

Table Top Low Speed Centrifuge



Introduction:

BKC-TL4P is a microcomputer controlled table top low speed automatic balance centrifuge, the core construction is made of steel, the surface is sprayed with plastic processing, so the rigidity is good, high strength, and novel shape, beautiful appearance, it has the advantages of low noise, low temperature rise, safety and reliability. The machine adopts DC brushless maintenance-free motor drive, microcomputer control, door cover protection, so that your operation is safer, more convenient, more reliable.

Application:

It can be widely used in the separation of particles of different density at single temperature in scientific research laboratory and production of radioimmunity, biochemistry and so on.

Features:

- * Metal-core construction with a multi-layer burst-proof shield, combining a streamlined profile with lab-grade durability.
- * Brushless motor and multi-stage damping technology ensure ultra-quiet, vibration-free operation.
- * One-piece food-grade silicone seal provides 360° aerosol protection.
- * Intuitive keypad and bright LED display, with 110 preset protocols (10 multi-step + 100 single-step) for one-touch operation.
- * 10 acceleration/deceleration curves, 2 start modes, and programmable lid-opening support diverse experimental workflows.
- * Optimized airflow guidance system eliminates sample overheating risks.
- * Real-time monitoring with alerts for lid lock, imbalance, and over-speed, supported by dual-layer safety protection.
- * Compatible with rotors and adapters for tubes from 0.1 to 100 ml, enabling comprehensive sample processing in a single unit.
- * Optional automatic rotor recognition.

Technical Parameters:

Model	BKC-TL4P
Max. Capacity	4*100ml
Max. Speed	4000rpm
Max. RCF	2250×g
Timing Range	1s~99min59s/Continuous/Short-span
Speed Precision	±10rpm
Noise	≤60dB(A)
Consumption	150W
Power Supply	AC220V, 50/60Hz(Standard); AC110V, 50/60Hz(Optional)
External Size(L*W*H)	340*470*280mm
Net Weight	18kg
Package Size(L*W*H)	456*546*456mm
Gross Weight	22kg

Rotor:

No.	Rotor	Max. Speed(rpm)	Max. RCF(×g)	Capacity
4M0001	Angle Rotor	4000	2058	6*50ml
	Adapter			6*50ml(▲), 6*20ml, 6*15ml, 6*10ml, 6*5ml, 6*1.5/2ml
4M0002	Angle Rotor		2058	4*50ml
	Adapter			4*50ml(▲), 4*20ml, 4*15ml, 4*10ml, 4*5ml, 4*1.5/2ml
4M0003	Angle Rotor		2250	12*20ml
	Adapter			12*15ml,12*10ml,12*5ml, 12*1.5/2ml
4M0004	Angle Rotor		2147	12*15ml
	Adapter			12*1.5/2ml
4M0005	Angle Rotor		1700	8*15ml
	Adapter			8*1.5/2ml
4M0006	Angle Rotor		2147	24*10ml
	Adapter			24*1.5/2ml, 24*2/3/4ml blood collecting tube
4M0007	Angle Rotor		2147	18*10ml
	Adapter			18*1.5/2ml, 18*2/3/4ml blood collecting tube
4M0008	Angle Rotor		2147	12*10ml
	Adapter			12*1.5/2ml, 12*2/3/4ml blood collecting tube
4M0009	Angle Rotor		1127	12*1.5ml/2ml
	Adapter			12*0.5ml, 12*0.2ml
4M0010	Angle Rotor		2058	4*100ml
	Adapter			/
4M0016	Angle Rotor		1681	12*5/7ml
	Adapter			12*2/3/4ml blood collecting tube
4M0017	Angle Rotor		2039	30*5/7ml
	Adapter			30*2/3/4ml blood collecting tube
4M0018	Angle Rotor		1073	2*8*0.2ml pcr
	Adapter			/
4M0021	Angle Rotor		1342	4*8*0.2ml pcr
	Adapter			/

With mark(●) or no mark is round-bottom tube, with mark(▲) is sharp-bottom tube.