



Duration: 2 days

Series IX™ Software Operator's Course

Realise the potential of your operator personnel and investment in Instron® equipment through comprehensive 'hands-on' interactive instruction.

Who Should Attend?

- New Series IX for Windows® operators
- Test instrument operators
- Lab supervisors
- Product engineers, product inspectors
- Anyone interested in advancing their knowledge of the Series IX for Windows software



Series IX homepage.

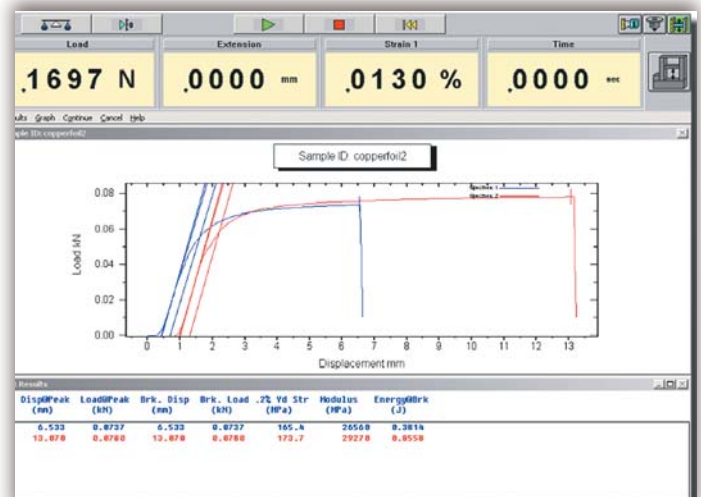
Course Description

A two day computer training course on operating Series IX for Windows software. Students will learn how to run tests with Series IX, generate reports and plots and reanalyse test data. Attendees will create their own test methods and learn how to select and add calculations using available calculation parameters. The course also covers editing raw data files, creating ASCII and DIF files for external databases and setting up a password security system.

Course Objectives

After completing this course, students will be able to:

- Control tests using Series IX on Instron® instruments
- Create and customize Series IX test methods
- Select appropriate calculations for your tests
- Reanalyse (replay) existing data files
- Plot test curves on a screen display, printer or plotter
- Assign password access to each Series IX user
- Manage Series IX test methods and raw data files
- Create data files for use with external databases
- Understand Series IX file structure
- Edit data files



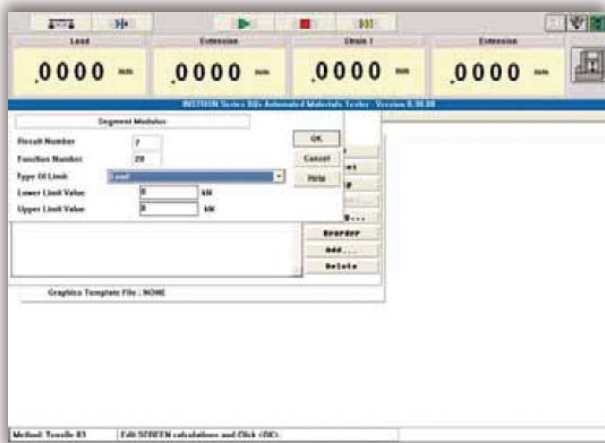
A typical load-displacement curve with seven calculations acquired using standard Series IX/s software.

Course Outline

Day 1

9:00 a.m. - 4:45 p.m. (approximately)

- Course objectives and overview
- Introduction to Series IX™ capabilities
- System overview, required hardware, power-up
- Run typical tensile test
- Generate standard report
- Create a new test method
 - Enter main window - (global) parameters
 - Enter specimen information
 - Enter test control and test stop parameters
 - Enter data collection rates and compression information
 - Enter calculations and associated parameters
 - Modify test methods
 - Resume testing
 - Replay existing data
 - Plotting data - graph module - screen, printer, plotter
 - Review



Calculation select window.

Day 2

9:00 a.m. - 4.45 p.m. (approximately)

- Selecting calculations
- Calculations - review of all calculations
- Complete calculations
- Create your own test method(s) for your application
- Series IX Utilities
- Editing data files
- Series IX file structure
 - Raw data files
 - Test method files
 - ASCII, DIF files
- Series IX security system
- Series IX diagnostics
- Review of day 1

Prerequisites:

- A fundamental operating knowledge of modern PC's including the basic use of MS Windows®
- A familiarity with materials testing concepts and principles
- Test instrument operation experience would be an advantage

Training Material:

- Comprehensive Training manual included

To register for a course, please contact us at
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