2026 PAC SIMDIS Analyzer Training - Houston

Dedicated Training to Improve Performance, Knowledge and Skills

PAC Training program Houston

The AC Analytical Controls® product line offers a range of high-tech analyzers for petrochemical sample streams, based on Gas Chromatography. Our products are user friendly and easy-to-use, although the technique is complex. These courses are designed to assist operators and lab engineers in their day-to-day operation of PAC systems by providing the optimal mix between theory, practice, and hands-on training. Training improves laboratory productivity and the accuracy of instrument results.

SIMDIS Course Description

The 3-day SIMDIS training course is designed for new and experienced users of PAC products; however, a basic knowledge of gas chromatography is required.
Class sizes are small, so the course is highly interactive and flexible.
The courses consist of theoretical and practical sessions, including:

- System details, software and hardware application in a practical way
- Interpretation of results and discussion
- Troubleshooting and maintenance
- Calibration of the instrument

Detailed Program:

Day 1: Introduction & system familiarization

- Introduction to Simdis principle, Applicability to the petrochemical industry and Summary of Simdis methods
- Hardware demonstration on PTV / TPI, Detector, Column and Analysis conditions
- AC software Introduction, Installation and Practice
- Preparing High Temp calibration & sample analysis and creating sequence

Day 2: Simdis software and different applications

- Calibration of the system, generating AC reports, peak skew & resolution calculations, review of automatic retention time updating
- Calculations & interpretation of results by endpoint determination- ASTM algorithm, product setup for various samples and sample types
- Special features on user reports, cut points, D86 correlation, Noack, MOV, Wax and quenching factor.
- Practice Calibration of Simdis with recovery calculation, normalization options
- System startup: electrical & gas connections, GC & auto sampler configuration, installation of column & liner, of septum & syringe, and measuring flows.

Day 3: Troubleshooting and practice

- Practice with data files of the Simdis samples run on day 2
- Trouble shooting on error & warning messages, non-incremental boiling point order, blank not subtracted
- Common chromatographic problems e.g., baseline issues, contamination, leaks, electronic/mechanical failure, wrong sample type settings
- Maintenance

Registration:
To register, please complete the registration form to review a formal quote. . FORM

Costs:
This 3-day course has an all-in fee of $3,425.00 per person.

Contact:
For additional information please contact the Houston office 1-800-444-8378 at or send a mail to the Service Help Desk (PACHOU.Service@paclp.com)

Terms and Conditions:

- Registration is required by completing the online registration form or by e-mail. Further details will be submitted by e-mail.
- Payments need to be settled 100% prior to the start date of the training course.
- Registrations will be considered in the order of receipt. They should arrive at our company at least 6 weeks prior to training dates.
- Classes are limited to 10 participants. Courses with less than 3 registrants are subject to cancellation.
- Relinquishment within 14 days before course commencement or in case of non-participation.
- 100% of the seminar fees will be charged. Of course, a training registration can be transferred to a colleague.
- Training price includes training, training materials, plus lunch and beverages at the training facility. Costs for traveling, accommodation, and other meals are not included.

PAC Training Room & Applications Lab
8824 Fallbrook Drive
Houston, TX 77064