

Refractometry – User training courses basic knowledge

Refractometers are basic configurations in many laboratories. The demands on this, in principle quite traditional measuring technology, have increased enormously in recent years. Refractometers are used for qualitative and quantitative analysis. They allow studies in a simple setting of production processes and also in the highly regulated area of pharmaceutical laboratories.

The performing of measurements of the refractive index or derived concentrations, e.g. % BRIX, are possible in a fast, accurate, and consumable-free way. Even a minimum of sample guarantees reliable results. However, not every device is equally suitable for each individual application.

Take advantage of the opportunity to deepen your experience and bring your skills and expertise up-to-date. The workshop teaches knowledge about physical fundamentals and the fundamental measurement technique. He describes the interesting development of the first devices up to the modern digital refractometer.

Among other things, factors influencing a precise measurement will be discussed. In addition, you will receive valuable information on the currently most important key points regarding to successful qualifications and audits for safe laboratory operation.

We describe numerous applications based on various practical examples and show a wide range of equipment variants and combinations with other new applied measuring techniques. Of course, we will also take a look at the latest state-of-the-art automation procedures.

The participants train all important measuring processes directly on our devices. Maybe you have samples that have always been difficult to measure? Bring it with you. Our experienced trainers will provide you with new expert tips and tricks. You can use this specialist's expert knowledge directly to examine your samples on our equipment.

Program:

- Physical fundamentals and basic measurement technology
- Factors influencing a precise measurement
- Successful qualification and audit secure operation
- Expert tips and tricks for daily practice
- Avoid frequent application errors
- Practical measurements on the device

Audience:

For all users of refractometers who want to learn more about the theory and current practical measurement options.

Trainer:

Dr. Cornelia Göbel, Dr. David Polster, Stefan Wegner

Date, Venue, Expenses:

- Basics of Refractometry (13.02.2019 / 09.09.2019)

Venue: Hamburg, Deutschland, A.KRÜSS Optronic GmbH

Language: English

Expenses: € 690,00 plus tax (14% VAT) and without overnight accommodation

Contact and application:

Stefan Wegner ♦ stefan.wegner@kruess.com ♦ +49 40514317-51

Application Form - User Training

Company / division: _____

Participant / name: _____

Participant / name: _____

Participant / name: _____

Address: _____

Telephone no.: _____

E-mail address: _____

Registration for the following training(s):

13.02.2019	Basics of Refractometry (EN)	17.06. 2019	Grundlagen der Refraktometrie (DE)
09.09.2019	Basics of Refractometry (EN)	04.11.2019	Grundlagen der Refraktometrie (DE)
14.02.2019	Basics of Density (EN)	18.06.2019	Grundlagen der Dichtemessung (DE)
10.09.2019	Basics of Density (EN)	05.11.2019	Grundlagen der Dichtemessung (DE)
15.02.2019	Basics of Polarimetry (EN)	19.06.2019	Grundlagen der Polarimetrie (DE)
11.09.2019	Basics of Polarimetry (EN)	06.11.2019	Grundlagen der Polarimetrie (DE)

Would you like us to book a hotel room for you in Hamburg? YES NO

Day of arrival:

Day of departure:

Baseler Hof www.baselerhof.de
Empire Riverside www.empire-riverside.de

Motel One Hamburg / Alster www.motel-one.com/de/hotels/hamburg/

i Please note that a credit card is required to pay for the hotel rooms. If the hotel reservation is cancelled any fees that may occur must be paid.

I herewith bindingly sign up for the chosen dates.

Date, place: _____

Company signature / seal: _____