

How does the Rebel fit alongside my current workflows?

In a typical process development or cell culture lab, the Rebel fits along with all your other process analytics like a cell viability and general biochemical analyzers. By implementing the Rebel in the same lab as your other gear, you can eliminate the need to send out your samples to a core lab, saving a significant amount of time. Gaining near-real time analytics on an extended list of analytes and nutrients in your bioreactors and fermenters allows you to improve your efficiency in the lab instead of waiting weeks for your data.

How do I load samples and queue up a run on the Rebel?

The Rebel accepts both septa capped vials and 96-well plates. We provide two plates with each consumable kit. The Rebel's autosampler is cooled to 5 °C, and there are plate covers included in the kits to prevent evaporation. Once your samples are loaded, you can manually input your sample information using the Rebel's intuitive user interface and touchscreen or import a CSV template file that you have already prefilled. The template expedites the process if you are loading a full plate of samples, and we provide the template to you during installation.

Can I get consumables delivered regularly on a schedule? I want to keep up with my processes and never want to wait for media analysis again.

You bet. Often, a group knows their sample load ahead of time for the quarter or year and wants to avoid the sudden rush to order everything at the last minute. Just let your Rebel rep know how frequently you want a new kit (e.g., two kits every month). We will set it up with your procurement/purchasing agents and send you notifications when your new kits are shipped.

What does a typical training and installation process entail?

The Rebel support team schedules and provides training during the installation of the Rebel. Training lasts approximately 1.5 days on site, including the initial setup. Before installation, the team sends you a simple pre-installation checklist to ensure everything runs smoothly. The hands-on laboratory portion of the training is for no more than three end users at a time and covers everything from basic system familiarization, running the system, reviewing data, and application guidance.

Can I get refresher training if new users are brought into the team and need to be introduced to the Rebel?

A refresher training is typical, especially with group turnovers and systems being moved around within an organization. A basic refresher course lasts approximately one day. A Rebel consumable kit will be shipped to the site ahead of time for the specific intention of being used during training. The hands-on laboratory portion of the training is limited to no more than three end users at a time. If you have a big group or several Rebel's, multiple days on site can be arranged to accommodate your needs and are not required to be subsequent. Reach out to your Rebel representative for more information.



Don't see your question answered?
Email us at rebel@908devices.com



I'm tight on benchtop space. Can I run the Rebel on a cart?

You can place and run the Rebel on a sturdy cart. We commonly run the Rebel like this in our own labs, but be sure the cart can support the Rebel's footprint and that you have a power outlet and network port nearby so that you don't go tripping on your cords. Reach out to us for more information about the carts we use so that we can point you in the right direction if you'd like to make your Rebel mobile.

Is the Rebel 21 CFR part 11 compliant? How does it handle audit logs?

Yes, the Rebel is 21 CFR part 11 compliant. The Rebel's system records and timestamps all critical system actions (i.e., user logins/logouts, password changes, system modifications, completion of assays, regular maintenance, and performance qualifications). The audit log files are automatically exported in human readable form to the system's configured network location in real-time. Secondary policies/procedures should be implemented to ensure the integrity of the audit log files once located on network shares outside of the Rebel's control.

Are there different levels of security log-ins with the system?

Username and password access controls protect access to the Rebel's functions at the individual user level. Two user levels are available: user and administrator. User-level operators have access to core system functions to run samples, but no access to modify system settings. The system will automatically logout of the current user if the system has been left inactive for 5 minutes.

Can I put the Rebel on a network?

The Rebel has been developed with network connectivity in mind from the start. The Rebel is an embedded system running a captive application on a background Windows Pro 10 OS. The system can run stand-alone or on a network (ethernet) connection, and no external internet connection is required. The Rebel supports Static IP and DHCP network configurations. Please ensure that secondary policies/procedures are implemented to ensure the integrity of the Rebel's data and reports stored on network shares outside of the Rebel's controls.

What happens if I do not put my Rebel on a network?

The Rebel can work without a network connection and relies on internal storage. However, be advised that local data storage should be considered impermanent – the Rebel has limited internal storage and will delete data/reports on a first-in-first-out basis when its disk is nearly full. It is strongly recommended that a network storage location for data retention/protection purposes be configured in cGMP/cGLP environments. Have an IT person stop by during installation, and it will be simple to set up.

What data formats does the Rebel export, and how are the files saved?

The Rebel saves processed reports in either CSV or PDF file formats. When configured for network storage, the files are saved in real time. No permanent storage of data files or reports is ensured on the Rebel if saved on the internal storage system. It is expected that your company's corporate IT policies can be employed for the resulting files deposited on network shares for long term retention, fraud prevention and adulteration.



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