

High-performance centrifuge, 6/14

June 2014—Avanti JXN-26 centrifuges from Beckman Coulter have an intuitive interface and advanced data management features, including the ability to track and manage centrifuge runs remotely using MobileFuge, a mobile application for Apple iOS or Android devices.



Network functions enable monitoring, diagnostic email, run-log archiving to network locations, and printing to network printers. Users can choose from nine operating languages, and online help is available.

The centrifuge has wide rotor compatibility and capacities to 6 L, speeds to 26,000 rpm, and relative centrifugal force up to 81,700 xg. The rotor library comprises 26 options, including fixed-angle and swinging-bucket models, that accommodate a variety of tubes, microplates, and bottles. Continuous flow rotors are also supported. An automatic detection system prevents the centrifuge from being run at higher-than-rated speeds for installed rotor type.

Environmentally friendly features include an outer paneling that incorporates recycled resin, with each instrument containing as much as 7.5 lbs of recycled PET bottles. A friction reduction system reduces the air in the chamber, which cuts down on rotor friction and thus the amount of work required to accelerate and maintain speed. It also lowers the heat in the chamber, reducing refrigeration system usage.

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