

CHEM-TECH SERIES XP PERISTALTIC METERING PUMPS

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.



Intertek
9700150



Intertek
9700150

Tested and Certified by WQA
against NSF/ANSI/CAN 61 & 372.



Chem-Tech Series XP & XPV Pumps.
See www.wqa.org for
certification parameters.

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.

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

MODEL SELECTION

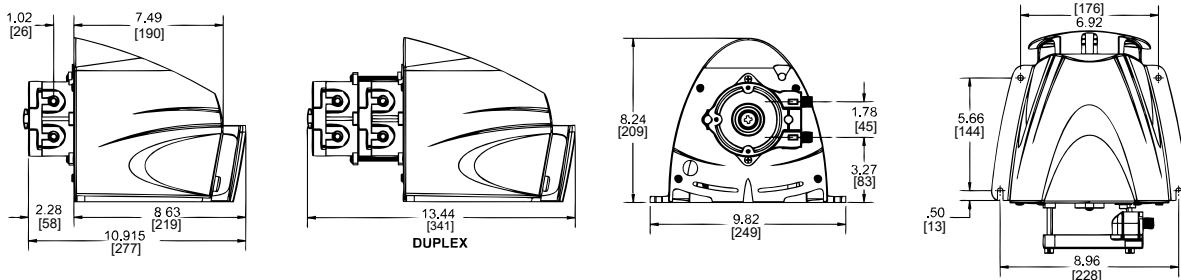
| Model | Flow | Pressure Rating - PSI (BAR) | | | | Tube Size | Speed (RPM) |
|-------|-------------------|-----------------------------|----------|----------|----------|-----------|-------------|
| | | Single Head Options | | | Duplex | | |
| | | "H" Tube | "L" Tube | "F" Tube | "L" Tube | | |
| XP004 | 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 | | Tubing | |
|-------------|----------------------------------|-------------------------|---|
| Fixed Rate | On, Off Only | Norprene Low Pressure | 1/4" or 3/8" Tube Fittings |
| | Duplex Head | Norprene High Pressure | 1/4" or 3/8" Tube Fittings |
| | Dry Contact Input | Fluran | 1/4" or 3/8" Tube Fittings (Does not include strainer & Injector accessories) |
| | Flow Switch Activated | | |
| | 7 Day - 8 Event Electronic Timer | | |
| Adjustable | 20:1 Turndown | Viscosity Max CPS | 300 CPS |
| | Duplex Head | Enclosure | NEMA 3R / IP31 (In Horizontal Position) |
| | Dry Contact Input | Power Input | 115 VAC/60 HZ, 1/6 HP |
| | Flow Switch Activated | | 230 VAC/50/60 HZ* |
| Pulse Input | .1 to 1 Second Timer | | 230 VAC/60 HZ |
| | .2 to 10 Second Timer | Temperature Limitations | 104°F / 40°C max. |
| | 1 to 60 Second Timer | Shipping Weight | 8 lbs. / 3.63kg. |
| | | Approvals | Conforms to ANSI/NSF STD. 50 Equipment for swimming pools, spas, hot tubs, and other recreational water facilities. |

*50 HZ:Rated for intermittent duty only. Continuous duty is not recommended.

DIMENSIONS All dimensions are in inches



27101 Airport Road
Punta Gorda, FL 33982
Tel: (941) 575-3800
Fax: (941) 575-4085
www.pulsatron.com



An ISO Certified Company



CTI009 F21