Thank you for your interest in **TA Instruments’ Training Courses**. Enclosed please find the detailed program, practical information and a registration form.

This 2-day Basic DSC training is designed for the operator to get the most out of his DSC. It includes a theoretical and a practical part. The practical part is based on the Q-series DSC.

**DSC Basic Training, Day 1**

09.15 – 09.30  Registration - coffee  
09.30 – 12.00  Introduction technique and instrumentation  
  Thermodynamic principles  
  Design of an experimental method  
  Calibration: theory and practical work  
12.00 – 13.00  Lunch  
13.00 – 16.30  Optimisation of experimental conditions  
  (purge gas, sample preparation, choice of pan type, heating & cooling rate, maintenance): theory and practice  
16.30 – ….  Question session

**DSC Basic Training, Day 2**

09.15 – 09.30  Registration - coffee  
09.30 – 12.00  Measuring conditions for typical material classes  
  The glass transition temperature: theory and practical work  
  Melting and crystallisation: theory and practical work  
12.00 – 13.00  Lunch  
13.00 – 16.30  Heat capacity  
  Hints for optimum use of data analysis software  
  Introduction to Modulated DSC  
16.30 – ….  Question Session
Practical Information

Location: Application lab TA Instruments Brussels (B) or Etten-Leur (NL)

Language / notes: The course language will be English. Notes will be provided at the start of the first course day.

Registration fee: Registration fee is 750 Euro for the 2 days per person. Lunch is included. Participation is free of charge for users who recently bought new equipment, with a maximum of 2 persons (excluding optional hotel fare). Universities / schools receive 200 Euro discount on the registration fee. An invoice for course registration (if applicable) will be send after the course.

Hotel: If desired we can make a hotel reservation for you or provide you with information of hotels located close to our office. Hotel expenses are additional and to be paid directly at the hotel reception.

For all additional questions please contact Katia Van Praet at:

B: +32-2-7060080 or
NL: +31-76-5087270
**Registration Form**

Mail to: [belgium@tainstruments.com](mailto:belgium@tainstruments.com) or [netherlands@tainstruments.com](mailto:netherlands@tainstruments.com)

or fax to: +32-2-7060081 or +31-76-5087280

Name:

Company:

Department:

Address:

ZIP Code: City:

Phone: Fax:

E-mail:

I want to register for Basic DSC Training on

- [ ] February 22-23, 2005, in Etten-Leur
- [ ] June 7-8, 2005, in Brussels
- [ ] September 13-14, 2005, in Brussels
- [ ] November 29-30, 2005, in Brussels

Note that the indicated course location is tentative and might be subject to changes.

Please make hotel reservation on ………………….. (indicate date)

Registration fee for the course:

- [ ] Free of charge (user of new equipment)
- [ ] 750 Euro
- [ ] 550 Euro (University / school only)

As a confirmation of your registration you will receive at latest a week prior to the course a road description to our application lab, and if applicable more details with respect to the hotel.