



NEW LEAK DETECTION TECHNOLOGY DELIVERS NON-DESTRUCTIVE TESTING AND QUANTIFIABLE RESULTS TO MEAT AND POULTRY MANUFACTURERS

INFICON (www.inficon.com) is showcasing its non-destructive leak detection technology to the North American meat and poultry market for the first time at the International Production and Processing Expo (IPPE) (February 12-14; Georgia World Congress Center, Atlanta, GA) (Booth # B-8552). Designed to help meat and poultry manufacturers detect gross and fine leaks in Modified Atmosphere Packaging (MAP) and flexible packaging, the Contura® S400 takes a non-destructive approach to testing and serves as a cost-effective, reliable alternative to more traditional leak detection methodologies including water bath testing.

To test for leaks, the package is placed between two unique membranes that create a conformal vacuum chamber which is quickly evacuated. The gas flows through any package leaks into the chamber where it causes an increase in pressure. INFICON's patented high precision vacuum gauges measure this change to calculate the package's leak rate and delivers results in seconds. Results are reported via an easy-to-read display screen. Distinctive red and green LED lights incorporated into the machine's acrylic lid also communicate if a leak has been detected. All results are reproducible.

The Contura® S400 can be easily integrated into any manufacturing environment. It is gas independent, eliminating the need for meat and poultry manufacturers to make any adjustments to production lines. In addition, the stainless steel housing and dirt-resistant protective cap helps satisfy various hygiene requirements.

The company's technical support staff can help manufacturers adapt the Contura® S400 to suit their specific needs and determine the acceptable leak rate range, which varies depending on the product being packaged.

Application examples include thermoformed meal kits, flow wrapped breakfast sandwiches, vertical form filled and sealed chicken wings, vacuum packed bacon and more.

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