



# MX CLASS

**High Performance Isocratic Pumps at an Affordable Price**

The economical **MX Class** consists of single-headed, positive displacement piston pumps incorporating additional features for challenging applications. With pressure capability up to 5,000 psi, the **MX Class** can be used in both analytical and small-scale preparative HPLC separations.

Further applications include demanding metering and dispensing, as well as Sample Injection, Infusion, or Cone Wash for Mass Spectrometers. Standard fluid path materials are Stainless Steel and PEEK, in addition to optional Titanium. With 10 mL/min, and 40 mL/min versions, these pumps can tackle the majority of demanding laboratory applications.

Features include available pressure monitoring with automatic pressure compensation, Pulse Dampener, integrated Prime-Purge Valve, interactive keypad control, and complete PC control and status through RS-232 and Micro USB 2.0 ports. Requiring minimal bench space for the performance, the **MX Class** will easily integrate into most workspaces.

**Components are also available in Kit Form for OEM Applications.**



## Several Fluid Path Materials Available



## Drip Tray & Leak Sensor

### Flow Rate

**10 mL/MIN**  
**40 mL/MIN**

### Pressure

UP TO  
**5,000 psi**  
(10 mL/MIN)

### Fluid Path

STAINLESS STEEL,  
PEEK, OR  
TITANIUM

### Control

RS-232, MICRO USB,  
VOLTAGE FLOW CONTROL,  
RUN/STOP

**All SSI Pumps carry a 3-Year Warranty.**



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## MX CLASS - SPECIFICATIONS

<b>Flow Rate Range and Max. Pressure Ratings*</b> .....	0.00 - 10.00 mL/min (5,000 psi) 0.0 - 40.0 mL/min (900 psi)	<b>Wetted Materials</b> .....	(See Above Options), Synthetic Ruby, Sapphire, UHMWPE, PTFE
<b>Flow Accuracy</b> .....	Within 2% of set flow rate, 0.20 mL/min and above; 80:20 Water/IPA @ 1,000 psi (10 mL) Within 5% of set flow rate, 0.8 mL/min and above; 80:20 Water/IPA @100 psi (40 mL)	<b>Dimensions</b> .....	6.5" H x 7" W x 16" D (16.5 x 17.8 x 40.6 cm)
<b>Flow Precision</b> .....	0.5% RSD	<b>Weight</b> .....	15.3 lbs. (6.9 kg)
		<b>Power</b> .....	100-240 Vac ( $\pm$ 10%), 50-60 Hz
		<b>Control</b> .....	RS-232, Micro USB, Voltage Flow Control, Run/Stop

\* Flow Rate is dependent on solvent selection and operating pressure.



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