



K 2016

In October, some 3,100 businesses from almost 60 nations from the plastics and rubber industry will again be presenting trend-setting products, processes and practical solutions on more than 170,000m² of net exhibition space. The strongest contingent of exhibitors comes from Europe, especially from Germany, Italy, Austria, Switzerland, France and Turkey, but there is also an impressive number of participants from the USA. At the same time, K is an indicator of changes in the global market: in recent years, the number of Asian companies and the exhibition space booked by them has been rising steadily, and this year, particularly China, Taiwan, India, Japan and South Korea will be show-

ing a strong presence. Tailored materials, efficient use of resources, zero-defect production, generative production methods and digitalisation are only some of the many technological trends featured by this year's trade fair. Our show previews in this and the coming issue of PETplanet will give you a flavour of what to expect from PET-relevant exhibitors at K 2016.

K 2016 will be held from October 19-26 at the Düsseldorf fairgrounds.

www.k-online.com

Inspection systems 4.0

In the field of plastic packaging, industry 4.0 stands for the fusion of modern IT with current production technologies. The goal is to achieve better cost and time efficiency for production and excellent product quality. Especially the latter Intravis intends to support with advanced inspection technology of hardware and software.

The IntraVisualizer is a newly developed software converting all measurement results of Intravis systems into simple and easy to read graphs. This way, the user can easily monitor all Intravis equipped lines side-by-side. Different time periods such as shifts or days as well as individual shots can be visualised. The development of different product characteristics can be precisely tracked on the screen. The software is operated on any standard internet browser and is touchscreen capable.

The IntraVisualizer is also capable of creating trend statistics helping to minimise the reject rate. Selected product parameters are being measured and the progress of measuring results is analysed by the IntraVisualizer. It also indicates when a value permanently deviates from the desired nominal value. The Estimated Time to Failure (ETF) is shown on the screen and can be generated automatically via email. This is the time, estimated from trends, when products will start to be defective. The user now has the opportunity to intervene in production before the tolerance limit is exceeded. This prevention of scrap saves material and therefore enables increased productivity.

Intravis

Hall 11 Booth A58



Among the company's exhibits will be the PreWatcher III, an updated inspection system for preform manufacturers (see PETplanet 3/2016, page 28-29). Intravis will exhibit other systems in cooperation with multiple partners. An IntraWatcher directly integrated into the takeout handling is shown at the Polymac Robotics booth (Hall 13, B59). At the Arburg booth (Hall 13, A13-1/A13-2) a CapWatcher is displayed performing inner and outer closure inspection. A SpotWatcher will be presented at the Kautex Maschinenbau booth (Hall 14, A16 / A18).

www.intravis.de