SyriXus 260x Syringe Pump

The SyriXus 260x syringe pump provides precise, predictable flow and pressure control at flow rates from sub-milliliter up to 107 mL/min. Exceptional low-flow stability at up to 9,500 psi (655 bar) makes this the ideal pump for high pressure applications from deep well core analysis to pumping liquified gases.

Nitronic 50 Stainless Steel offers the better resistance and strength to standard 316 Stainless Steel. The annealed condition provides strength up to double that of 316 stainless-steel. In the high strength condition, Nitronic 50 can withstand high temperature and sub-zero environments allowing it to be used for critical applications. Nitronic 50 registers a 150 on the Brinell scale of hardness and an 80 on the Rockwell scale of hardness.

Hastelloy® is a nickel-molybdenum alloy. The inclusion of molybdenum makes Hastelloy® harder, stronger at high temperatures. Hastelloy® has outstanding resistance to highly oxidizing and reducing agents, making it a great choice for moderate to severe corrosive environments. It is commonly used for pipes and valves in the chemical processing and petrochemical industries. It is also used in nuclear reactors and chemical reactors and is excellent for pressure vessels and heat exchangers.

All pumps are installed with Standard (graphite impregnated PTFE) seals. Alternative seals are available on the Service Tab. Alternative seals will be included separate and installed by the user.

☐	681240830	Model 260x Nitronic 50 Pump Module. Cylinder holds up to 266 mL and can pump from 0.001 to 107 mL/min and up to 9,500 psi (655 bar). Side mount transducer available - specify on the PO.
☐	681240831	Model 260x Hastelloy Pump Module. Cylinder holds up to 266 mL and can pump from 0.001 to 107 mL/min and up to 9,500 psi (655 bar).
Valve Options		
☐	601267014	Continuous Flow Dual Air Valve Package (1/8" valves) for SyriXus 500x and 260x pumps. Requires pressurized air source. No additional controller options required for air valve operation.
☐	601267015	Continuous flow dual electric valve package (1/8" valves) for SyriXus 1000x, 500x and 260x. Electric Valve controller 681240854 required.
☐	601267013	Single air valve (1/8" valve) auto-refill/outlet package for SyriXus 500x and 260x. Requires pressurized air source. No additional controller options required for air valve operation.
☐	601267011	Single Electric Valve (1/8" valve) auto-refill/outlet package for SyriXus 1000x, 500x, and 260x. Electric Valve controller 681240854 required.
☐	601267021	Manual refill and outlet package for SyriXus 500x and 260x
Controller Options		
☐	681240850	Basic Controller for operation of up to 4 SyriXus pumps. Built in control connections for Digital Inputs/Analog Inputs and Digital Outputs for remote pump control signals and Ethernet connection port. Also operates legacy D-Series Pumps other than Hazardous location and 30D models.

☐	681240854	Electric Valve Controller for SyriXus pumps. Configured to operate up to 2 pumps with electric valve packages. Built in control connections for Digital Inputs/Analog Inputs and Digital Outputs for remote pump control signals and Ethernet connection port. Also operates legacy D-Series Pumps other than Hazardous location, 65D and 30D models.
☐	681240851	Basic Controller with 0-10V output. 6 cards installed. Operation of up to 4 SyriXus pumps. This controller also contains the standard input and output controls of the Basic controller. Also operates legacy D-Series Pumps other than Hazardous location and 30D models.
☐	681240852	Basic Controller with 4-20mA output and input. 6 cards installed. Operation of up to 4 SyriXus pumps. This controller is modified to allow 4-20mA INPUT control on the 4 Digital Input connectors as well as the 4 Analog Input connectors. This controller also contains the standard input and output controls of the Basic controller. Also operates legacy D-Series Pumps other than Hazardous location and 30D models.
Other Accessories		
☐	681268029	Temperature Control Jacket for Models 500D, 500HLf, and 260x pumps (water jacket for temperature control for use with recirculating bath; bath not included).
☐	601247190	High Temperature/High Accuracy conversion kit. Upgrade SyriXus pumps to up to 200C and accuracy 0.1% of full scale (TB17). Compatible with 1000x, 500x, 500xv, 260x SyriXus pumps.
☐	681247134	LabVIEW pump tool kit for Windows with external driver. Includes source code and an executable example program for 4 pump operations. Must be used with LabVIEW 15 and above. Operate with a D-Series or SyriXus controller with software version 2.11.0003 and above.
☐	681020210	10 ft. Extension Cable for all D-Series and SyriXus controllers
Replacement Seals		
☐	202909106	Standard Replacement Seal for 260ML Pumps. Graphite/PTFE.
☐	202909109	High Temp (50 to 200 degrees C) Seal for 260X or 260D. Graphite/PTFE.
☐	202909206	Low Pressure (2,000 psi max) Seal for 260X or 260D. Graphite/PTFE.
☐	202909406	Aqueous Seal (7,500 psi) for 260X or 260D. Ultra-high MW polyethylene (preferred for aqueous solutions).
☐	202909107	Ultra-low Bypass Seal (4,000 psi) for 260X or 260D, Virgin PTFE. NOTE This is the only seal recommended for toxic volatiles such as NH3, HN03, H2S.
Periodic Maintenance Parts		
☐	601247101	SyriXus WRENCH PACKAGE for use with 1000x, 500x, 500xv, 260x and 65x
☐	601244271	LUBRICATION KIT all models