

Activity
Temperature
Rumen pH value

Actual size smaXtec
pH Plus Bolus



smaXtec pH Plus Bolus

Feeding, Health, Reproduction

The smaXtec pH Plus Bolus provides you with the following functions and benefits



Higher milk yield

Through improved feed uptake and animal health



Monitoring and support of rumen health

Valuable information about rumen health acts as the basis for improving the health of the entire herd



Extended health information

Less medication and lower treatment costs due to early detection of onset of illness



Feed management design

Needs-based ration design (monitoring of ration changes, feed selection)



Unique fields of application

More analysis options provided by the unique combination of pH, temperature and activity parameters



Increased feed efficiency through improved feed conversion

Improved feed efficiency results in savings on feed



The **smaXtec pH Plus Bolus** measures pH, activity and temperature at 10 minute intervals and provides you with a comprehensive overview of your animals' development.

Proactive herd management with smaXtec pH Plus Boluses

Why do you need to measure the pH value?

- **Feed costs** account for **70% of production costs** – this is a major cost factor and cannot be left to chance
- Needs-based feeding is essential for **cost efficient production**
- **Rumen pH value** is gold standard and immediately indicates changes in feeding via **continuous measurements**
- pH value is the only parameter that enables reliable and early **detection of rumen acidosis**
- **Rumen acidosis** is very common in modern dairy herds and often triggers other disorders (e.g. off-feed-syndrome, mastitis, ketosis, reduced fertility)



The rumen pH value is highly sensitive and is the only value that enables immediate conclusions to be drawn about feeding.

Feed management with smaXtec

Feed management

- Ensuring needs-based feeding
- Monitoring of feed supply

Rumen health

- Continuous monitoring of rumen health
- Early detection of rumen acidosis and off-feed syndrome

Feed efficiency

- Identification of inefficiencies indicated by unstable pH values
- Management of feeding costs

smaXtec

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