

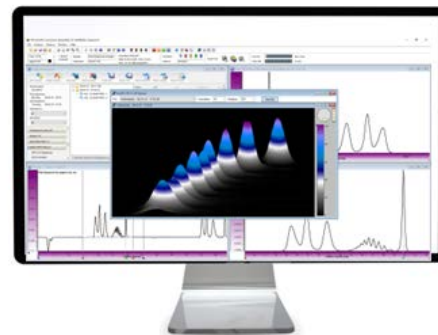
Reliable data evaluation with the viscometry and light scattering WinGPC modules (P/N 899-0031)

Description

This software training course is designed for present users of the WinGPC software modules viscometry, single angle light scattering, multi angle light scattering and for future clients using light scattering, viscometry or Triple detection. It offers lectures and practical PC sessions given by an experienced polymer chemist with extensive knowledge about chromatography, WinGPC and the methods described above.

Participants should be familiar with the basic WinGPC features and functions. Previous attendance of the WinGPC UniChrom software training course (P/N 899-0029) is recommended but not required.

For clients interested in a hands-on training including measurements with the instruments itself, PSS offers an alternative 2-day viscometry/light scattering hands-on training (P/N 899-0025).



After successful participation each attendee should be able

- to identify the best method for advanced molar mass determination of samples
- to determine important instrument and system constants
- to achieve reliable results from viscometers, light scattering detectors and Triple detectors
- to recognize and read molar mass results obtained with molar

Program

08.50	Login and Communication's Check
09.00	Welcome, speaker introduction, explanation of training tools
09.15	Advanced characterization with molar mass sensitive detectors Theoretical background light scattering and viscometry Comparison light scattering/viscometry Results and additional information from molar mass sensitive detectors
10.30	Introduction to WinGPC UniChrom WinGPC UniChrom philosophy Data acquisition from viscometers, light scattering detectors, triple detectors WinGPC method setup
11.00	Practical Session part I Enter and edit detectors, create a WinGPC acquisition and evaluation method
12.00	Lunch break
13.00	Influence of system parameters Theoretical background: system parameters Determination of slice concentration, inter detector delay, dn/dc , detector constants WinGPC evaluation options
14.00	Practical Session part II Determination of system parameters, universal calibration

