

AMF FEATURES OVERVIEW

1. Selection

Select fluids using a distribution, on/off or switching rotary valve. These ultra-low internal volume designs allow for rapid liquid switching with an extremely low carryover.

2. Multiple Sampling

Our high precision syringe pump is used for sequential aspirating/dispensing of multiple fluids. Its minimal dead volume lets you precisely prepare samples, even with the smallest volumes.

3. Mixing

Blend samples homogeneously with our micro batch mixer. Both aggressive chemicals and delicate samples such as biological media can be mingled.

5. Dispensing

Our dispensing solutions accurately control volume and flow rate. Using a multi-port valve, you can transfer the liquids between multiple sources and targets.

4. Temperature Control

Thermal regulation is an optional regulation. Mix, incubate or dispense your samples at a controlled temperature.

6. Cleaning

Fully automated sample preparation requires thorough cleaning and minimal carryover between batches. Our solutions can be efficiently cleaned or rinsed thus preventing cross-contamination and biofilm formation.

