



Advanced IX Pumps

Direct Drive Diaphragm Pumps Digitally Controlled

- ✓ User Friendly Digital Interface
- ✓ Automatic Control
- ✓ 750:1 Turndown Ratio
- ✓ Accuracy $\pm 1\%$
- ✓ 70% Energy Savings
- ✓ Cavitation Prevention
- ✓ Diaphragm Leak Detection
- ✓ Degassing Assist
- ✓ Reduced Pulsation and Inertial Force
- ✓ UL and CE Listed
- ✓ Operation History Log



IX Series Digital Metering Pump



Chemical Metering Pumps are often limited by their pump capacity and pressure, and motor driven pumps are limited in their accuracy and response. The Advanced IX series pump is digitally controlled direct drive diaphragm pump. High end motor driven technology results in high accuracy and resolution, allowing it to be used in a variety of applications including food and chemical process to water treatment.

Automatic Control allows fully programmable analog or digital proportional control of the pump with Batch and Internal timer control features.

Standard Diaphragm Leak Sensor located behind the diaphragm monitors any sign of rupture or leakage.

High Turndown Ratio: Motor Control adjusts the discharge and suction speeds to meet a full and accurate turndown ratio of 750:1.

High Accuracy $\pm 1\%$: Combined with precise motor control, an efficient valve design maintains accurate flow rates with this mechanically driven diaphragm pump.

High Compression Pump Head Design: A fixed stroke length maintains high compression in each stroke resulting in fast priming and no air-lock at any flow rate up to rated pressure.

Suction versus discharge speed: Suction speed is constant. Discharge speed is reduced as pump is turned down, helping to reduce pulsation and inertial force on piping.

Ordering Information

Model	Rating	Liquid End	GPH	Max. Pressure	Tube Size	Price
IX-C060TCN	Weatherproof	PVDF	15.8	145 psi	1/2"	\$2,850.00
IX-C150TCN	Weatherproof	PVDF	39.6	58 psi	3/4"	\$3,000.00
IXC060TC-PK	Rebuild kit for IX-C060TCN (includes O-Rings, Gaskets, Diaphragm, Hex Wrench, Nuts & Bolts)					\$275.00
IX150TC-PK	Rebuild kit for IX-C150TCN (includes O-Rings, Gaskets, Diaphragm, Hex Wrench, Nuts & Bolts)					\$326.00