

PAC Simulated Distillation Analyser (AC SIMDIS) Training 2018 - Singapore

PAC INSTRUMENTS ASIA PTE LTD

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Singapore 117525

Course Description:

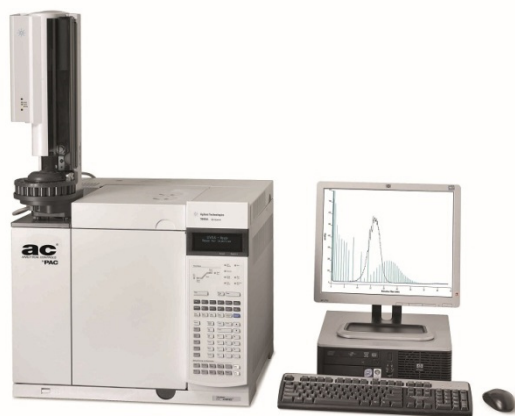
The 3-days SIMDIS training course is designed for new and existing customers of PAC products; however, a basic knowledge of gas chromatography is required. Class sizes are small so the course is highly interactive and flexible. The course consists of theoretical and practical sessions, including:

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

Course Part Number and Cost:

Part Number: 9-220-007

Cost: \$ 1,000.00 USD for each attendee



Who Should Attend?

New users or current operators who need a refresher to fill in knowledge gaps.

Course Materials:

PAC will provide the printed presentations materials and an instrument will be available for hands-on lab practices.

Length: 3 days

Prerequisites: Basic knowledge of Gas Chromatography and Agilent Chemstation.

Course Agenda:

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
- Preparations for High Temp calibration & sample analysis and creating sequence

Day 2: Simdis software and different applications

- Calibration of the system, generate AC report, peak skew & resolution, review of automatic retention time updating
- Calculations & interpretation of results by endpoint determination – ASTM algorithm, sample type 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
- Practice Calibration of HT Simdis with recovery calculation, normalization options and quenching factor
- System startup: electrical connections, gas connections, GC & auto sampler configuration, installation of column & liner, installation of septum & syringe and measuring flows

Day 3: Troubleshooting and practice

- Practice with data files of the HT Simdis samples
 - Working with historical data (import feature)
- Column Installation
- Trouble shooting on error & warning messages, non-incremental boiling point order, blank not subtracted
- Common chromatographic problems on baseline not correct, contamination, leaks, electronic/mechanical failure, wrong sample type settings
- Maintenance

Contact us to Register Today!

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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 10-12 participants. Courses with less than 4 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. The training registration can be transferred to a colleague.
- Training price includes training, training material, and lunch and beverages at the training facility. Costs for travelling, accommodation, and other meals are not included. PAC can, upon request, facilitate in arranging your hotel accommodation.