

The Chem-Tech Series XP with peristaltic technology delivers worry-free dosing in a modern design. Each and every component of the Series XP is designed and manufactured for optimum reliability and durability for **REAL Performance**.

The electronic timing circuit in the adjustable 'A' Models provides **reliable** pump control, without relying on mechanical adjustment components that wear out over time.

The intuitive interface and controls provide **easy** operation and the peristaltic design is virtually maintenance-free.

Tailor-made for the water conditioning market, the Series XP offer **affordable** solutions in both initial cost and operation.

A rugged gear train and computer-aided peristaltic design ensure **long-lasting** performance.

Features

- Fixed Models. Simple and straight forward fixed rate pumps for applications where economy and ease-of-use are required.
- Adjustable Models. Electronic timer module provides a 20:1 turndown control for enhanced flexibility.
- Pulse Input Models. Internal timer accepts pulses from a contacting head water meter. Adjustable to run the pumps from .1 to 1 sec., .2 to 10 sec., or from 1.0 to 60 sec. per pulse.
- Flow Switch Activated Models. Activated when flow rate through the included 3/4" NPT flow switch reaches 1 GPM and deactivated when flow rate is less than 1 GPM.
- Dry Contact Input Models. Activates pump upon closure of a dry contact switch, and deactivates when opened. Pump equipped with a 6' lead for connection to the customer supplied switch.
- Timer Models. 7 Day – 8 Event Electronic Timer.
- Duplex Head Models. Two pump heads to deliver twice the flow, or the rated flow of two different chemicals simultaneously.
- Tubing Materials. Standard Norprene tube material in Low Pressure ratings - extended tube life, High Pressure ratings - meet demanding system requirements. Fluran tubing - greater chemical resistance: contact Technical Service for compatibility.

Controls



Fixed Rate Model

- Simple and straight-forward fixed rate pumps.

Adjustable Model

- 20:1 Turndown Control

Three Input Models

- Pulse Input
- Flow Switch Activated
- Dry Contact Input

Timer Model

- 7 Day – 8 Event Electronic Timer

Operating Benefits

- Reliable metering performance.
- Mixed fluid capable. Inherently degassing.
- Extended tube life.
- Rugged, sealed gear train.
- Easy tube change-out.
- Self priming.
- Chemical resistant materials.
- Simple installation.



Aftermarket

- KOPkits
- Gauges
- Dampeners
- Pressure Relief Valves
- Tanks
- Pre-Engineered Systems
- Process Controllers (PULSAblue, MicroVision)



Tested and Certified by WQA
against NSF/ANSI 61-Section 8.
and CSA B483.1



CHEM-TECH Series XP
Peristaltic Metering Pumps

Specifications and Model Selection

MODELS:	Flow	Pressure Rating - PSI (Bar)				Tube Size	Speed (RPM)
		Single Head Options			Duplex		
		'H' Tube	'L' Tube	'F' Tube	'L' Tube		
XP004	4 GPD (0.6 LPH)	125 (8.6)	80 (5.5)	60 (4.1)	80 (5.5)	2	30
XP007	7 GPD (1.1 LPH)				50		
XP009	9 GPD (1.4 LPH)	110 (7.6)	70 (4.8)	50 (3.4)	70 (4.8)	3	30
XP015	15 GPD (2.4 LPH)				50		
XP014	14 GPD (2.3 LPH)	100 (5.9)	50 (3.4)	40 (2.8)	50 (3.4)	4	30
XP023	23 GPD (3.6 LPH)				50		
XP030	30 GPD (4.7 LPH)	80 (5.5)	40 (2.8)		40 (2.8)	6	30
XP050	50 GPD (7.9 LPH)				50		
XP048	48 GPD (7.5 LPH)		25 (1.7)		25 (1.7)	8	30
XP080	80 GPD (12.6 LPH)				50		

Engineering Data

Drive:

Fixed Rate

On. Off Only
Duplex Head
Dry Contact Input
Flow Switch Activated
7 Day-8Event Electronic Timer

Adjustable

20:1 Turndown
Duplex Head
Dry Contact Input
Flow Switch Activated

Pulse Input

.1 to 1 Second Timer
.2 to 10 Second Timer
1 to 60 Second Timer

Tubing:

Norprene Low Pressure
Norprene High Pressure
Fluron

1/4" or 3/8" Tube Fittings
1/4" or 3/8" Tube Fittings
1/4" or 3/8" Tube Fittings (Does not include strainer & Injector accessories)

Viscosity Max CPS:

300 CPS

Enclosure:

NEMA 3R / IP31
(In Horizontal Position)

Power Input:

115 VAC/60 HZ, 1/6 HP
230 VAC/50/60 HZ
230 VAC/60 HZ

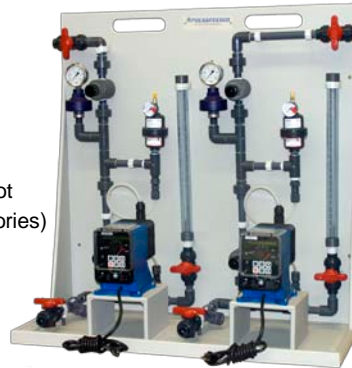
Temperature Limitations:

104°F / 40°C max.

Shipping Weight:

8 lbs. / 3.63kg.

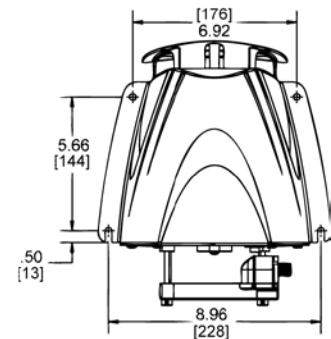
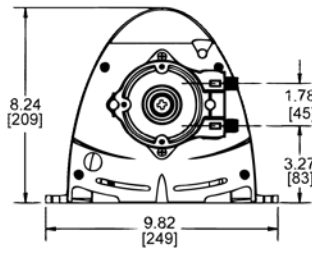
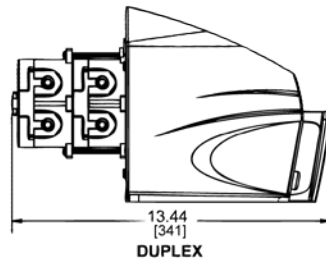
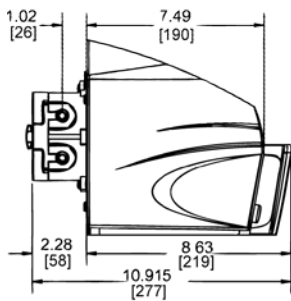
Custom Engineered Designs – Pre-Engineered Systems



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 All dimensions expressed as inches (mm)



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