

Service ID S00031

Location Austria



Testing of reticulo-ruminal motility measuring systems

Provider service

Raumberg Gumpenstein Research & Development (RGRD)

Link to content

<https://agrifoodtef.eu/catalogue-of-services/testing-reticulo-ruminal-motility-measuring-systems>

Type of Sector

Livestock farming

Accepted type of products

Physical system

Type of service

Collection of test data, Performance evaluation, Provision of datasets, Test design, Test execution, Test setup

Description

Testing of the ability of rumen bolus sensors to measure ruminal motility using a pressure transducer in rumen-fistulated cows. This service is designed for companies developing cattle health technologies, providing reliable, scientific validation of sensor performance. Our approach ensures that bolus sensors accurately measure rumen motility, essential for assessing cattle health and feed efficiency.

How can the service help you

The service helps you by providing a scientifically validated assessment of your rumen bolus sensors' ability to measure reticulo-ruminal motility accurately. This validation ensures that your sensors effectively monitor cattle health and feed efficiency, supporting the development of reliable health technologies for livestock management.

How the service will be delivered

Customisation is limited, as the service can only be conducted with fistulated cattle. However, within this setup, we can adjust measurement frequency and duration to meet your specific testing needs.

Service customisation

The service will be delivered by testing your rumen bolus sensors on rumen fistulated cows at our research facility, using a pressure transducer to measure reticulo-ruminal motility. This controlled setup ensures accurate, reliable data collection, allowing us to provide a thorough scientific validation of your sensor's performance.