

PULSAFEEDER®

Pulsafeeder calibration cylinders are designed to enhance the performance of chemical feed systems by providing a verification of the flow rate of your chemical feed pump. Robust construction of clear PVC or Glass/PVD with an easy to read graduation in both mls and gph. Available in 6 sizes;

100 mL, 200 mL, 500 mL, 1000 mL, 2000 mL, 4000 mL, 10,000 mL, and 20,000 mL.

The Pulsafeeder calibration cylinders are used on the supply side of the pump to permit flow calibration. Never subject the column to vacuum or pressure. Two isolating valves, (not supplied) must be installed in the suction line as per the drawing below. The top of the cylinder should be vented back to the storage tank or to drain.

Fill the cylinder to the top mark then close the valve from the chemical tank. Switch on the chemical feed pump and draw down the chemical in the cylinder for 30 seconds, then switch the pump off. The reading on the left side of the cylinder is a direct readout of USgph or you can observe the volume withdrawn on the ml scale.

Features

- Robust Construction
- Direct GPH Readout

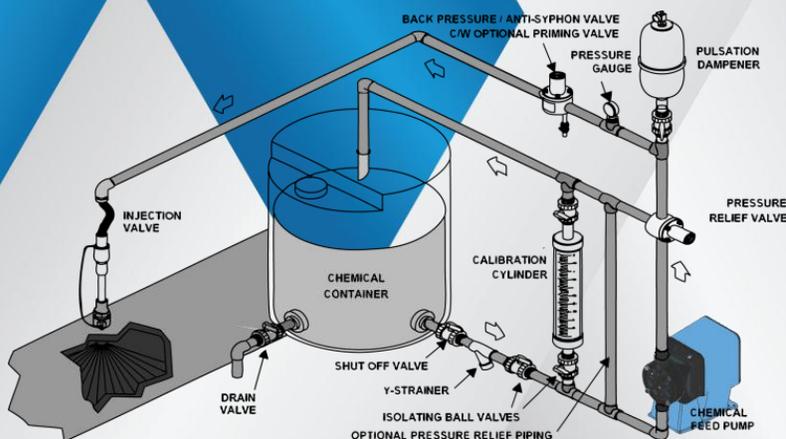
Operating Benefits

- Reliable
- Low cost
- Graduation markings
- Clear easy-view tube



Calibration Column

Calibration Kit



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.



Calibration Column

Calibration Column

Specifications and Model Selection

Calibration Columns		
1/2"	PVC 100mL	NA300001-PVC
1/2"	PVC 200mL	NA300002-PVC
3/4"	PVC 500mL	NA300003-PVC
3/4"	PVC 1000mL	NA300004-PVC
1"	PVC 2000mL	NA300005-PVC
1"	PVC 4000mL	NA300006-PVC
2"	PVC 10,000mL	NA300007-PVC
2"	PVC 20,000mL	NA300008-PVC
1/2"	Glass/PV D 100mL	NA300009-PVD
1/2"	Glass/PV D 200mL	NA300010-PVD
3/4"	Glass/PV D 500mL	NA300011-PVD
3/4"	Glass/PV D 1000mL	NA300012-PVD
1"	Glass/PV D 2000mL	NA300013-PVD
1"	Glass/PV D 4000mL	NA300014-PVD

Calibration Kits			
Size	Column	Unassembled Part Number	Assembled Part Number
3/8" OD	100 mL	L9908500-000	L9908500-001
1/2" OD		L9908501-000	L9908501-001
3/8" OD	200 mL	L9908502-000	L9908502-001
1/2" OD		L9908503-000	L9908503-001

Engineering Data

To Convert To LPH or GPH Use Formula:

$$\text{LPH} = (\text{volume} \div \text{draw time}) \times 3.6$$

$$\text{GPH} = (\text{volume} \div \text{draw time}) \times 0.952$$

To Determine Minimum Column Capacity (mL):

$$\text{Multiply pumps rated flow rate, GPH} \times \text{draw down time, sec.} \times 0.00028 \times 3785$$

Max. Cylinder Pressure: 15 psi

Materials Of Construction Columns:

PVC
Glass/PVD

Calibration Kits Include:

Compression Fittings for connecting them to pumps with tubing connections and isolation valves.

Custom Engineered Designs – Pre-Engineered Systems

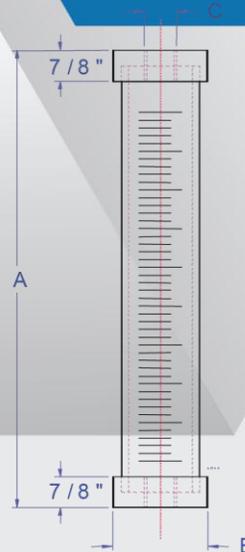


Pre-Engineered Systems

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. 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.

Dimensions

Capacity		Scale		A	B	C
(mL)	(Usgph)	(mL)	(Usgph)	(in)	(in)	(in)
100	3.2	2	.1	11	1.5	1/2
200	6.4	2	.1	19	1.5	1/2
500	16	5	.2	13	2.5	3/4
1,000	32	5	.2	22	2.5	3/4
2,000	64	10	1	20	3.7	1
4,000	127	10	1	37	3.7	1
10,000	320	20	5	26	7.25	2
20,000	640	20	5	48	7.25	2



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CAL001 I14

