



**Newsletter August 2017**

	<p><b>GTM - The right tightening of screw connections</b></p> <p>Tips and tricks on the topic of "assembly of force, torque and multi-component sensors". GTM - the manufacturer of high-precision measuring instruments - leads you to the best and safest results with correct application of the GTM products.</p>
	<p><b>Ultrasonic fatigue testing systems USF-2000 and USF-2000A from Shimadzu</b></p> <p><b>How reliable are additive manufactured alloys fatigue loaded in the very high cycle regime?</b></p> <p>The development of ultrasonic vibration test systems significantly expands the state of the art. This makes it possible to carry out detailed investigations under conditions relevant to the operating environment and life expectancy. This means that there are very powerful tools which allow to study the effects of the SLM process parameters on the resulting functional performance.</p> <p>Read the detailed application report <a href="#">link</a></p>
	<p><b>Göttfert - DOR - Breakthrough in Dynamic Online Rheometry</b></p> <p>Dynamic tests are used to determine the structural properties of polymeric materials. With the use of on-line capillary rheometers, only the determination of the rheological properties in stationary flow was possible. With the DOR from Göttfert, the simultaneous determination of the viscoelastic properties in dynamic mode as well as the online measurement of viscosity and melt index in stationary driving mode are now possible.</p> <p>Continuous determination of the viscoelastic properties of polymer melts.</p> 

	<p><b>Severn Thermal Solutions - Environmental simulation chambers</b></p> <p>Severn Thermal Solutions has extensive experience in designing and manufacturing high temperature furnaces and environmental test chambers for a variety of applications in industry and universities. The product and knowledge base ranges from furnace systems for the processing or testing of advanced ceramics at temperatures up to 3000°C and includes climatic chambers, which are used for materials testing and processing applications at temperatures from -180°C to +600°C. Cooling is ensured by liquid nitrogen or carbon dioxide.</p> <p>Severn offers a wide range of standard products, as well as tailor-made solutions for specific requirements.</p> <p><a href="#">datasheet</a></p>
	<p><b>Seminars</b></p> <p>12./13. September 2017 (German Language)          Göttfert-Online-Kapillarrheometrie, in Buchen/D  <a href="#">Program</a> - It has only a few places available</p> <p><b>Exhibition Highlights</b></p> <p>17. - 21. October 2017          FAKUMA - International trade fair for plastics processing,          Friedrichshafen, Germany</p> <p><i>Göttfert Werkstoff-Prüfmaschinen GmbH is in B1-1200</i></p>