

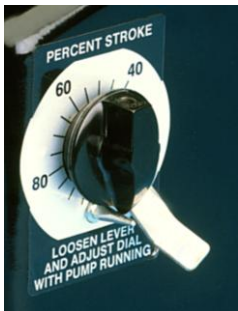
The Chem-Tech Series 200 & 250 are mechanically activated, heavy duty diaphragm feed pumps that provide excellent efficiency under strenuous conditions. The Series 200 pumps are popular for their rugged design for continuous duty operation, while the Series 250 combines the power and repeatability of piston pumps with the chemical resistance of diaphragm pumps for high pressure applications.

The Series 200 offers feed rates from 10 to 120 gpd (1.5 to 18.9 lph) and operating pressures up to 150 psi (10.3 bar), while the Series 250 offers feed rates to 108 gpd (17 lph) and operating pressures up to 225 psi (15.5 bar).

Features

- Feed Rate Control.
- Heavy duty fan cooled motor with thermal overload protection.
- Bleed Valve Assembly Standard.
- High torque motor gear coupling. Ensures start up under maximum pressure.

Controls



Feed Rate Control

- Adjustable Feed Rate.

Operating Benefits

- Reliable metering performance.
- Oil immersed gear train.
- Long Life.



Aftermarket

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



Standard Agency Listings			
Model	ETL	ETLsan	CE
All 60Hz	X	X	
100-150 50Hz			X
200 50Hz			
Contact factory for alternate listings			

CHEM-TECH Series 200, 250

Specifications and Model Selection

MODELS:

Series 200

X210	= 10 gpd (1.5 lph) max pres.: 150 PSI (10 BAR)
X215	= 15 gpd (2.34 lph) max pres.: 150 PSI (10 BAR)
X220	= 20 gpd (3.15 lph) max pres.: 150 PSI (10 BAR)
X230	= 30 gpd (4.72 lph) max pres.: 125 PSI (9 BAR)
X240	= 40 gpd (6.31 lph) max pres.: 125 PSI (9 BAR)
X260	= 60 gpd (9.46 lph) max pres.: 125 PSI (9 BAR)
X280	= 80 gpd (12.6 lph) max pres.: 100 PSI (7 BAR)
2100	= 100 gpd (15.76 lph) max pres.: 100 PSI (7 BAR)
2120	= 120 gpd (18.91 lph) max pres.: 80 PSI (6 BAR)

Series 250

253	= 76.8 gpd (12.11 lph) max pres.: 225 PSI (15.52 BAR)
254	= 108 gpd (17.03 lph) max pres.: 160 PSI (11.03 BAR)

Engineering Data

Series 200

Pump Head Materials Available:	Clear PVC PVC PP 316SS
Diaphragm:	PTFE-faced CSPE-backed
Check Valves Materials Available:	
Seats/O-Rings:	PTFE CSPE Viton
Balls:	Ceramic PTFE 316SS
Fittings Materials Available:	GFPPL PVC PVDF
Bleed Valve:	Same as fitting and check valve selected, except 316SS
Injection Valve & Foot Valve Assy:	Same as fitting and check valve selected
Tubing:	Clear PVC White PE Black PE
Motor:	1/20HP, Open TEFC
Viscosity Max CPS:	300 CPS
Power Input:	115 VAC/60 HZ, 1.8A 230 VAC/50 HZ, .8A 230 VAC/60 HZ, .7A
Shipping Weight:	17lbs., 7.7kg.

Engineering Data

Series 250

Pump Head Materials Available:	PVC 316SS
Diaphragm and Valve Seats:	PTFE Coated
Check Valves Materials Available:	
Gaskets:	PTFE
Fittings:	PVC 316SS
Balls Checks:	Ceramic PTFE 316SS
Discharge Tubing:	Polyethylene .50" NPT Connections
Suction Tubing:	Flexible PVC .44 NPT Connections
Motor:	1/20HP, TEFC
Viscosity Max CPS:	300 CPS
Power Input:	115 VAC/60 HZ, .8A 230 VAC/50/60 HZ, .4A
Shipping Weight:	21lbs., 9.5kg.

Important: Material Code - GFPPL=Glass-filled Polypropylene, PVC=Polyvinyl Chloride, PE=Polyethylene, CSPE=Generic formulation of Hypalon, a registered trademark of E.I. DuPont Company. Viton is a registered trademark of E.I. DuPont Company. PVC wetted end recommended for sodium hypochlorite.

Specifications subject to change without notice.

Dimensions All dimensions expressed as inches (cm)

Series 200	7.75"H x 7.25"W x 15.25"D 19.69cm x 18.42cm x 38.74cm
Series 250	9.375"H x 7.25"W x 15.625"D 23.81cm x 18.42cm x 39.69cm

pulsafeeder.com



27101 Airport Rd
Punta Gorda, FL 33982
Phone: ++1(941) 575-3800
Fax: ++1(941) 575-4085

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