

The Chem-Trak Jr. with Electric Diaphragm Pumps (EDP) is an advanced chemical dispensing system designed to service up to four washers with capacities of over 450 lbs. (200 kgs.). With the additions of the EDP pumps, the Chem-Trak Jr. is geared with a chemically aggressive, powerful, and consistent pump; with less maintenance and service costs. The Chem-Trak Jr. with EDP is the system for the laundry facilities who want reduced scheduled services, no matter the volume or chemical aggressiveness.

Larger Capacity

Accuracy

Less Service

Main Controller



EDP Pump Cabinet



SIB



Formula Selectors



Power Supply

LAUNDRY SYSTEMS

- The Chem-Trak Jr. now offers the choice of Electric Diaphragm Pumps (55 oz/min, 192 oz/min) or Peristaltic Pumps (10 oz/min, 23 oz/min, 36 oz/min)
- Increased washer capacity of over 450 lbs (204 kg.) with EDP pumps
- EDP pumps are engineered for aggressive chemical, high duty cycle applications
- High speed injection with improved accuracy and consistency of chemical dosing
- Less service and maintenance is required with the EDP pumps because there are less moving parts and no tubes that need to be replaced

Electric Diaphragm Pump (EDP)



A chemical feed pump simple and reliable enough to challenge peristaltic pumps. This unique pump features a heavy duty, long life DC motor drive that connects to an offset cam /wobbler plate. This low friction, low stress pumping action produces smooth laminar flow at pressures up to 70 PSI (4.83 bar).

Features

- Quick connect inlet/outlet fittings
- EPDM or Viton seals
- 70 PSI (4.83 bar) pressure switch
- 110 VAC or 230 VAC
- Continuous duty rated motors
- Extended life with minimal moving parts

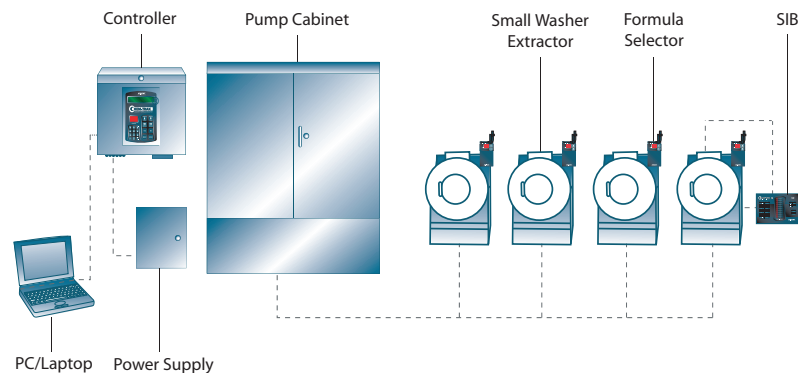
Electric Diaphragm Pumps

50 oz/min (1500 ml/min)
190 oz/min (5600 ml/min)
410 oz/min (12.1 liter/min)

Peristaltic Pumps

10 oz/min (295 ml/min)
23 oz/min (680 ml/min)
36 oz/min (1064 ml/min)

Chem-Trak Jr. with EDP Network Diagram



Chem-Trak Jr. EDP Features

- Full range of flow rates
- Options of EDP or Peristaltic Pumps
- 90 formula capability
- Low voltage controls
- Simple programming w/ menu-driven display
- Simple user interface w/ formula indicator
- Reliable Knight peristaltic pumps
- Automatic formula select
- Detailed data management reports
- Load weight entry
- Integrated chemical flush manifold
- Windows compatible PC software
- Network with other Knight dispensers
- Centralized chemical storage



Chem-trak Jr. pump cabinet for EDP pumps

ORDERING INFORMATION

Chem-Trak Jr.

Part Number	Description
7224503	CT Jr. Main Controller "EDP"
7224513-01	Assembly, Power Supply
7640489	EDP Pump Cabinet w/ Lock
7641412	EDP Pump Interface Unit
7224506	Accessory Kit (customer will choose)
7002951	Manifold, High Flow, 8 Port (customer must choose type/material of check valves and polypro plug, solenoid valve (either 110 or 240V))
9600551-01	Solenoid valve ASKO, 1/2", 120V/60Hz, Brass
9600551-3D	Solenoid valve ASKO, 1/2", 220V/500Hz OR 240V/60Hz, Brass
7224541-E	Valve, 3 way, EPDM Chem Trak Jr
7224541-V	Valve, 3 way, Viton Chem Trak Jr
7901239	Check valve, EPDM, White PVC, 3/8" barb x 1/4" MNPT
7901245	Check valve, Viton Grey PVC, 3/8" barb x 1/4" MNPT
7912200	Poly plug, 1/4"

Part Number	Description
7655070-25	Formula Selector 25 ft.(7.6 m)
7655070100	Formula Selector 100 ft. (30.5m)
7656010	ChemTrak SIB's
1600137-01	EDP 1.5 GPM (5.7 LPM) w/ EPDM w/ Internal Bypass (115 VAC)
1600137-02	EDP 1.5 GPM (5.7 LPM) w/ EPDM w/ Internal Bypass (230 VAC)
1600138-01	EDP 1.5 GPM (5.7 LPM) w/ Viton w/ Internal Bypass (115 VAC)
1600138-02	EDP 1.5 GPM (5.7 LPM) w/ Viton w/ Internal Bypass (230 VAC)
1600135-01	EDP .4 GPM (1.5 LPM) w/ EPDM w/ Internal Bypass (115 VAC)
1600135-02	EDP .4 GPM (1.5 LPM) w/ EPDM w/ Internal Bypass (230 VAC)
1600136-01	EDP .4 GPM (1.5 LPM) w/ Viton w/ Internal Bypass (115 VAC)
1600136-02	EDP .4 GPM (1.5 LPM) w/ Viton w/ Internal Bypass (230 VAC)
7600376	Kit, EDP, EPDM Chem Track JR EDP
7600377	Kit, EDP, FKM Viton Chem Track JR EDP

KNIGHT LIMITED WARRANTY

Knights controls and pump systems are warranted against defects in material and workmanship for a period of ONE YEAR. All Electronic Control Boards have a TWO YEAR warranty. Warranty applies only to the replacement or repair of such parts when returned to the factory with a KRA number, freight prepaid and found to be defective upon factory inspection. Rubber and synthetic rubber parts such as "O" rings, diaphragms, squeeze tubing and gaskets are considered expendable and are not covered under warranty. Warranty does not cover liability resulting from performance of this equipment nor the labor to replace this equipment. Product abuse or misuse voids warranty. Knight products are not for use in potentially explosive environments. Any use of our equipment in such an environment is at the risk of the user. Knight does not accept any liability in such circumstances.

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