SIKORA EXTRA

Your magazine for Inspection | Sorting | Analysis

Fakuma

SIKORA at Fakuma

You are cordially invited.
Visit us at our booth A6-6110

Experience the premiere of the PURITY CONCEPT V

SIKORA AT FAKUMA 2018

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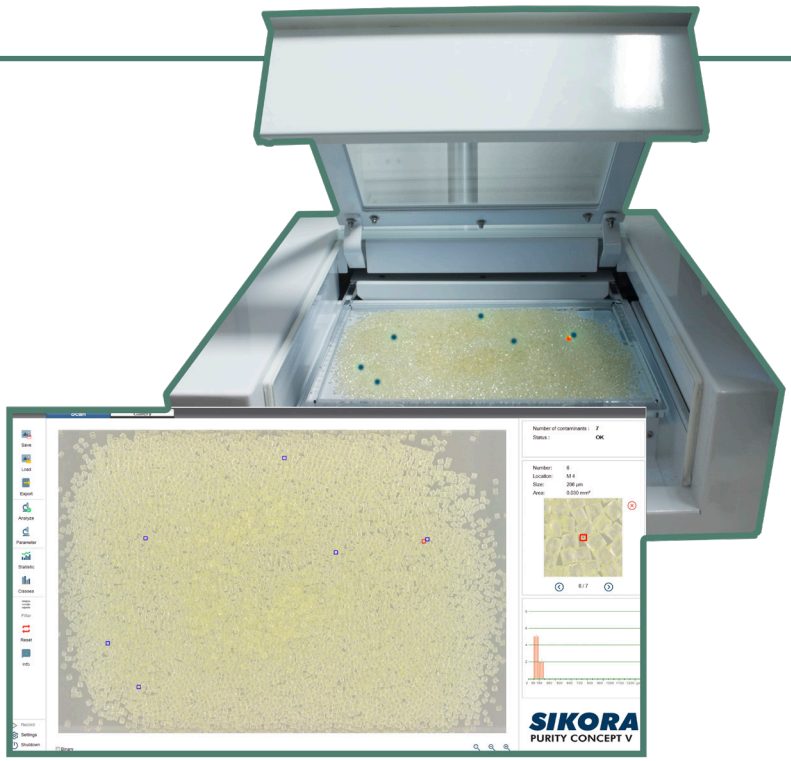
Since 2005, SIKORA has been participating in Fakuma, one of the most renowned exhibitions for plastics processing and presents to visitors future-oriented technological innovations. At this year's Fakuma from October 16 to 20, 2018, in Friedrichshafen/Germany, SIKORA again showcases innovative inspection, analysis, and sorting systems as well as measuring and control devices for the plastics as well as hose, tube and sheet industries.

These highlights await you at the SIKORA exhibition booth A6-6110:



Inspection of test material on the sample tray of the PURITY CONCEPT V and visualization of the color camera record of pellets on the monitor

Inspection, sorting, and analysis

Premiere: PURITY CONCEPT V for optical offline inspection and analysis of plastic material

For small material throughputs and applications where sample testing or incoming goods inspections are sufficient, SIKORA has developed the PURITY CONCEPT V (Visual). The system will be presented for the first time at Fakuma. Several thousand pellets are spread on a sample tray and moved through the inspection area. Within seconds, the pellets are automatically inspected by a color camera and contaminated material is highlighted by a projector directly on the sample tray. A clear allocation of the contamination and follow-up inspection are possible at any time. The system is more precise, reproducible and reliable than human, eye, and manual light table, determines the size of contamination, and therefore, contributes significantly to quality control and process optimization. In addition, SIKORA offers systems for offline inspection and analysis based on X-ray technology. Thus, contaminants inside the plastic materials are detected and analyzed.

PURITY SCANNER ADVANCED: Online inspection and sorting of plastic material

At Fakuma, the PURITY SCANNER ADVANCED is the highlight for online inspection and sorting of plastic material. The system combines X-ray and optical technologies and detects contamination inside plastic pellets as well as on their surface. For example, the X-ray camera detects metallic contamination inside the pellets, the optical cameras identify yellow discolorations as well as "black specks" in transparent and on opaque pellets, and color deviations are detected by color cameras. Pellets with a contaminant are automatically sorted out.

The PURITY SCANNER ADVANCED is designed for plastic manufacturers and processors for quality inspection as well as outsourced sorting.

The interaction of online and offline inspection, sorting, and analysis enables, for example, a comprehensive 100 % quality control as well as sample testing of material purity and the establishment of a database to further enhance processes and prevent future contamination.

Discover innovations at our SIKORA Fakuma exhibition booth

Measuring and control technologies

SIKORA presents a broad product portfolio for quality control during the extrusion of hoses, pipes, and sheets: The CENTERWAVE 6000 offers a 100 % control with innovative millimeter waves technology for the diameter, ovality, wall thickness, and sagging measurement of large plastics pipes. Based on the same technology, the PLANOWAVE 6000 determines the thickness of plastic sheets. SIKORA's presence at the Fakuma is rounded off by the X-ray measuring system X-RAY 6000 PRO for the measurement of wall thickness, eccentricity, inner and outer diameter, and ovality of hoses and tubes as well as a broad range of precise diameter measuring devices of the LASER Series 2000/6000.

Have we caught your attention? We cordially invite you to visit our booth A6-6110.

Linger at our exhibition booth, enjoy interesting discussions as well as delicious delights and refreshing drinks and get inspired by our "Technology To Perfection".

For your visit at Fakuma, we offer a limited contingent of voucher codes that can be redeemed into an e-ticket.

Feel free to contact us at:
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SIKORA
Technology To Perfection

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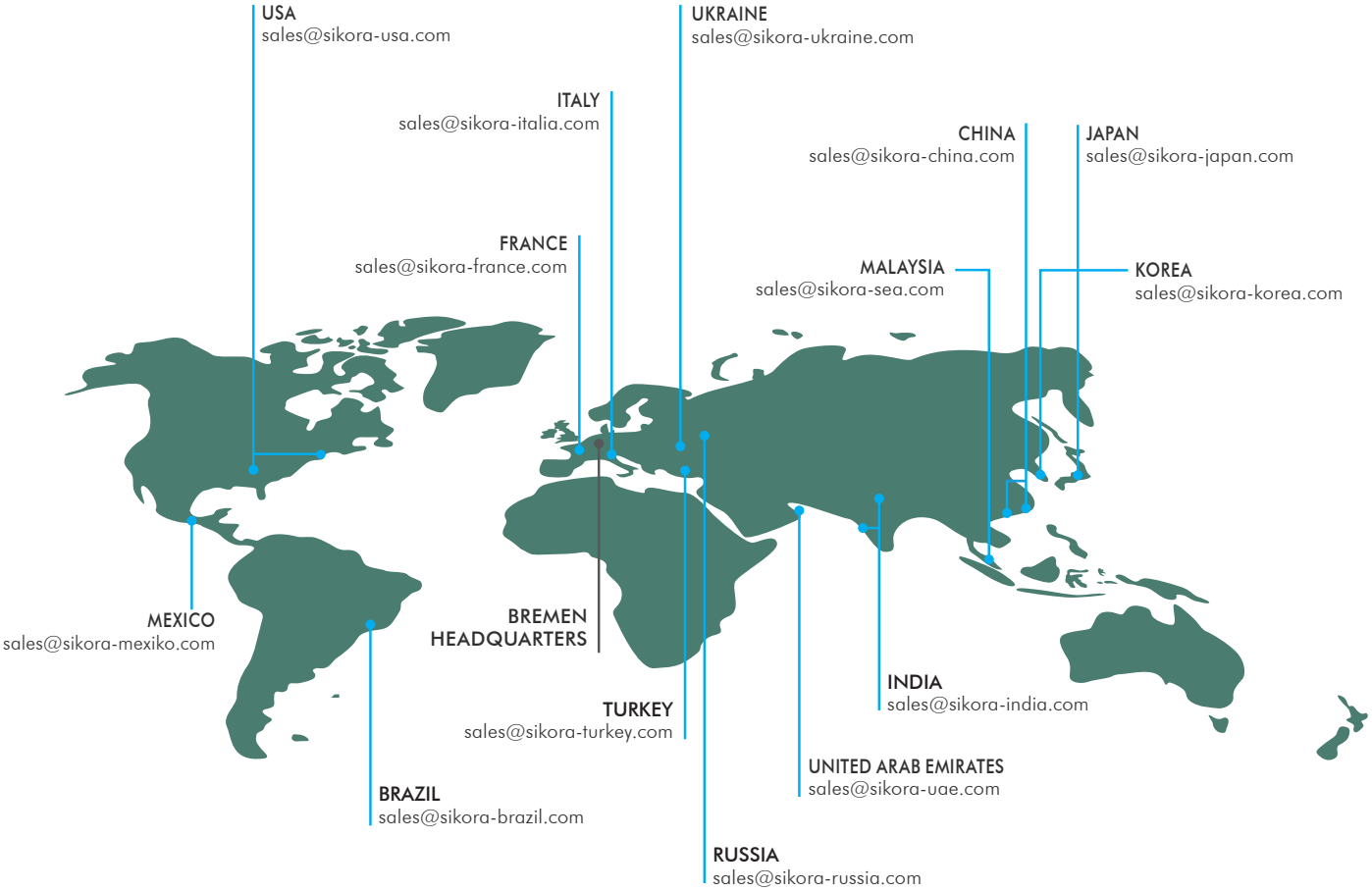

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