Selective Sampler for ACAMS & MINICAMS*

- Increase the selectivity of ACAMS and MINICAMS based air-monitoring systems by adding an additional column via the **Selective Sampler**.
- The **Selective Sampler** does not require any modification of the ACAMS or MINICAMS to install a second column into the sampling stream.
- The **Selective Sampler** is automatically synchronized with the sample-purge cycles of the MINICAMS or ACAMS using digital communication from the MINICAMS and analog-to-digital communication from the ACAMS.
- The **Selective Sampler** MINICAMS version and the **Selective Sampler** ACAMS version each use the same preconcentrator tubes as their respective host systems.
- **Selective Samplers** can be fitted with any 0.32 mm capillary column at the time of manufacture. Experienced users can install a different column later, as needed.
- The **Selective Sampler** features a simple user interface via a 20 x 4 backlit LCD with an integrated 6-button keypad.

- The easily navigated display screens present important information clearly, allowing users to monitor various instrument temperature readings, carrier gas and clean air pressures, and sample flow rates.
- Users simply set a time gate corresponding to the time when the compound of interest exits the column and the **Selective Sampler** automatically sends the relevant sample to the MINICAMS or ACAMS during their sample period. While the MINICAMS or ACAMS are in their purge period, the **Selective Sampler** begins a new sample period. This design results in no interruption of the normal functioning of the MINICAMS or ACAMS.
- The **Selective Sampler** is a simple and affordable way to add an additional column to ACAMS or MINICAMS based air-monitoring systems, while still maintaining the standard ACAMS and MINICAMS configuration. This avoids the inherent problems with non-standard solutions such as installing a second column directly in an ACAMS system.

Cahaba Micro, LLC

www.cahabamicro.com
205-202-1045
jsides@cahabamicro.com