

G5 Livestock Doser Technical data

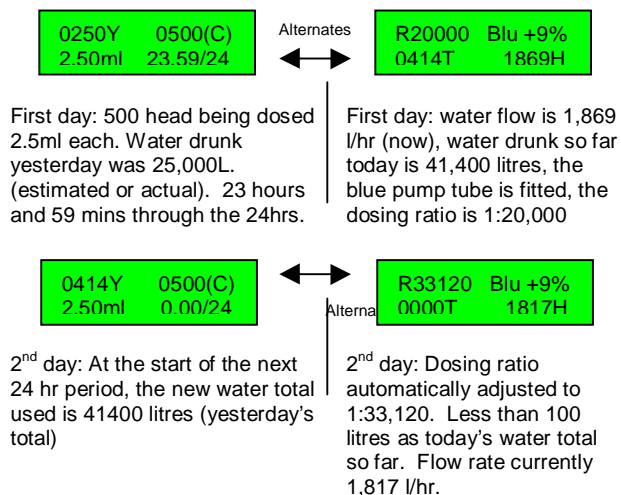
Dosing products to livestock at a precise level over a full 24 hours has proved, in the past, to be problematical. With daily changes in the drinking pattern and quantity, it has been impossible to dose products at the correct ratio, day after day.

The Select Livestock Doser is the complete solution to this dosing problem.

Features and Benefits:

- The first day's water use can be either estimated, or the doser left to acclimatise – learning the drinking level of the livestock.
- Daily water consumption is monitored and recorded to set the next day's dosing ratio
- A new dosing ratio is automatically set each day to take account of the current water consumption level
- Product is dosed over the full 24 hour period
- Exact ml/head dosages can be achieved and spread over 24 hrs
- Sudden increases in water consumption do not lead to over-dosing. "Done" shown when the full daily dose has been achieved. The pump then rests for the remainder of the 24 hr period.
- Up to 25,000 doses of 2.5ml can be given per day per doser (will vary with pump tube size).
- Double pump-head version available to double output.
- Changes in water consumption due to temperature increases or decreases are compensated for – automatically.

Typical on-screen information:



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. Unclipping the old tube and clipping in the new one effectively cleans and renews the pump.

ACCURACY IS achieved and maintained with a unique system of continuous monitoring and adjustment of the pump rotor performance.

INSTALLATION IS simple. A flow sensor supplied by Dosing Solutions Ltd is fitted into the drinking line to be dosed. The Select doser is wall mounted and is connected to both the signal line from the sensor, and a 12V DC power supply and 220 – 240V AC supply. Dosed product is pumped into the drinking water system pipe line via a valved connector.

Max. water flow:	10,000 l/hr (VTH25) 25,000 l/hr (VTH40)
Max. pumped output:	2.7 l/hr (#2 tube)
Dose amount:	Standard set of 15 choices. Others on request
Accuracy:	Better than 95%
Water meter max.:	100,000,000 litres
Power:	12V DC, 300mA, and 220-240V AC
Pressure:	6.9 bar
Dose interval:	20 secs.
Flow sensor:	Threaded connection
Filter:	Recommended in water line upstream of sensor
Delivery lines:	LDPE tube
Water total:	Displayed in '00 litres format (i.e. 404T = 40,400 litres)