**Simple Operation**

Set the desired dispensing method and trigger with simple contact closure. Method repeats with each triggering.

**Wide Flow Range**

The Binary Pump is built on the reliable Series I pump platform. Each channel operates from 0.01 - 10.00 mL/min. at pressure ratings up to 2500 psi; or from 0.10 - 40.00 mL/min. at up to 750 psi; meeting a variety of applications.

**Saves Bench Space**

The complete unit is only 7 inches wide by 14 inches deep - saving valuable bench space.

**Choice of Materials**

The choice of Stainless Steel or PEEK fluid paths make the Binary Dispensing Pump ideal for pumping diverse solutions.

**Positive Seal-Washing Standard**

The exclusive self-flush head extends seal life dramatically by removing salts and wetting the seal.

**Easy Maintenance**

The completely disposable head assembly can be changed in seconds at the price similar to seals and check valves in most pumps.

**Flexible Advanced Control**

Load methods through USB port and activate them through contact closure. No continuous communication necessary.

**Best Performance for the Money**

The Binary Dispensing Pump represents a class of HPLC-quality pumps for use in critical metering applications where pressure above 2500 psi is not required.
Standard Operation

- Create dispensing method with SSI configuration software (supplied with pump). Enter total flow rate, percentages for each channel, and duration.
- Download method to pump through USB port. Computer connection is not required after download.
- Activate contact closure on rear of pump and the method will start immediately and proceed to completion.
- After completion, pump resets to start of method awaiting next activation.
- New methods can be loaded as often as desired from SSI interface or user-proprietary software (protocols provided).

Binary Dispensing Pump Specifications (Each Channel)

10 mL

- Flow Rate: 0.01 - 10.0 mL/min
- Max. Pressure: 2500 psi
- Flow Accuracy: ± 2%
- Flow Precision: 0.5% RSD
- Remote Control: RS-232 and Run/Stop
- Dimensions: 6.3" H x 7.8" W x 14.2" D (16.0 x 19.8 x 36.1 cm)
- Material: PEEK and Inert Polymers OR Stainless Steel
- Power: 120/230 Vac; 50/60 Hz

40 mL

- Flow Rate: 0.01 - 40.0 mL/min
- Max. Pressure: 750 psi
- Flow Accuracy: ± 5% at midpoint of flow
- Flow Precision: 0.5% RSD
- Remote Control: RS-232 and Run/Stop
- Dimensions: 6.3" H x 7.8" W x 14.2" D (16.0 x 19.8 x 36.1 cm)
- Material: PEEK and Inert Polymers OR Stainless Steel
- Power: 120/230 Vac; 50/60 Hz