ISCO M1 ReaXus Reciprocating Pump



Brand:
Product Code: isco-m1
Availability: Call for availability
Call for Price: 832-320-7300

Description

The compact M1 Class HPLC Pump consists of single- headed, positive displacement piston pumps that deliver high-performance and precision at an affordable price. Applications include precise chemical metering, dispensing, and specific HPLC separations. Standard fluid path material is Stainless Steel. With 10 mL/min, 40 mL/min, and 100 mL/min versions, reaching pressures up to 2,000 PSI, these pumps capture the majority of typical laboratory fluid transfer applications. Features include interactive keypad control, Pulse Dampener and Outlet Filter, RS-232 Serial and Micro USB 2.0 ports for complete PC control and status, as well as hardware for laboratory stand mounting. Having the smallest possible footprint for a high pressure pump, the M1 Class will easily integrate into any laboratory or industrial environment. Flow Rate <ul> 10 mL/min 40 mL/min 100 mL/min Pressure <ul> Up to 2,000 psi (10 mL/min) Fluid Path <ul> Stainless Steel Control <ul> RS-232, Micro USB, Run/Stop <h2>Specifications</h2> Flow Rate Range and Max. Pressure Ratings: <ul> 0.01–10.00 mL/min (2,000 psi) 0.01–40.0 mL/min (500 psi) 0.01–100.0 mL/min (250 psi) 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 5% of set flow rate, 0.8 mL/min and above; 80:20 Water/IPA @100 psi (40 mL) Within 5% of set flow rate, 2 mL/min and above; 80:20 Water/IPA @100 psi (100 mL) Flow Precision: 1.0% RSD

Wetted Materials: (See Above Options), Synthetic Ruby, Sapphire, UHMWPE, PTFE Dimensions: 5.5” H x 3” W x 10.5” D (14 x 7.6 x 26.7 cm) Weight: 3.5 lbs. (1.6 kg) Power: External Power Supply; To Supply: 100-240 Vac, 50-60 Hz, 1A; Supply to Pump: 24Vdc, center positive, 2.1 mm post, 1.7 AMP Control: RS-232, Micro USB, Run/Stop