

virus to vaccine

Ultracentrifuge biopharmaceutical purification starts at R&D scale with the Promatix 1000™. Rapid method development and linear scale-up uses the Pilot PKII and cGMP production uses the Industry standard KII Ultracentrifuge.

Promatix 1000™ **Research and Development**

The Promatix 1000™ is a process ready ultracentrifuge, fully automated for; product loading, separation and collection. Intuitive operation and ease of use ensure rapid development of biopharmaceutical processes, ideal for process optimization and scale-down studies.

- Process ready and available in 12 weeks
- Process volumes 500 mL to 10 L
- Compact and quiet for lab installations



PKII Ultracentrifuge **Pilot Scale-up**

The Pilot PKII retains all the cGMP features of the KII Ultracentrifuge and features scale rotor design to allow process development studies and production scale using one rotor system. This technology platform enables efficient scale-up and is unique to the Alfa Wassermann ultracentrifuges.

- Max speed 40 500 rpm, 121 200 xg
- Scale rotor volumes: 400 mL to 1600 mL
- Drive technology options: air vs electric



KII Ultracentrifuge **Production Scale**

The KII system quality design performs in cGMP compliant FDA approved processes. The robustness and efficiency created over 40 years by Alfa Wassermann makes the KII the industry standard continuous flow ultracentrifuge in the manufacture of viral vaccines, particulate proteins and nanostructures.

- Full range of rotor configurations
- Up to 200 l production capacity per batch
- Lifetime support package

