

Press release

It pays to take a closer look

At Fakuma 2018, Vester will showcase all the benefits of automated testing

Straubenhardt, September 2018

Vester – a Kistler Group company – will demonstrate its all-round expertise in test automation for plastic and hybrid parts at the Fakuma 2018 trade fair from 16 to 20 October in Stuttgart. At stand 6112 in hall A6, visitors can see how 100% process control for series parts is implemented efficiently with Vester's latest-generation VVC 821 and VVC 620 automatic test systems, which can be integrated into automated production lines as required.

There can be no doubt that injection molding has become more complex and challenging: multi-cavity molds and innovative processes now make it possible to produce complex geometries and exceptionally intricate plastic or hybrid parts. But these advances also create more demanding standards for quality assurance and product testing: 100% control of manufactured parts and end-to-end documentation of the production process are increasingly specified as requirements. To meet these challenges, Kistler offers appropriate components, systems and solutions from one single source.

For plastics processors and service providers, automatic testing and sorting systems from Vester – a Kistler Group Company – are the solution of choice: they combine process reliability with efficient quality monitoring, including automated segregation of good and bad parts. Modular test cells equipped with appropriate camera and illumination technology allow end-to-end testing of dimensions, geometries and other component attributes – combined with high throughput rates and outstanding precision.

End-to-end quality testing with high throughput rates

The VVC 620 is an automated testing system equipped with up to six cameras, used for integrated testing of continuously manufactured parts. It can be flexibly integrated into production lines, and it allows dimensional inspection, contour tracing and detection of surface defects at high processing speeds of up to several hundred parts per minute. Users enjoy maximum comfort thanks to a touchscreen, and they can make individual settings to handle faulty parts.

Vester is also showcasing the VVC 821, the latest version of its successful automated rotary plate tester that meets the most advanced requirements. Yet another highlight on display at the Fakuma:

the VVC 821/C with integrated feed, which can achieve testing and sorting rates of up to 700 parts per minute. The VVC 821 is ideal for dimensional inspections of single parts and attributive surface testing; a module for hardness testing can also be integrated as an option.

Successful integration ensures continuity

Test automation solutions are essential whenever the objective is to ensure quality-conscious, reliable production while safeguarding business interests. Vester test cells play a key part in achieving these goals – not only by helping to achieve near-perfect part quality, but also by delivering results that provide users with a basis for optimizing their own production.

After a little more than a year, Vester Elektronik GmbH of Straubenhardt (Baden, Germany) has been successfully integrated into the Kistler Group – as is clear, for instance, from the continuous growth of its workforce. All Kistler's existing and new customers can rely on tried-and-tested processes – and they also benefit from access to a proven test automation portfolio backed by comprehensive advice and services. Thus, Kistler is successfully focusing expertise in multiple fields to offer one single source for industrial manufacturers across a variety of sectors.

Experience test automation – live!

Your personal advisors at **Vester – a Kistler Group Company** – are looking forward to welcoming you warmly to **stand 6112 in hall A6** at the Fakuma in Stuttgart from 16 to 20 October 2018.

Visuals (Reproduction is free of charge provided that the Kistler Group is credited as the source of the image)



Quality assurance made easy: automatic testing and sorting systems from Vester – a Kistler Group Company – enable 100% control of plastic and hybrid parts.



Users of the VVC 620 "punched part test cell" can perform efficient, high-precision dimensional inspections, contour tracing and surface tests on continuously manufactured parts.



The VVC 821 automated testing system features a continuously rotating glass plate and allows correctly positioned camera inspection of up to 700 individual parts per minute.

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About the Kistler Group

Kistler is the global market leader for dynamic pressure, force, torque and acceleration measurement technology. Cutting-edge technologies provide the basis for Kistler's modular solutions.

Customers in industry and scientific research benefit from Kistler's experience as a development partner, enabling them to optimize their products and processes so as to secure sustainable competitive edge. Unique sensor technology from this owner-managed Swiss corporation helps to shape future innovations not only in automotive development and industrial automation but also in many newly emerging sectors. Drawing on our extensive application expertise, and always with an absolute commitment to quality, Kistler plays a key part in the ongoing development of the latest megatrends. The focus is on issues such as electrified drive technology, autonomous driving, emission reduction and Industry 4.0.

Some 1 900 employees at 61 facilities across the globe are dedicated to the development of new solutions, and they offer application-specific services at the local level. Ever since it was founded in 1959, the Kistler Group has grown hand-in-hand with its customers and in 2017, it posted sales of CHF 422 million. About 8% of this figure is reinvested in research and technology – with the aim of delivering better results for every customer.