQUIPMENT WE SELL WILL WORK FIRST TIME  
OR WE'LL REPLACE IT



ANY EQUIPMENT REPAIRED BY US WILL RETURN IN  
FULL WORKING ORDER, OR WE'LL FIX ANY ADDITIONAL  
PROBLEMS WITH NO LABOUR CHARGE, AND A  
GENEROUS 20% DISCOUNT ON ANY EXTRA PARTS  
REQUIRED.



(Contact Information)

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# The SPINSTIR

The SPINSTIR is a highly efficient and easy-to-use stirrer for use with all types of powdered product held in a stock solution.

Holding stock solutions containing particles in suspension can be problematic. In a highly concentrated form, many powder products are not able to be dissolved. When this occurs there is a possibility that the particles will settle out during dosing, leaving a residue in the stock container after the dosing period has ended. This can be a costly waste of product, and lead to inaccurate dosing.

The SPINSTIR stock solution stirrer applies sufficient agitation to keep particles in suspension right through the dosing period. All active ingredients are dosed accurately with no product residue remaining at the end of the dosing period.

Products such as:

- **Nutritional powders**
- **Medicinal powders**
- **Vaccines**
- **Horticultural products**

Can all be used with the Spinstir.

Three models of SPINSTIR are available, to suit different volumes of solution:

- **SPINSTIR 6-240/6-12**  
The smallest model, designed to stir up to 20 litres of liquid.
- **SPINSTIR 10-12**  
The standard model, can stir up to 100 litres of product.
- **SPINSTIR 15-12**  
The largest version of the Spinstir. Can handle up to 200 litres of liquid.

*Please note that all versions of the Spinstir can be supplied with either mains (240V) or Battery power options.*