

## PRE-ENGINEERED SYSTEMS

Pulsafeeder's Pre-Engineered Systems are designed to provide complete chemical feed solutions for all electronic metering applications. From stand alone simplex pH control applications to full-featured, redundant sodium hypochlorite disinfection metering, these rugged fabricated assemblies offer turn-key simplicity and industrial-grade durability.

Each system is factory assembled and hydrostatically tested prior to shipment.

Pre-Engineered Systems for PULSAtron metering pumps include a compact, rugged High Density Polypropylene frame providing structure for a single, or dual metering pumps and inlet and discharge piping assemblies with full 1" drip rim perimeter.



## FEATURES

- Single, or dual metering pump configurations
- Includes inlet and discharge piping assemblies
- UV-stabilized, high grade HDPP frame offers maximum chemical compatibility and structural rigidity
- Schedule 80 PVC, CPVC or Kynar piping available
- Easy to install and operate
- All of the most common metering pump accessories are included
  - ◊ Ball valves and unions throughout
  - ◊ Suction side: Y-strainers and auto fill calibration columns
  - ◊ Discharge side: pulsation dampeners, pressure gauges with isolators, and discrete back pressure and pressure-relief valves
  - ◊ Conduit box for electrical connections
- Available within two weeks of order
- The rigid 1/2" frame incorporates mounting holes and brackets for anchoring to the floor

## APPLICATIONS

- **Municipal Water:** Disinfection systems with Sodium Hypochlorite, pH Adjustment, Fluoride addition.
- **Municipal Wastewater:** Fume Scrubbers, General Odor Control, pH adjustment, Residual Disinfectant Management, Automotive
- **Food & Beverage:** Clean-In-Place, Clean-Off-Line, Sterilizer Water Treatment, Metal Process
- **Institutional:** Cooling Tower Water Treatment, Boiler Water Treatment, Closed Loop Systems

## MODELS

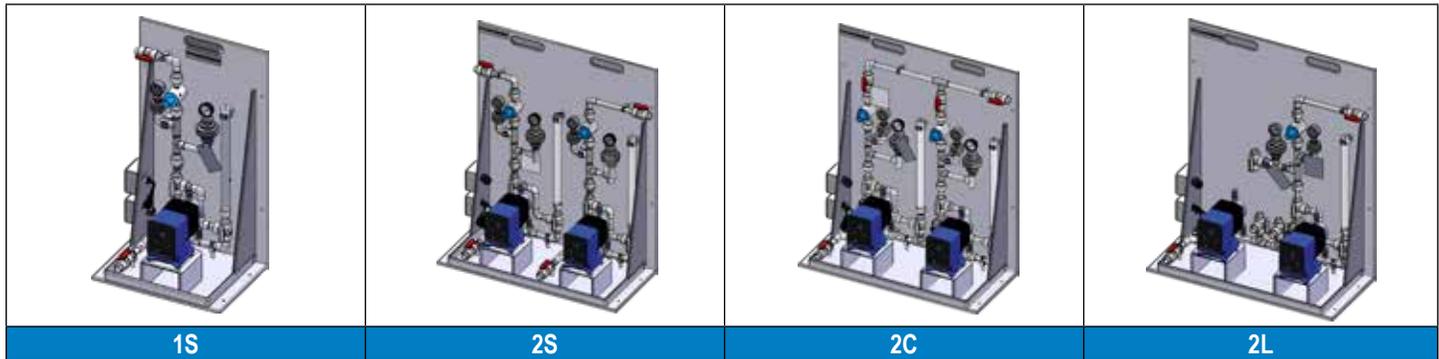
### Single Pump, Standard System

Model Number	Auto Fill Calibration Column	Nominal Elastomer for Components	Description
PES1S-ECF	PVC	EPDM	Standard
PES1S-EHFCF	PVC	EPDM	High Flow*
PES1S-ECCF	CPVC	EPDM	Standard
PES1S-ECHF	CPVC	EPDM	High Flow*
PES1S-VCF	PVC	Viton	Standard
PES1S-VHFCF	PVC	Viton	High Flow*
PES1S-VCCF	CPVC	Viton	Standard
PES1S-VCHF	CPVC	Viton	High Flow*
PES1S-VKCF	Kynar	Viton	Standard
PES1S-VHFKCF	Kynar	Viton	High Flow*

### Dual Pump, Redundant Piping, Not Connected

Model Number	Auto Fill Calibration Column	Nominal Elastomer for Components	Description
PES2S-ECF	PVC	EPDM	Standard
PES2S-EHFCF	PVC	EPDM	High Flow*
PES2S-ECCF	CPVC	EPDM	Standard
PES2S-ECHF	CPVC	EPDM	High Flow*
PES2S-VCF	PVC	Viton	Standard
PES2S-VHFCF	PVC	Viton	High Flow*
PES2S-VCCF	CPVC	Viton	Standard
PES2S-VCHF	CPVC	Viton	High Flow*
PES2S-VKCF	Kynar	Viton	Standard
PES2S-VHFKCF	Kynar	Viton	High Flow*

## SYSTEM CONFIGURATIONS



## PRE-ENGINEERED SYSTEM FEATURES

System Part Number	No. of Pumps	Maximum Pressure	Nominal Thickness	Containment Lip	Nominal Pipe Size	Inlet Valve	Y-Strainer	Calibration Column*	Pulsation Dampener	Pressure Gauge	Back Pressure Valve	Pressure Relief Valve	Interconnected Piping	Discharge Valve	Height	Width	Depth	Approx. Wt (no pumps & Plastic Pipe)	Approx. Wt (no pumps & SS Pipe)
PES1S	1	150 PSI	1/2"	√	1/2"	1	1	1	1	1	1	1		1	38"	22"	16"	32 lbs	38 lbs
PES2S	2	150 PSI	1/2"	√	1/2"	2	2	2	2	2	2	2		2	42"	36"	16"	62 lbs	70 lbs
PES2C	2	150 PSI	1/2"	√	1/2"	1	1	2	2	2	2	√		1	42"	36"	16"	62 lbs	70 lbs
PES2L	2	150 PSI	1/2"	√	1/2"	1	1	1	1	1	1	√		2	42"	36"	16"	65 lbs	72 lbs

\*Note: Calibration column size is 200ml on standard systems and 1000ml on HF (High Flow) systems



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An ISO Certified Company



PES001 C20

### Dual Pump, Redundant Piping, Connected Common S & D

Model Number	Auto Fill Calibration Column	Nominal Elastomer for Components	Description
PES2C-ECF	PVC	EPDM	Standard
PES2C-EHFCF	PVC	EPDM	High Flow*
PES2C-ECCF	CPVC	EPDM	Standard
PES2C-ECHF	CPVC	EPDM	High Flow*
PES2C-VCF	PVC	Viton	Standard
PES2C-VHFCF	PVC	Viton	High Flow*
PES2C-VCCF	CPVC	Viton	Standard
PES2C-VCHF	CPVC	Viton	High Flow*
PES2C-VKCF	Kynar	Viton	Standard
PES2C-VHFKCF	Kynar	Viton	High Flow*

### Dual Pump, Lead/Backup, Single Pipe System

Model Number	Auto Fill Calibration Column	Nominal Elastomer for Components	Description
PES2L-ECF	PVC	EPDM	Standard
PES2L-EHFCF	PVC	EPDM	High Flow*
PES2L-ECCF	CPVC	EPDM	Standard
PES2L-ECHF	CPVC	EPDM	High Flow*
PES2L-VHFCF	PVC	Viton	High Flow*
PES2L-VCHF	CPVC	Viton	High Flow*
PES2L-VKCF	Kynar	Viton	Standard
PES2L-VHFKCF	Kynar	Viton	High Flow*

Conduit Box for Power & Signal On All Models  
\*High Flow, Required for H7, J7, K7 & H8 Pumps