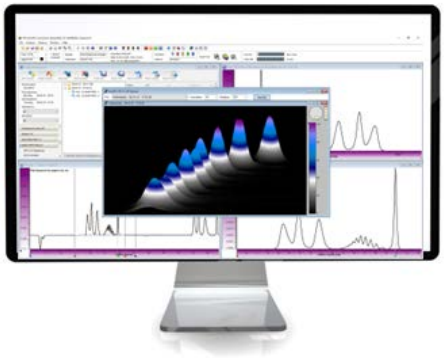
Software Trainingskurs online
WinGPC Viscometry/Light Scattering



# *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



TÜVRheinland CERT ISO 9001

PSS Polymer Standards Service GmbH
In der Dalheimer Wiese 5
55120 Mainz | Germany

Phone +49 6131 96239-0
Fax +49 6131 96239-11
E-Mail info@pss-polymer.com
Web www.pss-polymer.com

Polymer Standards Service-USA, Inc.
160 Old Farm Rd, Suite A
Amherst | MA 01002 | USA

Phone +1 413 835-0265
Fax +1 413 835-0354
E-Mail pssusa@pss-polymer.com
Web www.pss-polymer.com

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**15.00** **System validation**
Influence of system parameters on results
Detector validation and Trouble shooting

**15.30** **Practical Session part III**
additional sample evaluation, optimization, result discussion

**approx. 16.00** **Course review and end of training course**

**Registration and organization**
PSS Polymer Standards Service GmbH
Training Academy
P.O. Box 3368
55023 Mainz, Gemany
Phone: 0049- 6131-96239-30; Fax: 0049- 6131-96239-11
info@pss-polymer.com
https://pss-polymer.com/training-events/event-list.html

**How does it work?**

- After receiving your registration, we will send you the registration confirmation.
- We will contact you to get to know you and to identify your course goals. We would be happy to help you check the suitability of your PC / laptop.
- Approx. one week before the course, you will receive a package from PSS with the printed course documents.
- One day before the event you will receive an e-mail with the access link.
- The training itself is interactive, you have time and opportunity to ask questions during the presentations and practical sessions. Please make sure that you have a microphone so that you can talk to us.
- You will receive your certificate of attendance one day after the training.

**Conditions of participation**
To participate you need a PC/laptop with keyboard and mouse, internet access and audio functions.
A headset is recommended. We recommend a quiet room for attendance. Attendance from home office is possible.

The course is conducted using a software training tool.
Test the suitability of your system here

A separate, additional access to a WinGPC installation for the practical sessions is provided.
PSS TeamViewer licenses are used here.
Test the suitability of your system here

**Participation fee** EURO 590,-
Includes participation (lectures and practical session), training documents and technical setup. Training documents are sent in printed form in advance. Your certificate of participation will be sent electronically.

**Cancellation policy**
We ask for your understanding that if you cancel up to 2 weeks before the start of the course, a cancellation fee of 50% of the participation fee will be due. If you cancel at a later date, the participation fee can no longer be reimbursed, but a substitute participant can be provided.



PSS Polymer Standards Service GmbH
In der Dalheimer Wiese 5
55120 Mainz | Germany
Phone +49 6131 96239-0
Fax +49 6131 96239-11
E-Mail info@pss-polymer.com
Web www.pss-polymer.com

Polymer Standards Service-USA, Inc.
160 Old Farm Rd, Suite A
Amherst | MA 01002 | USA
Phone +1 413 835-0265
Fax +1 413 835-0354
E-Mail pssusa@pss-polymer.com
Web www.pss-polymer.com