

smaXtec **PH PLUS BOLUS**



The **smaXtec pH Plus Bolus** is designed to provide continuous measurement of rumen pH levels, temperature and activity levels. The recorded data is transmitted wirelessly to the smaXtec Base Station in real-time.

TECHNICAL DETAILS:

- Modell: US-1042A (for North and South America); SX-1042A (for EU and other countries)
- Dimensions: 132 × 35 mm (length × diameter)
- Internal antenna
- Internal Lithium Metal Battery
- Measurement interval: 10 min
- Measurement range (pH): pH 3–9
- Measurement range (temperature): 0° C–80° C/32–176° F
- Measurement accuracy (pH): up to day 90 pH ±0.2
up to day 150 pH ±0.4
- Relative measurement accuracy (temperature at 39° C/102,2° F):
±0.05° C/±0.09° F
- Measurement resolution (pH): pH 0.01
- Measurement resolution (temperature): 0.01° C/0.018° F
- Activity index: 0 to 100
- Measurement duration pH measurement: 150 days (5 months)
- Battery life (temperature and activity measurement): up to 4 years
- Shelf life from date of manufacture: 18 months
- Internal measurement value memory: 50 days
- Ruminal fluid resistant – materials tested by the German Agricultural Society (Deutsche Landwirtschaftliche Gesellschaft DLG)
- Guarantee pH measurement: 50 days

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