

## FOR IMMEDIATE RELEASE

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# smaXtec's pH Bolus Powers Proactive Feed Management and Healthy Herds

*Proven, internal pH monitoring bolus technology uncovers fluctuations in feed quality and identifies rumen imbalances early for quick intervention.*

MADISON, WI [September 29, 2025] – smaXtec is proud to introduce the [next generation of pH bolus technology](#) giving dairy farmers and nutritionists powerful insights into herd health and feeding management. The pH bolus continuously monitors rumen pH from within the cow's reticulum, providing accurate data to help identify rumen imbalances before they impact milk production or animal health.

"Farmers know better than anyone that feed efficiency directly impacts herd health and the bottom line," said Louisa Koch, Feeding and pH Specialist of smaXtec. "With continuous pH monitoring, they can make ration adjustments with confidence, prevent problems before they escalate and keep cows performing at their best."

## Smarter Insights, Healthier Herds

Maintaining a stable rumen environment is critical for cow health and productivity. With smaXtec's pH bolus, farmers gain 24/7 data on rumen stability, enabling them to identify subtle imbalances before they escalate into major issues. This proactive approach helps prevent conditions such as subacute ruminal acidosis (SARA), reduces feed-related inefficiencies, and ultimately leads to healthier, higher-producing cows.

### Key Benefits

- **Early Detection:** Catch rumen health disorders and feed management problems before they compromise performance.
- **Reliable, Continuous Data:** Accurate pH measurements transmitted directly from the cow's reticulum to the farmer's dashboard.
- **Improved Productivity:** By supporting balanced rumen fermentation, the pH bolus helps optimize feed efficiency, boosting milk yield and animal health.

## New Enhancements for Greater Value

The latest generation of the pH bolus doesn't just measure pH, it seamlessly integrates with smaXtec's platform to deliver a holistic health profile. Alongside pH, farmers can monitor internal body temperature, water intake and drinking cycles, rumination and activity providing a complete view of each animal from the inside.

Additionally, the updated smaXtec Web platform now allows data to be viewed by pens, rations or days

in milk. This makes it easier than ever to evaluate the success of feeding strategies and fine-tune nutrition programs with confidence.

"The pH bolus is really improving our feed game," stated Amber Horn-Leiterman, Hornstead Dairy, Brillion, WI. "We are using the pH bolus to show us how our feed program operates now and what we can change for the future."

### Why pH Matters

Rumen pH is one of the most important indicators of rumen stability and feed utilization. Fluctuations can cause cows to go off-feed, lose production and waste valuable feed resources. By continuously tracking pH, smaXtec empowers farmers to act early and protect herd health, increasing productivity and ensuring long-term profitability.

"Prevention is at the heart of everything we do," said Louisa Koch, Feeding and pH Specialist at smaXtec. "Our pH bolus gives farmers the insights they need to be proactive, safeguard herd health and unlock performance potential across the herd."

[Check out the pH bolus](#), along with the complete health management system, during World Dairy Expo at booth #3413 in the Exhibition Hall.

### About smaXtec

smaXtec is the market leader in digital health management for dairy cows. With cutting-edge sensor technology and smart software, the system helps dairy farmers detect diseases and potential health issues long before clinical symptoms appear. The result is consistently high milk production, significantly reduced antibiotic use, lower vet costs, plus a boost in both animal welfare and farm profitability. By combining highly accurate data – captured using revolutionary bolus technology from inside the cow – with artificial intelligence, smaXtec enables faster, more targeted decision-making. The integrated digital assistant streamlines daily tasks and workflows, making dairy farm operations more efficient. smaXtec helps ensure the long-term stability and profitability of dairy farming worldwide. For more information, visit [smaXtec.com](https://www.smaXtec.com).

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