

Kraftwerks April 2025 Newsletter



When people think about laboratories, they typically relate them to science, technology, experimentation, and analysis. Laboratories can be clinical, research, educational, industrial, forensic, and environmental and they serve a variety of different industries.

Case Study Spotlight - RCM Thermal Kinetics

RCM Thermal Kinetics needed a laboratory for testing custom-designed chemical filtration systems. The work required design, durable and easy-to-clean lab surfaces, equipment including safety features like fume hoods and HVAC, and utilities.

To strategize the lab layout, it was important to take into consideration the number of staff who currently worked in the lab, their collaboration methods, the equipment required, storage needs, and flow of work to ensure a flexible and functional design was in place, all the while considering the future potential of additional staff in the lab.

Interacting with the staff who perform the work is a valuable part of our process. This helps in understanding the lab's workflow and requirements, enabling us to identify areas of improvement.

This means design details, such as outlets, are sufficient and properly placed and that structural elements do not pose issues during installation.

Another aspect of our process is considering ergonomics. Ergonomics contribute to a more efficient workflow, enhance safety, and help reduce workplace accidents.

The finished laboratory design incorporated smart and efficient storage solutions, adequate aisle space, and a workflow that fostered a highly functional and efficient workspace. Additionally, the lab was aesthetically pleasing and was completed within budget constraints.



[Read the Full RCM Case Study](#)

Kraftwerks has designed, collaborated on, and installed many different types of laboratories for a variety of clients. We are fastidious about the details, from the workstations and service carriers right down to the sealed seams of the walls.

We also recognize that no single solution fits all, which is why we have mastered how to integrate a variety of products from different vendors into our applications. We look for the best solution for the needs of your organization.

Our relationships with proven vendors are strong and include Rousseau, BOSTONtec, LabDesign/Fenco Solutions, BioFit, Eagle, and Metro (among others).

To learn about a few more Kraftwerks laboratories, read our case studies below.

[Steuben Foods R&D Lab](#)

[UB RENEW Educational Lab](#)

[Pine Pharmaceuticals Lab](#)

[SUNY Fredonia Bat Research Lab](#)

Resource Videos and Links



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