Dynamic Mechanical Analysis Open House

MCR 702 MultiDrive Rheometer | Dynamic Mechanical Analyzer

Anton Paar invites researchers from across academia and industry to an open house event showcasing the new Dynamic Mechanical Testing capabilities of the MCR 702 MultiDrive. The event will span two days (September 27 and September 30) and cover useful techniques for characterizing mechanical properties of polymer-based products such as thermoplastics, thermosets, elastomers, adhesives, paints and coatings, films and fibers, as well as composites. Attendees will be encouraged to provide complex samples for demonstration. Attendees will have the option to register for one or both days, and samples can be shipped in advance or brought to the event by attendees.

AGENDA

8:30-9:00	Registration, Coffee and Anton Paar Regional Office Tour
9:00-9:30	Welcome / Introduction
9:30-12:00	Theoretical basis of DMA measurements Discussion on Interesting Applications of DMA Testing
12:00 – 01:00	Lunch
01:00 – 01:30	Hands on Introduction to MCR 702 MultiDrive
01:30 – 04:45	Sample Measurement and Discussion on Sample Measurements

Date & Time:
September 27 and 30, 2019
8:30 AM – 5:00 PM PDT

Location:
Anton Paar USA, Inc.
Western Regional Office
2824 Columbia Street
Torrance, CA 90503
USA

To register, please follow the link here: *https://dmaopenhousewest.eventbrite.com*

Anton Paar's true DMA capabilities include gathering quantitative and qualitative data on applications such as ::

Viscoelastic properties
- Storage/loss moduli (E', E'')
- Damping factor (tan δ)

Detectable thermal effects
- Glass transition
- Crystallization
- Recrystallization
- β-relaxation
- Melting

DMA data analysis allows to make statements about:
- Degree of cross-linking or crystallization
- Aging behavior
- Impact of additives/fillers
- Impact of processing conditions
- Influence of thermal degradation
- Curing Behavior
- Optimum temperature range for application
- Residual stresses
- Creep/stress relaxation
- Lifetime prediction

Presenter and Trainer: Alexander Klutz, Global DMA Specialist & Product Competence, Anton Paar

Questions? Contact Product Specialist, Hasan Faisal hasan.faisal@anton-paar.com or call 310.775.2196