

PULSAFEEDER®

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.

The UV-stabilized, high-grade HDPE frame offers maximum chemical compatibility and structural rigidity.

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

Pre-Engineered Systems for PULSAtron metering pumps include a compact, rugged High Density Polyethylene frame providing structure for a single or dual metering pumps and inlet and discharge piping assemblies with full 1" drip rim perimeter. The piping assemblies utilize Schedule 80 piping, isolation ball valves and unions throughout. The inlet piping assembly includes a clear Y-strainer and calibration column for easy maintenance and measurement. The discharge piping assemblies incorporate pulsation dampeners, pressure gauge with isolator and discrete back pressure and pressure-relief valves.

Features

- **Pre-Configured System:** Rigid, unitized frame with pre-plumbed piping assemblies; schedule 80 PVC standard, other materials are available.
- **Easy to Install and Operate:** Turn-key system with single or multiple input and discharge connections; conduit box electrical connections are optional.
- **Mounting flexibility:** The rigid 1/2" frame incorporates both mounting holes for floor and wall mounting configurations. Three pump skids come with raised base and fork lift pockets.
- **Quick Delivery:** Standard, full feature systems available within 2 weeks of order!
- **Designed for harsh environments:** Rigid, 1/2" high-density (HDPE) polyethylene fabricated frame is strong, UV-stabilized and chemically inert.

Applications

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



Aftermarket

- Double Wall Containment Tanks from 15 to 500 gallons.
- 1, 2, or 4 Drum Spill Containment Pallets.
- Loading Ramp and Pallet with or without Cover.



Pre-Engineered Systems

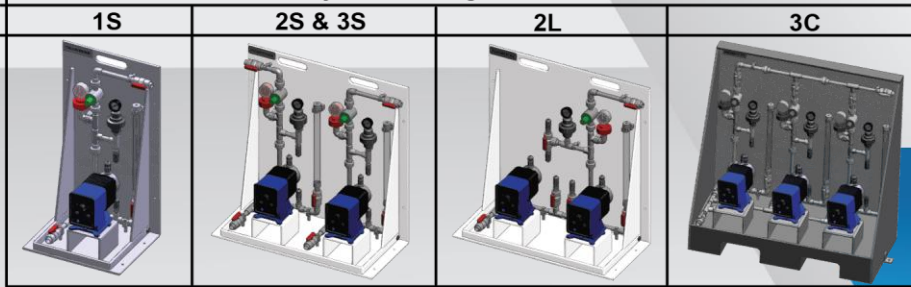
Pre-Engineered Systems

Specifications and Model Selection

Pre-Engineered Systems Selection Guide		PES	---	---	---
SYSTEM Position 4 & 5	1S = Single Pump, Standard System 2S = Dual Pump, Redundant Piping, Not Connected 2C = Dual Pump, Redundant Piping, Connected, Common S & D 2L = Dual Pump, Lead/Backup, Single Pipe System 3S = Three Pump, Redundant Piping, Not Connected 3C = Three Pump, Redundant Piping, Connected, Common S & D				
NOMINAL ELASTOMER Position 6	V = Viton Elastomers for components E = EPDM Elastomers for components				
AVAILABLE OPTIONS Position 7 thru 12 as needed	HF = High Flow, Required for H7, J7, K7 & H8 Pumps CF = PVC - Auto Fill Calibration Column KCF = Kynar - Auto Fill Calibration Column				

Note: Pump Selection and pricing is in addition to Pre-Engineered Systems Selection

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	3 Way Pump Select 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	1	1	36"	20"	16"	32 lbs	38 lbs
PES2S	2	150 psi	1/2"	√	1/2"	2	2	2	2	2	2	2	2	2	2	36"	36"	16"	62 lbs	70 lbs
PES3S	3	150 psi	1/2"	√	1/2"	3	3	3	3	3	3	3	3	3	3	42"	46"	21.5"	100 lbs	112 lbs
PES2C	2	150 psi	1/2"	√	1/2"	1	1	2	2	2	2	2	√	1	1	36"	36"	16"	62 lbs	70 lbs
PES3C	3	150 psi	1/2"	√	1/2"	1	1	3	3	3	3	3	√	1	1	42"	46"	21.5"	100 lbs	112 lbs
PES2L	2	150 psi	1/2"	√	1/2"	1	1	1	1	1	1	1	√	2	2	36"	36"	16"	65 lbs	72 lbs

* Note: Calibration column size is 200mL on standard sv stems and 1000mL on HF sv stems.



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An ISO 9001 Certified Company

PES001 K15

