



# TA Instruments Training Courses

## Rheology

Thank you for your interest in TA Instruments' Training Courses. Please find below the detailed program, practical information and a registration form.

### Basic Rheology Training (theory and hands-on) - 2 days

*This training is designed for the user to get a maximum out of their rheometer. It is a mixture between theory and practical hands-on.*

#### Day 1

09.00 – 09.15	Registration – coffee
09.15 – 10.00	Review of terminology. Configuring the instrument – geometry choice, calibrations and sample preparation.
10.00 – 10.30	Practical Session <ul style="list-style-type: none"><li>• Setting up an instrument</li><li>• Review of calibrations</li></ul>
10.30 – 10.50	Refreshments
10.50 – 12.30	Introduction to flow – what can it tell you, how to perform tests
12.30 – 13.15	Lunch
13.15 – 14.00	Practical Session – Flow experiments
14.00 – 14.45	Introduction to viscoelasticity and transient testing – what can it tell you and how to perform the tests.
14.45 – 15.15	Refreshments
15:15 – 16.30	Practical Session <ul style="list-style-type: none"><li>• Transient (creep) experiments</li><li>• Axial testing</li></ul>



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### Day 2

*A continuation of day 1, covering the remaining techniques and selection of relevant practical.*

09.00 – 10.00	Dynamic techniques <ul style="list-style-type: none"><li>• Defining non-destructive testing</li><li>• Rheological fingerprinting</li></ul>
10.15 – 11.00	Practical Session – Dynamic tests
11.00 – 11.20	Refreshments
11.20 – 12.15	Dynamic techniques <ul style="list-style-type: none"><li>• Structure and structure recovery</li><li>• Cures (time and temperature ramps)</li></ul>
12.15 – 12.30	Review of what rheological experiments suit you and your application
12.30 – 13.15	Lunch
13.30 – 16.00	Practical Session dynamic tests – with time to practice experimental techniques
16.00	Close



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## Rheology

### Practical Information

Location: Application lab of TA Instruments in Etten Leur.

Language: The course language is in English.

Notes: Included in the course is a memory stick which contains the presentations and supporting documents.

Registration fee: **Registration Closes 3 Weeks Before the Course Start Date**

Registration fee is EUR1.600 +vat per person.

- Lunch & refreshments are all included.
- Participation is free of charge for users whose equipment is within its warranty period or whose equipment is covered by a premium service contract, with a maximum of 2 persons (excluding optional hotel fare).
- Universities/schools receive EUR 100 discount on the registration fee.
- An invoice for course registration (if applicable) will be sent after the course.

Hotel: Hotels located close to our office are:  
(Hotel expenses are additional and to be paid directly at the hotel reception.)

- The Trivium Hotel | [www.fletcherhoteltrivium.nl](http://www.fletcherhoteltrivium.nl)
- Hotel Het Witte Paard | [www.hotelhetwittepaard.nl](http://www.hotelhetwittepaard.nl)

\*Please note there is no organized evening event.

Info: For all additional questions please contact Line Vanden Eede  
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NL: +31-76-5087270  
[Lvandeneede@tainstruments.com](mailto:Lvandeneede@tainstruments.com)



# TA Instruments Training Courses

## Registration Form

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

Name:

Company:

Department:

Address:

ZIP Code:

City:

Phone:

Fax:

E-mail:

I want to register for the theoretical Rheology training on  March 21 & 22, 2017, in Etten-Leur  
 July 5 & 6, 2017 in Etten-Leur  
 November 15 & 16, 2017, in Etten-Leur

Registration fee for the course:

- Free of charge (user of new equipment)  
 Free of charge (academic, premium or lifetime support plan)  
 1600 Euro  
 1500 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.**