ISCO LS ReaXus Reciprocating Pump

Brand:
Product Code: isco-ls
Availability: Call for availability
Call for Price: 832-320-7300

Description

The reliable LS Class consists of single-headed, positive displacement piston pumps incorporating advanced cam designs for very low pulsation. The pumps are ideal for a wide variety of HPLC applications (including Biocompatible separations), Semi-Prep LC, metering & dispensing, and general laboratory use. Standard fluid path materials are Stainless Steel and Hastelloy. Other available features include jacketed heads for temperature controlled processes. With 10 mL/min, 40 mL/min and 100 mL/min versions available, and pressure capability up to 6,000 psi, these versatile pumps will meet the most demanding applications. Features include 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. The unique LS Class provides the highest performance/cost ratio in a compact package. Flow Rate <ul> 10 mL/min 40 mL/min 100 mL/min Pressure <ul> Up to 6,000 psi (10 mL/min) Fluid Path <ul> Stainless Steel, Jacketed Stainless Steel, Hastelloy, Jacketed Hastelloy Control <ul> RS-232, Micro USB, Run/Stop, Analog (0–10V, 4–20mA) <h2>Specifications</h2> Flow Rate Range and Max. Pressure Ratings <ul> 0.0–10.00 mL/min (6,000 psi) 0.0–40.0 mL/min (1,600 psi) 0.0–100.0 mL/min (600 psi) Pulsation <ul> ?2% @ 1 mL/min and 1,000 psi (10 mL, 40 mL) ?4% @ 50 mL/min and 500 psi (100 mL) Pressure Accuracy: ±2% of full scale pressure

Flow Accuracy <ul> Within 2% of set flow rate, 0.20 mL/min and above; 80:20 Water/IPA @ 1,000 psi (10 mL) Within 2% of set flow rate, 0.80 mL/min and above; 80:20 Water/IPA @ 1,000 psi (40 mL) Within 4% of set flow rate, 5 mL/min and above; 80:20 Water/IPA @ 500 psi (100 mL) Flow Precision: 0.2% RSD Wetted Materials: (See Above Options), Synthetic Ruby, Sapphire, UHMWPE, PTFE Dimensions: 6.5” H x 7” W x 16” D (16.5 x 17.8 x 40.6 cm) Weight: 15.3 lbs. (6.9 kg) Power: 100–240 Vac (± 10%), 50–60 Hz Control: RS-232, Micro USB, Run/Stop, Analog (0–10V, 4–20mA)