ISCO PR ReaXus Reciprocating Pump

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

Description

The rugged PR Class consists of dual-headed positive displacement piston pumps that provide high accurate flows and excellent pressure capability for a variety of uses. Standard fluid path materials are Stainless Steel. Other available features include jacketed heads for temperature controlled processes. The pumps are designed for a wide range of Preparative and Semi-Prep Chromatography as well as SMBC (simulated moving bed chromatography) and many process and industrial applications. With 100 mL/min and 300 mL/min versions reaching pressures up to 4000 psi the pumps will meet the most demanding LC and process needs. Features include an integrated Prime-Purge Valve interactive keypad control and complete PC control and status through RS-232 and Micro USB 2.0 ports. The PR Class provides the flow rates and pressures required for high throughput separations. Flow Rate <ul> 100 mL/min 300 mL/min Pressure <ul> Up to 4,000 psi (100 mL/min) Fluid Path <ul> Jacketed Stainless Steel Control <ul> RS-232, Micro USB, Run/Stop, Analog (0–10V, 4–20mA) <h2>Specifications</h2> Flow Rate Range and Max. Pressure Ratings <ul> 0.0–100 mL/min (4,000 psi) 0.0–300 mL/min (1,000 psi) Pulsation: ?4% @ 50 mL/min and 500 psi (100 mL) Pressure Accuracy: ±2% of full scale pressure Flow Precision: 0.5% RSD Flow Accuracy <ul> Within 3% of set flow rate, 2.0 mL/min and above; 80:20 Water/IPA @ 1,000 psi (100 mL) Within 4% of

set flow rate, 5.0 mL/min and above; 80:20 Water/IPA @ 500 psi (300 mL) Flow Precision: 0.5% RSD Wetted Materials: (See Above Options), Synthetic Ruby, Sapphire, UHMWPE, PTFE Dimensions: 6.3” H x 10” W x 17” D (16 x 25.4 x 43.2 cm) Weight: 30 lbs. (13.6 kg) Power: 100–240 Vac (± 10%), 50–60 Hz Control: RS-232, Micro USB, Run/Stop, Analog (0–10V, 4–20mA)