

## SMAXTEC pH PLUS BOLUS

The smaXtec **pH Plus Bolus** continuously measures pH levels, inner body temperature and activity levels of cows inside the reticulum. The recorded data is transmitted wirelessly to the smaXtec read-out devices in real-time.



### TECHNICAL DETAILS

- **Modell** SX-1042A (for EU and other countries);  
US-1042A (for North and South America)
- **Dimensions** 132 x 35 mm (length x diameter)
- **Certificate** Ruminant fluid resistant – materials tested by the German Agricultural Society (Deutsche Landwirtschaftliche Gesellschaft DLG)
- **Antenna** Internal
- **Memory** Internal measurement value memory: 50 days
- **Battery** Lithium Metal Battery
- **Battery lifetime** Up to 4 years
- **Measurement duration** Temperature and activity measurement: entire battery lifetime  
pH measurement: 150 days (5 months)
- **Measurement intervall** 10 min
- **Measurement range** Temperature: 0° C – 80° C/32 – 176° F  
pH: 3 – 9
- **Measurement accuracy** Relative measurement accuracy temperature (at 39° C/102,2° F):  
± 0,05° C/± 0,09° F  
pH: up to day 90 pH ± 0,2 up to day 150 pH ± 0,4
- **Measurement resolution** Temperature: 0,01° C/0,018° F  
pH: pH 0,01
- **Activity index** 0 to 100
- **Shelf life** from date of manufacture: 18 months
- **Guarantee** pH measurement: 50 days

UNDERSTAND YOUR COW. **FROM WITHIN.**

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