



**Online tools, new software packages, virtual tours, new developments and a patent**

**TeMeCo, May 2020**

Despite the Corona crisis, the technical development at our partners did not stop. Fortunately, especially in the fight against Covid-19, as BINDER impressively shows. As a representative too, we are still there for you, whether virtually, on the phone or physically on site.

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|   | <p><b>Test Machine Configurator from Shimadzu</b></p> <p>The new <a href="#">Test Machine Configurator</a> from Shimadzu guides you quickly and easily to the basic setup for your field of application. The test machine configurator helps you with the basic configuration of the test machine before you discuss the specific application in detail with your TeMeCo consultant.</p> <p>This is for instance very important in the automotive industry: As an innovation driver for technology and materials, quality and process management are indispensable in automotive engineering. In the entire production and supply chain of the suppliers, it must be ensured that standards, norms and regulations are respected worldwide.</p> <p>After you have selected your basic equipment and entered some comments in the machine configurator you can save it for an offer request. It will be forwarded to the corresponding country representative, for example TeMeCo.</p> |
|  <p><b>Virtual 3D-Tour</b><br/>   Experience our products with a walk through our laboratory world!</p> | <p><b>Shimadzu Virtual 3D Tour</b></p> <p>In 2016, Shimadzu Europe opened its laboratory world for customers from all over Europe. Test equipment from the entire Shimadzu product range is available on an area of more than 1,500 m<sup>2</sup> – from gas chromatographs or mass spectrometers to material testing machines and micro hardness testers. In addition, laboratory areas are available for customer applications and seminar facilities.</p> <p>Visit the <a href="#">virtual tour!</a></p>   |



### **BINDER Presents a New Generation of Vacuum Drying Chambers**

BINDER has further developed the VD and VDL series. Equipped with the MB2 controller as standard, the chambers now offer the possibilities and ease of use that the dynamic climate chambers already offer. Thus, there is now a program-controlled drying monitoring with automatic ventilation. The controller allows the current and the set values to be displayed at the same time.

A vacuum drying chamber of the VD series impresses with gentle drying due to its precise temperature control. The patented expansion rack technology from BINDER ensures optimal heat transfer. In addition, a safety vacuum drying chamber of the VDL series is also an explosion-proof device and guarantees maximum safety when drying organic solvents!



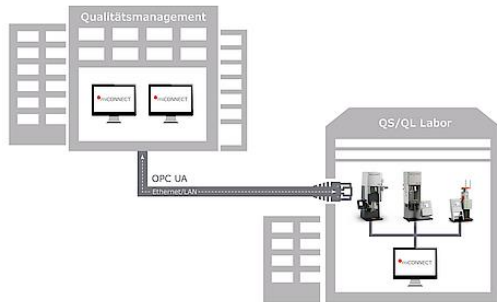
### **Freezers and CO<sub>2</sub> incubators from BINDER against Covid-19**

The Swiss scientist Professor Dr. Volker Thiel was able to create the first synthetic clone from corona viruses and thus made an important breakthrough in corona research. The freezers from BINDER, cooling the samples down to -80 ° and making them that way durable, were decisive for the success of the virologist. With this artificial copy, laboratories and scientists all over the world now have the opportunity to develop a vaccine.

Learn more about it in this [video](#).

CO<sub>2</sub> incubators are also used. The topic of safety plays a central role in these devices: BINDER ensures that an anti-contamination concept is available after working on human cells.

In a [corresponding report](#), BINDER talks about its role in this research.



### miCONNECT: Test Software for MFI Devices

The browser-based new test software for melt index test devices "miCONNECT" allows test plans and parameter sets to be created independently of the device on several end devices, the measurement to be checked live, its results to be analysed and the generated test reports to be managed or exported.

The integration of the industry standard 4.0 OPC/UA into GÖTTFERT melt index test devices allows a bidirectional data exchange between test device and test software. The interface enables as well data transmission to higher-level systems such as LIMS (Laboratory Information System) or MES (Manufacturing Execution System).

miCONNECT is available for all current Göttfert MFI devices. Furthermore, existing data records from the previous MFR Host software can be integrated.



### GTM Obtains Patent for Force-Acceleration Transducer

Innovation helps providers and operators: With flexible use, dynamic test benches can be configured to be future-proof: GTM presents a new, now patented invention.

It is a combined force-acceleration transducer that enables the correction of the acceleration forces during dynamic measurements in test benches. "Our innovation creates more flexibility because it can be used for changing testing tasks," says Christoph Seipel, responsible for the development of dynamic force transducers at GTM and inventor of the solution. The European Patent Office granted patent protection for this invention, from which providers and operators of test benches will benefit.

Here you can find more information about the [patented transducer](#).



### Agenda Göttfert

- [Fakuma 2020](#) (13.10.2020-17.10.2020)

#### Seminars:

- [Rheology of elastomers and thermosets](#) (16.6.2020-17.6.2020)
- [Determination of the viscosity function with the capillary rheometer](#) (22.9.2020-23.9.2020)
- [Online capillary rheometry](#) (24.11.2020-25.11.2020)



### TeMeCo also there for you during the lockdown

No matter whether via TeamViewer, Zoom, Teams, on the phone or, if necessary, physically on site. Ask us about our offers for universal testing machines, climatic chambers, rheometers and fatigue testing machines etc. Our service staff will be happy to support you within the given possibilities. *According to our principle: customer service and support on site.*