

ANKOM^{RF} GAS PRODUCTION SYSTEM



Wireless Gas Production Measurement

- Easily measure kinetics of microbial metabolism
- Continuous computer control of each module
- Modular and Expandable (up to 50 modules)
- High Sensitivity pressure measurement
- Remotely control pressure release
- Data interface with Excel for graphing
- Gas sampling capability

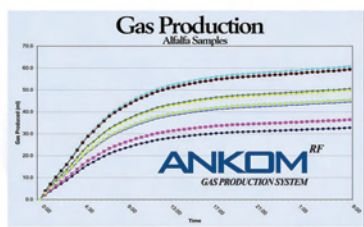
The ANKOM^{RF} Gas Production System provides an easy to use method for monitoring gas production. The system consists of sample jars, RF pressure sensor modules, computer interface receiver/contributor and operational software that can be used with any PC using a Windows XP™ or Windows Vista™ based operating system. Samples and microbial inoculum are placed in jars, the RF sensor module is attached to the jar and placed in an incubator (not included). The pressure of each jar can be measured at any defined time interval. The system also allows the user to program pressure release points for each jar. Pressure measurements are recorded on a standard Excel™ spreadsheet and gas production curves can be generated by the user.



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Specifications

Easy Data Conversion to Gas Production Curves



2-Way RF Communication

RF Data Collection

RF sensors communicate with a computer (not included) to capture data based on user selected parameters.

The program allows individual settings for each sample jar, to include: frequency of pressure readings, pressure release points and length of experiment.

The system provides constant feedback on outgoing pressure readings and more.

Product Specifications:

Module Height = 18.5 cm

Diameter = 7.6 cm

Jar Capacity = ~260ml

PC Link = Radio Frequency

Low Cost Starter Kit Available!



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ANKOM Technology is the developer of Filter Bag Technology (FBT) used around the world for fiber and fat analysis. With customers in over 85 countries, ANKOM has a reputation for quality and innovation. Constantly seeking to develop better methods for time-consuming analytical methods, ANKOM Technology focuses on customers' needs. We offer instruments, chemicals and other ancillary products to support fiber studies, crude fat extraction, total fat extraction, *in vitro* and *in situ* research and more. We work hard to keep costs low with quality and service high.

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TECHNOLOGY

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