

SyriXus 260HLf Syringe Pump

The Teledyne ISCO Hlf-Series pumps give you the same accurate, predictable flow and pressure control as our standard SyriXus pumps, while conforming to safety standards for use in UL Class I, Division 2, Groups A B C & D, T4 environments. The hazardous location rating is achieved through internal design modifications including the use of brushless DC motors. This approach eliminates the need for purge boxes or other additional safety devices.

The 260HLf 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 7,500 psi (517 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.

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.

☐	681260015	Model 260HLf Pump Module for Class I Div 2 Hazardous Locations. Cylinder holds up to 266 mL and can pump from 0.001 to 107 mL/min and up to 7,500 psi (517 bar). Must operate with Hlf Controller.
Valve Options		
☐	601247141	Continuous Flow Dual Air Valve Package for 260HLf and 100HLf. Requires pressurized air source. No additional controller options required for air valve operation.
☐	601247156	Single Air Valve Package for 260HLf and 100HLf. Requires pressurized air source. No additional controller options required for air valve operation.
☐	681247077	Manual Refill Valve Kit (10,000 psi rated) for Models 260HLf and 100HLf
☐	681247078	Manual Outlet Valve Kit (10,000 psi rated) for Models 260HLf and 100HLf
Controller Options		
☐	681260011	Hlf Series Controller w/ 4-20mA outputs. Comes with 6 output cards. Built in control connections for Digital Inputs/Analog Inputs and Digital Outputs for remote pump control signals and Ethernet connection port. Compatible only with Hlf pumps.
☐	681260013	Hlf Series Controller w/Ethernet & USB. Built in control connections for Digital Inputs/Analog Inputs and Digital Outputs for remote pump control signals and Ethernet connection port. Compatible only with Hlf pumps.
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).
☐	605364486	260HLf High Accuracy Package
☐	605364418	260HLf High Temperature Package

☐	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		
☐	601269037	260HL/HLF STANDRD REPLACEMENT SEAL KIT
☐	601269025	260HL/HLF HIGH TEMPERATURE REPLACEMENT SEAL KIT
Periodic Maintenance Parts		
☐	601247067	WRENCH PACKAGE
☐	601244271	LUBRICATION KIT all models