S8 TIGER Series II with SPECTRAPlus V4
(With Option for Mapping)
Applications Training Class

P/N 862-862600
Bruker AXS Inc
Madison, WI Training Center

About the course

This hands-on course applies to users of SPECPlus 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 SPECPlus software package.

Monday, 9am – 5pm

- Welcome & Introduction
- General XRF Theory with Specimen Preparation
- Measuring Samples (Loader Program)
Retrieving Results (Results Manager Program)

Tuesday, 9am – 5pm

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

Wednesday, 9am – 5pm

- QuantExpress (Standardless) – Part 2
  - Creating a measurement program with MethodWizard
  - 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 – 12pm

- 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

Class Size

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

Attendance Fee**

The course fee is $3,500 USD per person.

Bruker Training Facility

Bruker AXS Inc

5465 East Cheryl Pkwy

Madison, WI 53711-5373

USA

1 (800) 234- XRAY

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

** Each participant will be provided with class materials, computer and lunch.

For Course Questions Please Contact:

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For Registration and Other Questions:

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