

## Immune Blood Centrifuge



### Introduction:

BKC-TL4Ce can be used for lymphocyte washing in HLA examination, erythrocyte washing in freezing test, etc. It is a special centrifuge developed for experiments such as erythrocyte washing and immunological detection.

### Features:

- \* SERO rotor and HLA rotor centrifuge procedures are standardized and can be easily invoked.
- \* With special red blood cells to clean SERO rotors, lymph cells to clean HLA rotors, easy to install.
- \* The rotor sleeve contains a clamp, which is convenient for the test tube to fit tightly with the rotor, and the centrifugal effect is better.
- \* Can store multiple groups of user-defined programs, easy to call common programs, boot for the last program.
- \* Food-grade silicone integral sealing ring to avoid aerosol spill and ensure the safety of staff.
- \* Alarm detection function, real-time detection of door lock and motor status, safe and reliable operation.
- \* Microcomputer control, DC brushless motor drive, large torque, no toner pollution, maintenance-free.
- \* Multi-stage centrifugation/conventional centrifugation mode, can be switched at will; Can be set up 5 stage multi-stage centrifugation, to meet a variety of needs.
- \* There are more than 30 user-defined program groups for separating and cleaning lymphocytes for HLA tests, all in one machine.
- \* Optional automatic rotor recognition.

### Technical Parameters:

Model	BKC-TL4Ce
Max. Speed	4040rpm
Max. RCF	2147×g
Max. Capacity	12*15ml
Speed Precision	±10rpm (±1%)
Timing Range	1s~99min
Noise	≤62dB
Consumption	150W
Power Supply	AC220V, 50/60Hz or 110V, 50/60Hz
External Size (L*W*H)	340*430*278mm
Package Size (L*W*H)	456*546*456mm
Net Weight	20kg
Gross Weight	24kg



Lymphocyte Washing  
Rotor HLA



Erythrocyte Washing  
Rotor SERO



12\*10ml

### Rotor:

Rotors Type	Capacity	Program group	Max. Speed	Max. RCF	Centrifugal time	Use
Lymphocyte Washing Rotor HLA 4M0015	12*(0.2~1.5)ml	E	4040rpm	2000×g	180s	Lymphocyte isolation, culture cell isolation
		F	2860rpm	1000×g	3s	Removal of platelets (thrombin treatment)
		G	2860rpm	1000×g	60s	The cleaning of lymphocytes
Red Blood Cell Washing Rotor SERO	12*7/5ml (φ10~13*65~100mm)	H	2120rpm	500×g	60s	Blood group determination, hemagglutination reaction observation
		I	3000rpm	1000×g	15s	Cross fit test, antiglobulin test
		J	3000rpm	1000×g	60s	Blood cell cleaning, serum and plasma extraction
Angle Rotor 4M0008	12*10ml	/	4000rpm	2147×g	/	1.5ml, 2/3/4mlvacuum blood collection tube

Note: The default is round-bottom tube, with mark (▲) is sharp-bottom tube