

## SyriXus 65x Syringe Pump

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The 65x syringe pump provides precise, predictable flow and pressure control at flow rates from sub-microliter to 25 mL/min. Exceptional low-flow stability at up to 20,000 psi (1,390 bar) makes this the ideal pump for high pressure applications from deep well core analysis and polymer extrusions. The 65x pumps to the lowest flow rates with zero pulsation available on the market!

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.

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.

<input type="checkbox"/>	681240834	Model 65x Pump Module. Cylinder holds up to 68 mL and can pump from 0.00001 to 25 mL/min and up to 20,000 psi (1,390 bar). Supplied with external transducer, 0.1% accuracy, standard. 65x pumps cannot be mixed with other pumps on a single controller.
<b>Valve Options</b>		
<input type="checkbox"/>	601267018	Continuous Flow Dual Air Valve Package (1/4" valves) for SyriXus 65x. Requires pressurized air source.
<input type="checkbox"/>	601267019	Single Air Valve Package for SyriXus 65x pump. Requires pressurized air source. No additional controller options required for air valve operation.
<input type="checkbox"/>	601267023	Manual refill and outlet package for SyriXus 65x
<b>Controller Options</b>		
<input type="checkbox"/>	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.
<input type="checkbox"/>	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.
<input type="checkbox"/>	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.
<b>Other Accessories</b>		
<input type="checkbox"/>	681247047	Temperature Control Jacket for Models 260D, 260HP, 260HLf, 100DM, 100DX, 100HLf, 65D, 65DM and 65x pumps (water jacket for temperature control for use with recirculating bath; bath not included).

<input type="checkbox"/>	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.
<input type="checkbox"/>	681020210	10 ft. Extension Cable for all D-Series and SyriXus controllers
<b>Replacement Seals</b>		
<input type="checkbox"/>	202909608	65ML Pump SEAL, GRAPHITE FILLED PTFE HEAVY DUTY, 20,000 PSI .5620 .005 SHAFT, .813 .005 BORE ELGILOY OR SST 316 SPRING
<b>Periodic Maintenance Parts</b>		
<input type="checkbox"/>	601247101	SyriXus WRENCH PACKAGE for use with 1000x, 500x, 500xv, 260x and 65x
<input type="checkbox"/>	601244271	LUBRICATION KIT all models