



# RVS Matrix Micro Panel



The RVS Matrix Microprocessor Control utilizes the latest in microprocessor technology to provide a total control solution for Recirculator Packages. RVS is the first in the industry to integrate all of the recirculator functions into a single microprocessor control panel. Standard features include proportional liquid level control, automatic pump control, pump and pump motor protection, data collection and communications. Matrix is packaged into a UL/cUL listed NEMA-4 panel and is available with or without integrated motor starters.

Matrix is easy to set-up and easy to use. The large graphic display and simple keypad combine to provide an easy to navigate, operator friendly interface. Set point entry and calibration require a few basic key strokes. Matrix readily interfaces with most system controls through a globally standard MODBUS communications protocol.

Factory packaging assures a fully tested and functional unit, ready-to-go, without expensive field wiring and complicated PLC logic.

## Matrix is a Lower Installed Cost Solution!

### Operator Interface

- User friendly with large easy to read graphic display.
- Simple keypad screen navigation and set-point entry.

### Integrated Pump Control

## Display Screens:

### Home Screen (Main Display):

- Communications Indicator
- Pump Status
- Pump Differential Pressure
- Time/Date
- Liquid Feed Valve Status
- Alarm Indicator
- Mode - Manual/Remote
- Vessel Level

### Mode Select Display:

- Allows the operator to select pump mode. (On, Off, Auto)

### Data Display:

- Vessel Temperature
- Vessel Level
- Pump(s) On/Off Status
- Vessel Pressure
- Pump Differential Pressure
- I/O Status
- Minimum Flow Status
- Liquid Feed Valve Status

### Set Point Display:

