

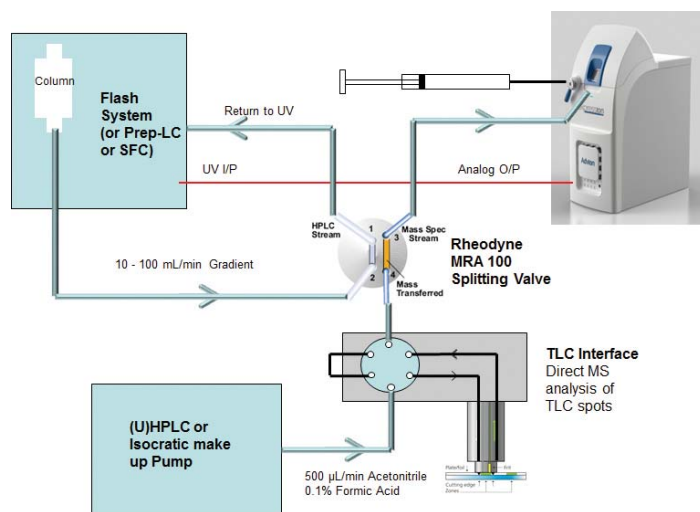
- Advion's unrivalled expertise in mass spectrometry has a mass spec solution just for chemists. Whether you are a biopharmaceutical company, academic teaching/research lab, or any industry requiring routine mass assays, the **expression** CMS delivers high performance in a compact, easy-to-use package at an affordable price.

## Ultimate in Analytical Flexibility

### Multi-mode **expression** CMS

The **expression** CMS was developed with the chemist's objectives and laboratory workflow in mind. Organic, Natural Product and Peptide chemists utilize many techniques to determine the progress, yield and purity of their reactions. Mass spectrometry (MS) provides definitive results at many sequential steps of the chemical intermediate and final product synthetic routes, but the setup and changeover between various sample prep and purification techniques, coupled with MS may be time-consuming and overly complex. Advion's **expression** CMS has solved this through automation and installation simplicity. Moreover, its compact size fits in space-restricted labs, including the fume hood, and can be mounted on a cart for rapid deployment within or between labs, with 100 – 240V, 50/60 Hz operation allowing standard electrical outlet utilization.

### Configured To Switch Quickly Between Techniques Without Re-plumbing



The CMS can be configured in a multi-mode arrangement at the center of the chemist's workflow and integrated with several techniques at once. For example:

- TLC plate reader
- Flash
- Prep-LC
- SFC
- (U)HPLC
- Manual Syringe Injection

This allows the chemist to switch effortlessly between techniques in just seconds without the need to re-plumb or re-configure the system.

Analyze your reaction mixture by TLC/CMS or manual syringe injection (FIA/CMS), purify with the highest recovery and purity using mass-directed fraction collection (Flash/CMS), and purify/confirm your final registration vial compound by analytical (U)HPLC/CMS, all with the same configuration and a single mass spectrometer. Maximize the value of your **expression** CMS.