



The Sema Range of Variable Speed Milk, Vacuum, Water and Effluent Pump controllers.

*From the smallest milk pump controller to the largest effluent pump controller all Sema product is made to cope with rural power and to last. All Sema product carries a "best in the industry" **3 year factory warranty!***

The Sema MPC (Milk Pump Controller)

- ◆ More features than any other Milk Pump Controller
- ◆ Patent Pending 'Froth Fighter' software that enables a centrifugal pump to pass froth (visit www.sema.co.nz for more information)
- ◆ Super easy setup which enables the unit to be perfectly configured for an individual shed in less than a minute.
- ◆ The fully analogue float level probe is made right here at Sema
- ◆ Available in either single or three phase at no extra cost
- ◆ All MPC's can run any type of pump up to 2.2kw



The Sema VPC (Vacuum Pump Controller)



- ◆ Available in sizes up to 22 Kw
- ◆ Will automatically configure itself to suit any type of vacuum pump.
- ◆ Soft ramp up from start and ramp down to stop.
- ◆ Extends the life of the Vacuum Pump
- ◆ In a typical installation the VPC will reduce power consumption by at least 50%.

The Sema WPC (Water Pump Controller)



- ◆ Available in Single phase to run pumps up to 2.2kw (Larger sizes available on request)
- ◆ Available in Three phase to run pumps up to 250 kw (No, it's not a typo!)
- ◆ Precise pressure control provides far better water reticulation to distant troughs than conventional on/off control
- ◆ Extends the life of the pump and lowers maintenance
- ◆ Unique 'ripple control' introduces a small pressure ripple into the controlled set-point and uses the time that the pressure takes to drop to assess how much water is actually being used.
- ◆ Maximum run time timer.
- ◆ Loss of Prime (Dry run) detection and prevention.
- ◆ Will configure itself to work with any type of pump

The Sema EPC (Effluent Pump Controller)

- ◆ Available from 11kw to 250kw
- ◆ Available in both flow and pressure control models
- ◆ Run dry protection
- ◆ Burst pipe protection
- ◆ Maximum run time protection
- ◆ Blocked pipe protection
- ◆ Can control a stirrer motor
- ◆ Can control a priming solenoid
- ◆ Maximum pressure cut out. (For Mono type pumps)
- ◆ Can switch between three separate set-points.
- ◆ Lower power consumption
- ◆ Extend pump life expectancy

