

## Media Release

### **ComoNeo from Kistler: Setting New Standards in Automated Process Monitoring for Injection Molding**

**Winterthur, 1 September 2015 – Kistler will unveil its new ComoNeo process monitoring system at the Fakuma trade fair from 13 to 17 October 2015. The ComoNeo is the system of choice for any company that aims to optimize monitoring and analysis of the injection molding process so as to cut costs permanently.**

For many years, Kistler's innovative solutions to enhance process reliability in injection molding have ensured the firm's leading position in the global market. These systems all feature mature technology with one common denominator: quality testing is integrated into the injection molding process. The benefit: faulty parts can be excluded from the production process before they cause unnecessary costs. The ComoNeo process monitoring system – to be premiered at the 2015 Fakuma – moves automated production process monitoring into a new dimension: first-time customers will find that Kistler's new system provides a simple introduction, while users with experience in this field will appreciate the technological advances that it offers.

#### **Simple, intuitive operation**

The ComoNeo process monitoring system breaks new ground in the development of hardware as well as integrated monitoring software. To start with, the entirely new intuitive design sets new standards. The display – equipped with optimized touch-based operation – is now more closely tailored to users' needs. Users also benefit directly from the increased number of channel inputs on the ComoNeo: twice as many cavity pressure signals can now be recorded, so molds with a large number of cavities can be connected. Likewise, the number of digital outputs is doubled, so more components can be evaluated individually. The ComoNeo software is also committed to a process-oriented operating philosophy – as is clear from the various new tools that offer active support with analyzing process fluctuations and monitoring component quality. This system is ideal for highly quality-conscious companies that aim for systematic analysis and optimization of their processes – and it is also an excellent choice for firms that focus on the transparency of their injection molding processes and comprehensive documentation of component quality.

#### **Innovative Functions for Optimized Processes**

Daniel Fick, Kistler's Product Manager in the Plastics Strategic Business Field, emphasizes the high innovative content of this newly developed product: "The launch of ComoNeo has moved automated monitoring of the injection molding process into a new dimension. A host of innovative functions position ComoNeo on the market as a powerfully attractive process monitoring system." One outstanding highlight of the integrated monitoring software is the tool that generates and positions the monitoring boxes for good/bad evaluation. In the past, users had to set the monitoring boxes themselves. Now, the ComoNeo includes a systematic process (Evaluation Assistant/EO Assistant) that guides the user quickly and accurately to the rejection limits. The results from the EO Assistant therefore define the evaluation types and the relevant limits. Thanks to this approach, components can be monitored with high precision and pseudoscrap (i.e. "presumed" scrap) is reduced. Complaints from customers are also avoided because no faulty components leave the production line. Reducing pseudoscrap and eliminating rejects are two especially crucial factors in cutting production costs in the injection molding process.

The "dashboard" is a second highlight: this is an overview screen that collates all the relevant process data to give a clear picture of how the production lot is currently progressing. Thanks to the dashboard, Kistler customers can detect process fluctuations very quickly. Users can also navigate directly from the dashboard to the detailed data. Another attractive innovation: the operating controls and procedures are consistently geared to the injection molding process – for instance, cavity-specific analyses can be carried out.

### Additional Tools to Improve Process Monitoring

But that's not all: ComoNeo offers even more tools – such as the newly-designed user management feature that allows every company to set up its own specific roles for various users, and automatic mold identification to prevent errors on the interface between the mold and the integrated monitoring software. Automated mold selection also reduces retooling times. In a nutshell: when the objective is to maximize production efficiency in the injection molding process, ComoNeo is the process monitoring system of choice for quality-conscious companies.

Kistler is presenting its new ComoNeo process monitoring system at Fakuma in Friedrichshafen from 13 to 17 October 2015 on stand 3104 in hall A3.

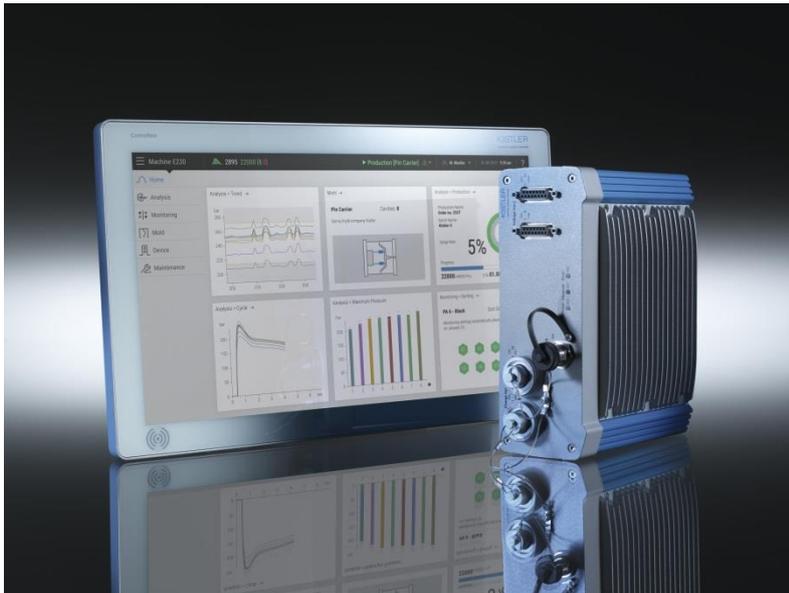


Image 1

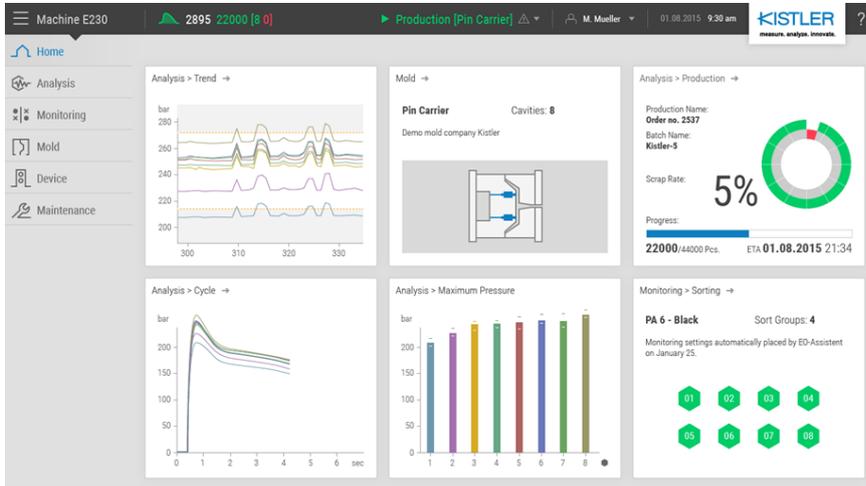


Image 2

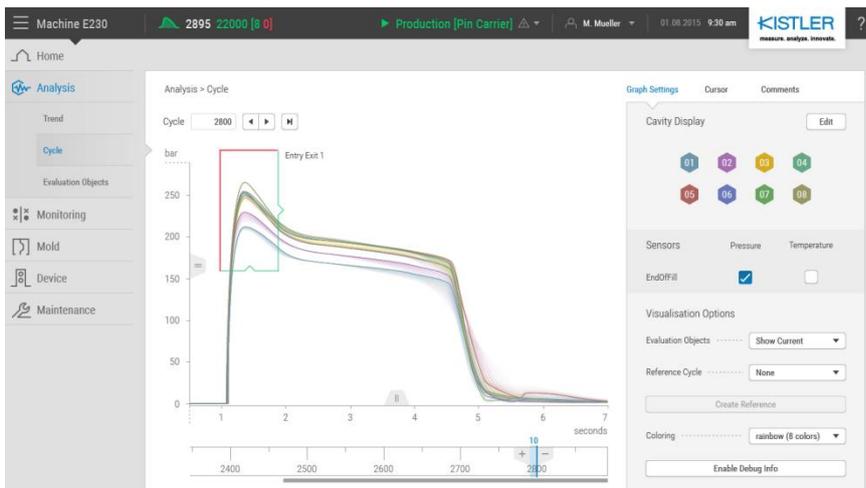


Image 3

### Captions

Image 1: **ComoNeo** is the process monitoring system when the objective is to maximize production efficiency in the injection molding process.

Image 2: **Dashboard**: The homepage that summarizes all the relevant process data to give a clear picture of the current status of the process at a glance.

Image 3: **EO-Assistant**: Software-guided generation and positioning of the monitoring boxes for good/bad evaluation.

## About the Kistler Group

The Swiss-based Kistler Group is one of the world's leading providers of dynamic technology for measuring pressure, force, torque, and acceleration. Kistler technology is used to analyze physical processes, control industrial processes, and optimize product quality.

Kistler offers a comprehensive range of sensors, electronics and systems for engine development, automotive engineering, plastics processing, metalworking, assembly engineering and biomechanics.

The Group is internationally represented thanks to its 30 sales and production companies, three tech centers and more than 30 agencies on every continent. This allows customers to benefit from local contacts as well as application support tailored to their needs.

The Kistler Group employs 1,350 people and, in the 2014 financial year, achieved sales of 319 million CHF.

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