

CENTRIFUGES



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Iris Ultra Centrifuge is an analytical centrifuge to enhanced spinning a rotor at very high speeds, capable of generating acceleration as high as 50,000 rpm. Designed with a wide range of rotors and adaptors as an optional accessories.

Ultra Centrifuge IUC-500

Ultra Centrifuge IUC-500 especially designed to separates macromolecules DNA, RNA, & protein from cell suspension. Equipped with photosensors, spins sample volumes up to 6 x 250 mL with maximum speed 50000 rpm. For safety we introduced electronic door lock function and, imbalance detection, over-speed protection, inching function, short-spin function. Stores up to 99 program groups, 99 use records programming space. The IUC-500 is sealed and can function at high RPM owing to the ability to reduce the heat produced by higher rotation speeds worked under temperature range -10°C to 40°C and accommodates multiple rotors.



- Provide the system speed safety and protection by overcome speed obstacle by introducing over-speed protection
- User can set the RCF, time, rotating speed manually
- User can change the parameters during the running process
- Rotors and adaptors are available as optional accessories
- Suitable for DNA, RNA, & protein separation
- Introduced a photosensor for rotor identification
- New design with vacuum and sealing constructed to minimize air friction at super-speed rotation
- Comes with Self-lock rotor coupling

Accessories



Model	IUC-500
Capacity	6 x 250 mL
Max RCF	254,340xg
Speed Range	50000 rpm
Noise	? 65 dB
Temperature Range	-10? to 40?
Timer	< 100 hr, continuous
Power	5.0 kVA
Dimension	710 x 1,000 x 1,260 mm
Weight	450 kg
Electrical Requirement	220V+ / 60 Hz (110V, 50 Hz optional)
Catalogue No.	1403100502

