

PRP Centrifuge

Features:

- * Microcomputer control, large screen color LCD, full touch screen operation interface, Direct setting: Working procedure, RCF, Speed, Time, Acceleration-deceleration, Rotor model, These functions are displayed on the same screen
- * Brushless AC variable frequency motor drive, Special drive module, Ensure the reliability of the circuit
- * Double door cover lock system, The start is meaning locked, Ensure running safety
- * Provide 20 kinds of working program storage, User can freely program and call their set working parameters, Easy to use and improve work efficiency
- * Provide 15 kinds of acceleration / deceleration, User can set one group of acceleration and deceleration arbitrarily according to the sample requirements
- * It has two timing functions: at set rpm and start timing , Jog is a short spin function
- * Differential centrifugation: five differential centrifugation procedures are reserved, Users can set it according to their needs
- * Double layer steel structure, spray anti-corrosion coating surface of centrifugal chamber, It can effectively avoid the corrosive material erosion
- * Automatic balance and unbalance protection, Audible alarm signal cue when error or imbalance occurs. The centrifuge stops running automatically
- * Easily adjust Speed, RCF, Time and Temperature during the running without stop
- * The shortest Acc / Dec time < 25s
- * Soft has soft braking function, It can effectively prevent sample resuspension and Ensure that the sample centrifugation effect is the best protect sensitive samples , Multistage damping design
- * Countdown function: The countdown in seconds, Real time display of remaining working time
- * The centrifuge can customize 485 communication interface function and operate through remote control (Selective configuration)
- * Sunken exhaust passage, It can prevent aerosol pollution during centrifugation



Technical Parameters:

Model	BKC-PRP6
Max Speed	4500rpm
Max RCF	3894xg
Max Capacity	100ml*8
Speed Accuracy	±10rpm
Time Range	1s~99h59min59s/Jog (short spin)
Samplecleratory Temperature	Run for 20 minutes, the Temperature rise of test solution is <10°C
Noise	60dB
Power Supply	Standard: AC220V 50/60Hz, optional: AC110V 50/60Hz
Power	400W
Net Weight	60Kg
Device Dimensions	580*465*400mm
Packing Size	730*630*640mm
Gross Weight	70kg



100ml*2 rotor



100ml*4 rotor

Rotor Configuration:

Rotor	Capacity	Max Speed(rpm)	Max RCF(*g)
NO.1 Swing Rotor	100ml*2 Cosmetic and orthopedic dedicated PRP tubes	4500	3645
NO.2 Swing Rotor	100ml*4 Cosmetic and orthopedic dedicated PRP tubes	4500	3894
Adapter	Adapter 1: 50ml*4, applies to 50ml injector		
	Adapter 2: 20ml*4, applies to 20ml injector		
	Adapter 3: 10ml*16, applies to 10ml injector		
NO.3 Swing Rotor	100ml*8 Cosmetic and orthopedic dedicated PRP tubes	4500	3894
Adapter	Adapter 1: 50ml*8, applies to 50ml injector		
	Adapter 2: 20ml*8, applies to 20ml injector		

PRP Centrifuge



Introduction:

BKC-TL5BI PRP Centrifuge, special used for beauty factory and fat transplantation, is designed for PRP injection transplantation. In order to fully release the efficacy of PRP, a lot of research has been done on rotor, rotational speed, centrifugal force, and speed up/down time. 10ml, 20ml, 50ml conventional syringes and 8ml PRP tubes are used to improve the effective extraction rate of PRP and shorten the centrifugal time.

Features:

- * It is suitable for all specifications of routine blood collection tubes, disposable syringe 10ml, 20ml, 50ml.
- * Rotor with biosafety cover, made of high-strength aluminum alloy, can be disinfected at high temperature and pressure.
- * All metal structure and multi-layer explosion-proof design, safe running performance to ensure the safety of operators.
- * Embedded microprocessor control, DC brushless motor driving, maintenance-free.
- * The 5-inch LCD touchscreen supports switching between Chinese and English, minor languages can be customized. All parameters are displayed in real time and the operation interface is intuitive and simple.
- * Electromechanical integration door lock, convenient to use, safe and reliable.
- * Integral food-grade silicone sealing ring is used to avoid aerosol overflow and ensure the safety of operators.
- * With self-test, blocking, overspeed, overtemperature and other detection and alarm functions, excellent shock absorber, runs smoothly.
- * Multiple groups of user-defined programs, easy to call common programs, boot for the last program.

Technical Parameters:

Model	BKC-TL5BI
Max. Speed	5000rpm
Max. RCF	3747xg
Max. Volume	4*50ml
Timing Range	1min-99h59min/Continuous/Short-span
Speed Accuracy	±10rpm
Noise	≤65dB
Power Supply	AC220V, 50/60Hz
External Size(L*W*H)	440*580*370mm
Package Size(L*W*H)	536*676*481mm
Net Weight	41kg
Gross Weight	49kg

Rotor:

NO.	Rotors Type	Volume	Max. Speed(rpm)	Max RCF(*g)	Adapters
5M00060	PRP Swing Rotor	4*10ml Conventional Syringe	4300	3401	/
5M00061		4*20ml Conventional Syringe	4300	3649	/
5M00032	Swing Rotor	4*50ml	4500	3747	50ml(▲), 20ml, 15ml, 10ml, 5ml, 1.5ml, 50ml Conventional Syringe
5M00074	Angle Rotor	8*15/20ml	5000	2655	1.5ml
5M00075		24*10ml	5000	3354	1.5ml, 2/3/4ml vacuum blood collection tube
5M00076		18*10ml	5000	3354	
5M00077		12*10ml	5000	3354	