



TRAINING

APPLICATIONS Training

DEVELOPMENT

SKILLS

Class Size

Because our trainings are interactive and learner-oriented, we limit class size to a maximum of six participants. Early enrollment is encouraged as registrations are accepted on a first-come/first-served basis. We reserve the right to cancel a course if there are fewer than three registrants four weeks prior to the start date.

Attendance Fee**

The course fee is \$3,500 USD per attendee.

Location

Bruker Training Facility
5465 East Cheryl Pkwy
Madison, WI 53711 USA
+1 (800) 234-XRAY

*To get the most out of the class, it is highly recommended that you fly into Madison, WI (MSN) on Sunday and fly out Friday.

** Each participant will be provided with class materials, computer to use during class and lunch each day of class.

PN 862-862600

S8 TIGER Series 2 with SPECTRA^{plus} V4 With Option for Mapping Applications Training Class

About the Course

This hands-on course applies to users of SPECTRA^{plus} on S8 WDXRF spectrometers. The training presents the theoretical fundamentals and preparation techniques as well as the methods in quantitative element analysis. The main focus is on performing X-ray fluorescence using the SPECTRA^{plus} software package.

Monday | 9am – 5pm

- Welcome & Introduction
- General XRF Theory with Specimen Preparation
- Measuring Samples (Loader Program)
- Retrieving Results (Results Program)
- QUANT.EXPRESS (Standardless) – Part 1
 - Introduction
 - Measuring samples

Tuesday | 9am – 5pm

- QUANT.EXPRESS (Standardless) – Part 2
 - Evaluating results with Eval2
 - Drift correction of QUANT.EXPRESS
- Quantitative Analysis – Part 1
 - Calibration Database
 - Materials
 - Preparation
 - Standard Samples

Wednesday | 9am – 5pm

- Quantitative Analysis – Part 2
 - Creating a measurement program
 - Measuring Calibration and Drift Samples
 - Calibration
 - Line Overlaps
 - Mathematical Models

Thursday | 9am – 5pm

- Quantitative Analysis – Part 3
 - Extended calculations (Modules) - Optional
 - Specifications for Limits Testing
 - Results Formatting
 - Creating the Finished Application
 - Testing the Application
- Course Wrap-up, Evaluations & Closing Remarks

Friday | 9am – 3pm

** Please note: This session is only available when the optional Mapping Package has been purchased with the S8 TIGER 2.*

- Introduction to XRF2 Mapping
 - Overview
 - Files
- Mapping Tool program
 - Creating a mapping file that is used to measure a sample
- Measuring samples with a mapping file
- Viewing the results of a mapping measurement
- Exporting results to a csv file
- Drift Correction of mapping program
- Wrap-up, Evaluations & Closing Remarks

For Course Questions Please Contact:

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For Registration and Other Questions:

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