

# FIELD Environmental Instruments

Equipment Rental and Field Supplies

## Campbell Monoflex

### Integrated Vacuum/Pressure Bladder Controller

*"Your Needs Are Our Business"*



Toll-Free  
**800-393-4009**

The Monoflex Integrated Vacuum/Pressure Controller is designed to operate pneumatic pumps and samplers with a maximum operating pressure of 125 PSI (8.6 bar). The Monoflex I.V.P. Controller is supplied in a waterproof case with quick disconnect air fittings.

During operation, the I.V.P Controller sends regulated pulses of air to either a bladder pump or air/gas pump to cycle the pump. The duration of the pressure and venting air pulses are regulated by the controller as set by the operator to maximize pumping efficiency. An air supply from either an oil-less type air compressor or a compressed air or nitrogen tank is required to supply the controller with air which in turn supplies the pump.

With a maximum operating pressure of 125 PSI (8.6 bar), the Monoflex I.V.P. Controller can operate pumps to 250ft. (75m) of head. An exclusive feature of the controller is the Vacuum Assist Mode. During the fill (vent) cycle, the chambers of all pneumatic pumps fill with the pumped fluid. The Vacuum Assist feature maximizes the amount of fluid entering the pump by applying a low-level vacuum to the pump chamber. In situations where there is a minimum amount of head above the pump body, use of the Vacuum Assist feature can substantially increase the pumping results. Each controller is supplied with a monoflex I.V.P. controller accessory kit and operations manual.

## FEATURES & SPECIFICATIONS

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For Orders or Inquiries:  
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Visit us soon on the web  
[www.fieldenvironmental.com](http://www.fieldenvironmental.com)