

ANKOM RF2000 GAS PRODUCTION SYSTEM

An easy-to-use method for monitoring and measuring gas pressure from anaerobic and aerobic microbial activity.

Any application requiring the testing and monitoring of gas production or vacuum (BOD) can be supported. Each RF module supports gas and liquid sampling during the process.

STRONG, RELIABLE COMMUNICATION

A strong and stable signal ensures consistent connections and confidence in your experiment and data. Pairing modules is quick. Simply turn on your system and power up your software; the software will find the available modules in the area to pair.

Reassigning the Module ID or Name is controlled by the user as desired.

LED indicators on the modules provide a quick visual on connection and communication status, improving troubleshooting and early error detection.



Modules can be easily paired and reassigned to any coordinator by the end user.



LED indicators provide quick visual on connection, power and communication status.



Supports up to 75 modules in a single system.



Easy USB-C charging and extended battery life.



Easy monitoring from your office; no need for a designated computer.



Autosave ensures each session is saved and accounted for even if power is lost.



Increased customization to segment experiments and specify module names.



Easy maintenance with simple electronic replacements with no factory reset needed.





SCALABILITY

The RF2000 System supports up to 75 modules in a single system, giving labs room to expand without adding additional coordinators.

Modules can be named for easier identification, and multiple coordinator systems can run side by side without interfering with each other. This eases the management of larger or parallel workflows.

POWER THAT FITS THE WAY YOU WORK

The RF2000 Modules have a built in battery and utilizes USB-C charging. Simply plug the charger directly into the module top when needed. Battery life lasts up to two weeks between charges or modules can stay plugged in to run continuously.

Power save mode automatically meters battery usage and assists with longevity. This means less handling, fewer interruptions, and more flexibility depending on your lab's need.

SOFTWARE THAT STAYS OUT OF YOUR WAY

The RF2000 software focuses on keeping tests protected and easy to manage.

Autosave ensures every session is saved and accounted for. Overwrite protection helps prevent accidental data loss. Exporting to Excel is convenient and immediate, without extensive folder file paths.

A live session table makes it easier to see what's happening in real time, and system performance is easily monitored, alerting the user to adjust test parameters if resources get tight.

LESS MAINTENANCE

The unique valve design elevates the mechanics and removes the potential for sticking. It's easier to clean and requires less routine attention.

The sealing mechanism is simplified using an O-ring to improve a common wear point, lower the risk of sealing issues and create greater ease of handling. Bottles can stay attached without degrading the integrity of the seal. Overall, it's a more straightforward system to maintain.

PRODUCT SPECIFICATIONS

MEASURING PRINCIPLE	Manometric
CUMULATIVE PRESSURE RANGE	-10.0 – 500.0 psi
ACCURACY	+/- 1% of measured value
RESOLUTION	+/- 0.04
AVAILABLE BOTTLES	Standard GL-45 lab safety bottle fittings, sizes 100ml, 250ml, 500ml, 1000ml and 1.8L
POWER	Battery Powered

