**FLIR & TELEDYNE TAPTONE TO PROVIDE COCKTAIL OF INNOVATION AT DRINKTEC**

FLIR, an industry leader in thermal imaging sensors, will partner with sister brand Teledyne TapTone and its patented range of inspection equipment at the world’s leading trade fair for the beverage and liquid food industry: Drinktec 2025 (Munich, Germany, 15-19 September). Joining forces on the same stand, the pair will demonstrate how machine builders and integrators can help beverage plants take their production and quality performance to the next level.

On stand 520 in hall B4, eye-catching exhibits will include a bottle inspection demonstration that combines a FLIR A6301 thermal camera for 24/7 process monitoring and quality control, with automated force detection technology from Teledyne TapTone for advanced leak detection on flexible containers.

A new addition to the FLIR product portfolio, the A6301 extremely sensitive, mid-wave thermal imaging sensor brings reliable cooled cameras to beverage process automation. Introducing a new level of thermal imaging capabilities, the A6301 not only supports rapid integration times, but it also captures high-speed product movement with up to twenty times less motion blur. Notably, the A6301 features an industry-leading 27,000-hour cryocooler lifetime that maximises camera uptime in support of high throughput rates.

TapTone’s PRO-Series FS leak detection system uses a direct force measurement on the sidewalls of a pressurized container, up to 12 bar, and determines the internal pressure of the product. This allows it’s users to monitor the internal pressure of any carbonated, LN2 dosed, or aerosol container and find the smallest problems with over or under pressurized containers at the highest speeds. With a peak speed rating of over 2000 containers per minute and accuracy ratings of +/-1.5psi, the PRO-Series FS is the fastest and most accurate pressure detection system for 100% in-line product inspection.

Also on the stand will be a FLIR A70 smart sensor performing inspection demonstrations. The A70 fixed-mount thermal camera is an affordable solution with integral on-edge analytics, open communication protocols and alarm capabilities for condition monitoring. Machine builders can simplify integration efforts with video management systems that include HMI and SCADA, while options such as ONVIF S compatibility, Wi-Fi, and an integral visual camera mean FLIR A70 cameras represent a flexible, configurable solution.

“Our thermal imaging solutions bring a new level of performance to process control and quality assurance applications in the beverage industry,” states Markus Moltkau, Team Lead Sales R&D Central Europe, FLIR. “Visitors to our stand at Drinktec 2025 will learn how to stay ahead of their competitors with thermal sensors that not only meet the demanding requirements of beverage plant managers but also maximise platform flexibility for integrators.”

Those attending the shared booth will discover how Teledyne TapTone delivers innovative solutions for beverage industry quality control applications that include leak detection, fill level verification, and vacuum and pressure inspection. Taking centre stage will be acoustic sensor technology that today represents the gold standard in beer container leak detection.

"Acoustic technology measures pressure or vacuum in glass bottles with metal closures that lack measurable lid deflection. The sensor taps the lid with an electromagnetic pulse, causing it to vibrate at a natural resonant frequency based on internal pressure or vacuum. This technology is how TapTone got its name and has been used on glass bottling lines with world over for more than 50 years.“If you want to discover the latest in high-speed, in-line systems for testing beverage container pressure, leaks, vacuum or fill level, our booth at Drinktec is the place to head,” says Daniel Petriekis, Global Sales Manager, Teledyne TapTone. “Our patented technologies are engineered to meet the evolving demands of high-throughput, high-accuracy beverage packaging environments.”

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