

Dynamic Mechanical Analysis (DMA 7)**N020-0616****2.5 Days****Tuition \$1500**

This course is for people who have recently started using the dynamic mechanical analysis system, DMA 7. The practical aspects of operation and maintenance will be covered.

Prerequisite

The attendee should have at least one month of experience with the instrument.

Lectures and Labs

- System configuration/overview
- Operation of accessory kits
- Set-up and calibration
- Maintenance and troubleshooting
- Sample handling
- Generic applications
- Operating variables
- Safety
- Data handling

Thermomechanical Analysis (TMA 7)**N020-0606****.5 Day****Tuition \$385**

This course is designed for people who have recently started using the TMA 7. The practical aspects of operation and maintenance as well as introductory theory are covered.

Prerequisite

The student should have spent at least one month becoming familiar with the instrument.

Lectures and Labs

- System configuration/overview
- Set-up and calibration
- Sample handling
- Operating variables
- Data Handling
- Operation of accessory kits
- Maintenance and troubleshooting
- Generic applications
- Safety

Please visit www.perkinelmer.com/service for registration options and cancellation/refund policies.

Diamond TG/DTA**N020-0630****3 Days****Tuition \$1755**

This course is designed for people who have recently started using the Diamond TG/DTA system. The practical aspects of operation and maintenance will be covered.

Prerequisite

The attendee should have at least two weeks experience with the instrument and should have reviewed the Quick Help tutorial.

Lectures and Labs

- Diamond TG/DTA basic introduction and theory
- Instrument precautions and operating tips
- Maintenance and troubleshooting
- Calibration and verification

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**Introduction to Differential Scanning Calorimetry
(DSC 7, Pyris 1, Diamond DSC)****N020-0607****2 Days****Tuition \$1220**

This course is for people who have recently started using the DSC 7, Pyris™ 1 DSC or the Pyris Diamond DSC. The practical aspects of operation and maintenance as well as introductory theory are covered in the course. In addition, the common functions of the Pyris software and their application to the use of the various power compensated DSC instruments will be demonstrated. The Pyris Player and the DSC robotic systems will **not** be covered in this course.

Prerequisite

The student should have spent at least one month becoming familiar with the instrument.

Lectures and Labs

- System configuration/overview
- Setup
- Baseline optimization
- Calibration
- Maintenance and troubleshooting
- Practical laboratory experiments
- Generic applications
- Data handling
- Operating variables
- Safety

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Introduction to Thermogravimetric Analysis (TGA 7 and Pyris 1 TGA)**N020-0605****1.5 Days****Tuition \$960**

This course is designed for people who have recently started using the TGA 7 or the Pyris™ 1 TGA. The practical aspects of operation and maintenance as well as introductory theory are covered. In addition, the course covers the common functions of the standard Pyris software and applications of the TGA 7 and Pyris 1 TGA. The Pyris Player and the TGA Autosampler will **not** be covered in this course.

Prerequisite

The student should have spent at least one month becoming familiar with the instrument.

Lectures and Labs

- System configuration/overview
- Setup
- Calibration
- Sample handling
- Practical laboratory experiments
- Generic applications
- Data handling
- Operation

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Introduction to Differential Scanning Calorimetry (Pyris 6 DSC)**N020-0623****1.5 Days****Tuition \$960**

This course is for people who have recently started using the Pyris™ 6 DSC. The practical aspects of operation and maintenance as well as introductory theory are covered in the course. In addition, the common functions of the Pyris software and their applications to the use of the Pyris 6 DSC will be demonstrated. The Pyris Player and the DSC6 Autosampler will **not** be covered in this course.

Prerequisite

The student should have spent at least one month becoming familiar with the instrument.

Lectures and Labs

- System configuration/overview
- Set-up
- Baseline optimization
- Sample handling
- Data handling
- Safety
- Practical laboratory experiments
- Generic applications
- Calibration
- Operating variables
- Maintenance and troubleshooting

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