

Partners in Process Development

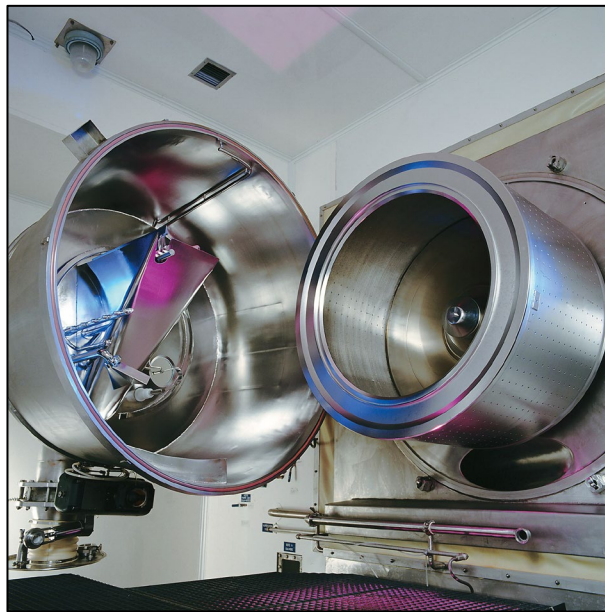


improve purity and yield of active
pharmaceutical ingredients with
centrifugal filtration & extraction
systems

**Contact our application
engineers for project
development support inquiries at
413.499.4818 or email us at
sales@rr-centrifuge.com!**

CLIENT CHALLENGE

- Unanticipated Impurities. The process of scaling up from a lab or pilot plant to an industrial scale can produce new impurities or increase the quantity of existing impurities.
- Multi-product Processing. The robustness of a suite's ability to accommodate multiple products having varying characteristics while consistently producing high-quality, on-spec materials must address and eliminate uncertainties between critical process parameters and the desired quality attributes of the API.



**Model EHBL Peeler Centrifuge
installed in a clean suite**

ROUSSELET-ROBATEL SOLUTION

Above all else, the purity and quality of the API is critical to the efficacy of the therapeutic compound and the safety of the patient under treatment. Within this highly regulated environment, Rousselet-Robatel applies modern process analytical and intensification technologies and suite specific control and automation strategies to deliver flexible, efficient, and cost-effective unit operations that can be scaled up or scaled down to meet capacity demands and quality specifications. The integration of these application techniques can substantially reduce equipment size, decrease energy usage, and drive dramatic efficiencies in manufacturing and processing outcomes.

PAYOFF

- Robust. Equipment accommodates variations in feed stream flows while maintaining consistent output stream characteristics.
- Adaptable. Modular, skid-mounted systems or dedicated installations integrate seamlessly into existing or new facilities.
- Proven. Demonstrated over a long history, the equipment is fabricated according to cGMP & GAMP regulations and international (CE, ISO, uL) standards and directives.

Rousselet-Robatel provides comprehensive application engineering, mechanical design and system build out, and field service support to ensure optimum equipment performance and process compliance.



**ROUSSELET
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ROUSSELET CENTRIFUGATION GROUP