

Electronic Precision Metering Pumps

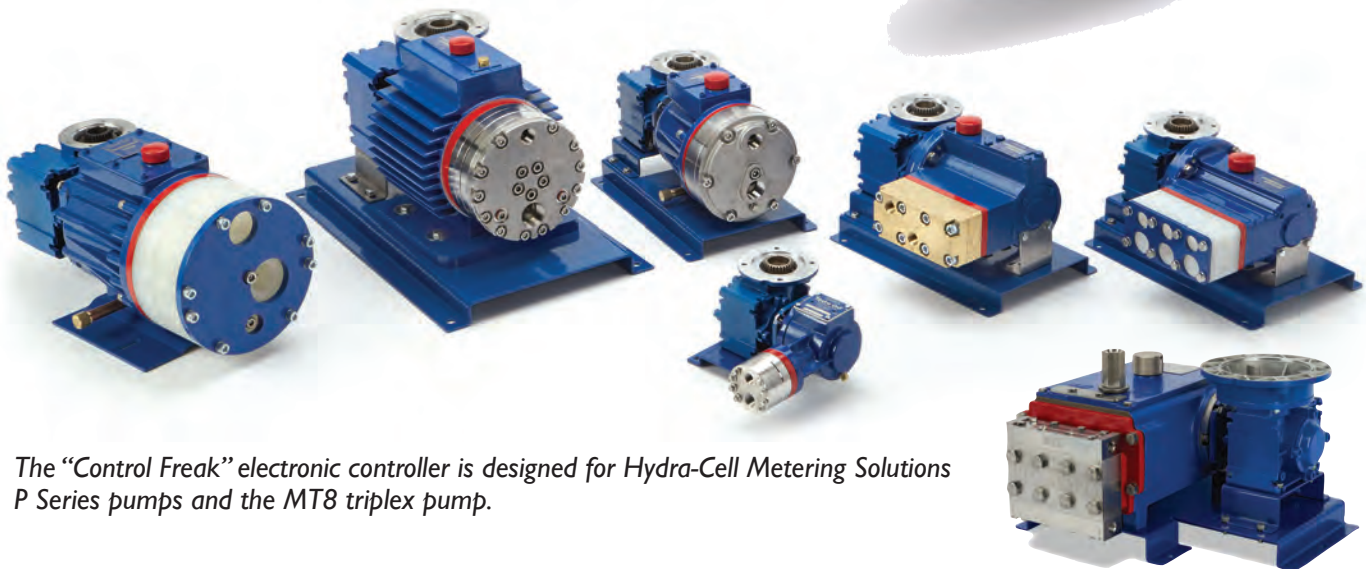
“Control Freak” Touch-screen Controller

Provides optimum motor speed control based on your desired flow and pressure ratings.

The exclusive new “Control Freak” electronic controller provides motor speed control for Hydra-Cell Metering Solutions pumps (or select Hydra-Cell bare shaft pumps) with an easy-to-use touch-screen display.

You can enter the desired flow rate or volume in gallons or liters and system pressure in psi or bar, and the controller automatically runs the pump manually at the desired flow rate, or volume total/time, or in pre-set batches.

Versatile electronic controller allows programming for the flow rate or for totalization of the recent process application as well as the life of the pump.



The “Control Freak” electronic controller is designed for Hydra-Cell Metering Solutions P Series pumps and the MT8 triplex pump.

“Control Freak” Touch-screen Controller for Metering

Performance Features

- Features a Variable Frequency Drive (VFD) available in different hp (or kW) ratings
- Pre-set (with password protection) for Hydra-Cell pump performance algorithms - can also be field-calibrated for greater accuracy
- 7” color graphic touch-screen user interface in a NEMA-4X (or IP) enclosure - easy to operate and visible in low-light areas
- Safety features for emergency stop, loss of power and fault monitoring
- Pump-drive information screen
- Four configurable on-off relays
- Ten separate batch set-up screens
- Two user-configurable analog input displays
- Analog and digital I/O for interfacing with external devices

- One analog input dedicated to a pre-programmed closed loop feedback
- Includes real-time clock
- Versatile – enables programming for the flow rate or for totalization of the recent process application as well as the life of the pump
- Can control up to six (6) pumps with one Hydra-Cell Control Freak screen – requires additional VFDs and I/O modules

Options

- Ball-mount assembly for touch screen
- VFD enclosure
- Additional cables
- Oil temperature probe kit



Opening screen - touch to activate.



Start-up menu options.



Sample menu for batch operation.

“Control Freak” can also be used for controlling motor speed with select Hydra-Cell bare shaft pumps used for metering.



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