

News Release

CHINAPLAS 2023: BASF subsidiary trinamiX showcases Mobile NIR Spectroscopy Solutions for on-the-spot identification of plastics and textiles

- **Innovative handheld solution identifies more than 30 plastic types on the spot**
- **Newly-launched solution introduces on-site identification of more than 15 textile materials and compositions**
- **Product demonstrations from April 17 to 20 at Chinaplas 2023: BASF booth no. 17F71 in hall 17**

Shenzhen, China - March 27, 2023 - trinamiX, a wholly-owned subsidiary of BASF, recently announced that it will be exhibiting at Chinaplas 2023 to present its Mobile NIR Spectroscopy Solutions in Shenzhen. Combining a robust handheld device with an intuitive app, the innovative solutions identify a broad range of plastic and textile materials on the spot. trinamiX thereby empowers customers across the circular economy value chain to improve sorting of waste streams as a crucial step in the recycling process.

At the push of a button, trinamiX Mobile NIR Spectroscopy Solutions distinguish more than 30 plastic types as well as 15 different kinds of textiles and compositions without damaging the material. Within seconds, the results are shown on the user's smartphone and become available in a customer portal where in-depth reports can be created.

The spectrum of the plastic solution ranges from classic polyolefins including PE, PP and PVC to technical plastics such as ABS or PA. The newly-launched textile solution supports a wide selection of textile grades used in clothing, furniture, and household goods, including cotton, wool, silk, and nylon 6/6.6. Textile blends for the most common material types can also be identified.

trinamiX aims to help businesses sort used plastics and textiles into clean waste streams which in turn improve the overall recycling quality. Working closely with customers and partners in various industries around the world, trinamiX empowers circular business models and contributes to an efficient and reliable waste collection, sorting and recycling infrastructure.

"With the introduction of our Mobile NIR Spectroscopy Solutions, we're equipping businesses in China with flexible material identification wherever large industrial solutions don't fit," said Yang Yuxuan, Senior Business Development Manager for Greater China at trinamiX. "We're proud that our solutions bring value to companies while contributing to a more sustainable future in Asia and beyond."

Visit BASF at Chinaplas for live product demonstrations of trinamiX's solutions in hall 17, booth no. 17F71.

For more information on trinamiX Mobile NIR Spectroscopy Solutions, please click [here](#).

About trinamiX

trinamiX GmbH develops cutting-edge biometric and mobile NIR spectroscopy solutions, which are used in both consumer electronics and industrial designs. The company's products enable humans and machines to better capture data with the goal of understanding the world around us. This results in improved decision making as well as stronger biometric security. trinamiX, based in Ludwigshafen (Germany), was founded in 2015 as a wholly owned subsidiary of BASF SE. The company employs over 220 people worldwide and holds more than 370 patents and patent applications.

For more information:

English Website: www.trinamiXsensing.com

Chinese website: www.trinamiXsensing.cn

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