

Newsletter August 2019

Spring and autumn are fair times! Once again, this year several fairs take place where many companies we represent in Switzerland and in Liechtenstein are present.



Focus on multi-component transducers from GTM

The *Automotive Testing Expo 2019*, which took place in Stuttgart from May 21 to May 23, 2019, came to a successful end for GTM Testing and Metrology GmbH, a leading international provider of force and torque measurement technology. At the center of the company's presentation were its multicomponent transducers. In particular, solutions for e-mobility, measuring systems and sensors for autonomous driving and vibration measurements were presented.



Binder KMF115 in use for master thesis

For his master's thesis, Siegfried Bähr chose both an exciting workplace as well as a challenging project. The young scientist wanted to use a BINDER climate chamber (KMF 115) to investigate how metallic powder materials interact with ambient humidity and the impact of this interaction for laser beam melting.

Here is the [full text of the case study](#).



BINDER at the ILMAC (Sept.-27, 2019)

From the Incubator CB 170 through the Freezer UF V 500 to the Solid.Line, you can marvel and try out BINDER devices, at this year's ILMAC, taking place from September 23 to 27, 2019, in Basel. A special highlight is the new software APT-COM 4.

Make an appointment with our sales manager and engineer Mr. Hofmann. He will be present at the BINDER stand on September 25. David Bosshard, the market manager of BINDER, will meet you throughout the entire duration of the trade fair.

Venue: Messe Basel, Hall 1.1 / D240



Shimadzu with his new AGX-V at Composites Europe, the trade fair for composites (Sept. 10-12, 2019)

Following the rollout of the AGX-V high-end product line at the *Automotive Testing Expo*, Shimadzu is now presenting the 10kN model at the [Composites Europe](#).

As a reminder, the new machines are available in the table versions with nominal loads of 10kN and 50kN as well as in the floor-standing versions 50, 100, 300 and 600kN. The following features distinguish them:

- maximum 10kHz data acquisition rate
- maximum 20 analog inputs
- grade 10 alignment accuracy (ASTM E1012).
- very high frame rigidity

The high-speed camera HPV-X2 with at most 10 million frames per second, which is important for the study of extremely fast breakage processes, is presented at the fair too.

Join the live demo or a guided tour. Discuss your testing task with TeMeCo and receive our offer for the appropriate **Shimadzu AGX-V**.

You can find our flyer about all models [here](#).

At Messe Stuttgart you will find Shimadzu in Hall 9, B46.

Further details can be found at: [Shimadzu at Composites Europe](#) (as a customer you have the opportunity to order a free ticket).

If you wish, you can download a [fold-out map](#) below, listing the highlights with time and place information.



Plastic Fair «K» (Oct. 10-23, 2019)

At this year's K 2019, Göttfert focuses on robotics in melt index measurement. But efficiency is also a main issue with the rheometers: set us advise you on the Rheograph Contifeed for *continuous measurements*, the rheometer for clean room, rheometer for PVT measurements (isobar and isotherm) or for *thermal conductivity measurements* as well as the rheometer with back pressure chamber. Let us explain the *Spinline rheometer* and the *strain rheometer*.

In the field of elastomeric materials, you are likely to be interested to the Rubber Capillary Rheometer, which is specifically designed to study the flow behavior of rubber compounds under processing conditions. Whether for the polymer or elastomer test – Göttfert offers the software for the competent computation and processing of the data, not only for the protocol or the database, but also for simulation calculations.

Grab the opportunity and make an appointment with us at the fair.

[Plastic fair «K» 2019](#)

October 10-23, 2019, Dusseldorf
Booth: Hall 10 J55

Seminar (in German): [Melt index measurement](#)

November 26-27, 2019
At Göttfert, in Buchen

