

# FRUIT PROCESSING *digital*

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## Growth drivers for the US ready-to-drink (RTD) market



**EVENTS**

**Automation & measurement technology: Anuga FoodTec shifts the focus to smart sensors . . . . . 42**



From 19 to 22 March 2024, the leading providers of innovative and practice-oriented sensor solutions will once again set standards at Anuga FoodTec when it comes to successfully advancing process safety and efficiency in food and beverage production. High performance sensors that assume many functions of communication across systems – both of machine to machine and of machine to cloud – will be presented on the Cologne fair grounds ...

**QUALITY CONTROL**

**Optimise quality control with next-generation, real-time industrial liquid process monitoring technology . . . . . 46**

Finnish deep tech company ColloidTek, has developed Collo Analyser, a new method for real-time liquid process quality monitoring, offering significant benefits for the food and beverage manufacturing industry. Based on EMF sensors and machine learning, the technology detects various contaminants and identifies potential risks in liquid processing with a single real-time measurement and instant, in-line analysis. This novel solution has the potential to revolutionise liquid quality control by providing food and beverage manufacturers with comprehensive information about the quality of their products at any stage of production, ensuring the safety, quality and correct taste of the end-product ...



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**PACKAGING**

**Further addition for Nature MultiPack:  
KHS provides universal adhesive for plastic bottles . . . . . 48**

Following the launch of a universal adhesive for beverage cans, KHS is now also offering this pioneering further development for plastic bottles. This increases the possible uses of Nature MultiPack, one of the most environmentally-friendly forms of secondary packaging currently available on the beverage market ...

**Hainan Chunguang Foodstuff moves into beverage market . . . . . 50**

Hainan Chunguang Foodstuff Co., Ltd China’s leading food brand, renowned for the manufacture and export of coconut snacks, has chosen Sidel’s Aseptic Combi Predis™ to enable the company to move into the beverage market through the production of coconut milk. In doing so, Hainan Chunguang becomes the first to install a Sidel Aseptic Combi Predis in the Hainan province. Following extensive discussion, Sidel’s proven expertise in aseptic packaging and complete service provision across the entire line proved invaluable, while the ability to utilise dry technology over traditional wet aseptic solutions allowed ...



**WIRELESS COMMUNICATION**

**Ensuring wireless connectivity: IEEE 802.11 roaming, drop, and reconnect strategies . . . . . 52**

In today’s interconnected industrial world, the demand for high-efficiency, uninterrupted wireless communication has grown exponentially. Advancements in IEEE 802.11 wireless LAN technology have led to organisations becoming dependent on wireless communications for activities that were once only available through wired LAN networking. Besides being more reliable, next-generation wireless networks boast higher bandwidth which is driving enterprise-wide innovations. Plus, by being backward compatible, it still supports legacy handheld devices used by employees on the go ...

**MARKETS**

**Growth drivers for the US ready-to-drink (RTD) market shift as malt-based hard seltzers reach saturation. . . . . 56**

A maturing RTD category in the US will see volume growth moderate while value rises rapidly to reach US\$ 21.1bn by 2027. Latest findings from IWSR Drinks Market Analysis, the leader in global beverage alcohol data and insights, show that although the US RTD market was flat in 2022, ending a period of rapid volume growth, it rose in value by 6 % due to a combination of inflation and premiumisation, reaching US\$ 18.2bn. ...

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