

## 2026 PAC SIMDIS Analyzer Training – Rotterdam

Dedicated Training to Improve Performance, Knowledge, and Skills

### PAC Training Program – Rotterdam

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. To improve your skills, obtain the best results, and completely understand your analyzer, PAC offers a complete program of factory, customized and on-site trainings. 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 2-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 and System Familiarization

- Inventory of sample streams and occurring problems
- 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
- Preparations for high-temp calibration, sample analysis, and creating sequences
- Calibration of the system, generating an AC report, peak skew and resolution, review of automatic retention time updating
- Calculations and interpretation of results by endpoint determination – ASTM algorithm, product setup for various samples and sample types A, B, C
- Special features on user report, cut points, D86 correlation, Noack, MOV, Wax and quenching factor



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**ac**<sup>®</sup>  
ANALYTICAL CONTROLS

## Day 2: SIMDIS Software and Troubleshooting

- Practice calibration of HT SIMDIS with recovery calculation and normalization options
- System startup: electrical connections, gas connections, GC and autosampler configuration, installation of column and liner, installation of septum and syringe, and measuring flows
- Preparations for D2887 calibration and sample analysis by installing column and creating sequences
- Practice with data files of the HT SIMDIS samples
- Calibration of D2887 SIMDIS with recovery calculation and normalization options
- Troubleshooting error and warning messages, non-incremental boiling point order (blank not subtracted)
- Common chromatographic problems, e.g., baseline issues, contamination, leaks, electronic/mechanical failures, wrong sample type settings, etc.
- Maintenance

## Registration

To register, please contact [training.netherlands@paclp.com](mailto:training.netherlands@paclp.com).

## Costs:

This 2-day course has an all-in fee of € 2,480.

*Service Contract Customers will receive a 10% discount.*

## Contact:

For additional information please contact the Rotterdam office at + 31 (10) 2456 248 or send a mail to the AC Training Center ([training.netherlands@paclp.com](mailto:training.netherlands@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 before the training starts.
- Classes are limited to 10 participants. Courses with less than 3 registrations are subject to cancellation.
- Relinquishment within 14 days before the course starts 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 material plus lunch and beverages at the training facility. Costs for travelling, accommodation, and other meals are not included.