

# Blood Centrifuge

## Application:

It is suitable for blood group serology, blood type routine test, micro surgery Gel, erythrocyte washing and immunoassay, etc.

## Technical Parameters:

Model	BKC-TB12
Max. Speed	4000rpm
Max. RCF	2200×g
Consumption	200W
Power Supply	220V, 50Hz
External Size(W*D*H) mm	500*450*280
Package Size(W*D*H) mm	700*600*430
Net/Gross Weight(kg)	35/40



Rotor	Centeifugal Time	RCF(xg)	Applications
Erythrocyte Washing SERO Rotor	60min	500	Blood type determination, hemagglutination reflect observed
	15min	1000	Cross-suitability experiment, engage ball prime experiment
	60min	1000	Blood cell washing, extraction of serum and plasma
Lymphocyte cleaning HLS Rotor	180min	2000	Lymphocyte separation, cultured cell separation
	3min	1000	Removal of platelets (thrombin treatment)
	60min	1000	Lymphocyte cleaning
Blood Type Card Rotor	/	2500	6 and 8 associated column the micro blood type card, 24 cards, centrifuge holds 24 ScanGel cards

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## Application:

Erythrocyte washing centrifuge realizes perfect separation with precise timer to seconds within 3 minutes, mainly used in the separation and washing of lymphocyte and erythrocyte.

## Features:

- \* Microprocessor control;
- \* LED display: speed, RCF, time , conversion of RPM/RCF.
- \* Alarm: lid open, imbalance, over speed, rotor mounting abnormally.
- \* DC Brushless motor, special damping device make the motor run steady, free maintenance;
- \* External cold-rolled steel with powder coating, stainless steel centrifugal chamber and lid.
- \* Special ventilation design can avoid higher temperature to protect samples. Samples temperature only rise 5℃ under 4000rpm for long time running.
- \* It adopts the methods of pulse width modulation (PWM) to realize fast brake with second grade vibration absorber and effectively guarantees the fast stop without suspension.
- \* Function: automatically electronic lid lock, over speed, over temperature and imbalance protection, emergency lid-lock release, inching function, short-spin function, memory flashing function.



## Technical Parameters:

Model	BKC-TB4K
Max. Capacity	12*7ml
Max. Speed	4000rpm
Max. RCF	2200xg
Speed Accuracy	±30rpm
Timing Range	0~99min
Noise	≤58dB
Consumption	0.25KW
Power Supply	AC220V, 50Hz
External Size(W*D*H) mm	330*295*255
Package Size(W*D*H) mm	480*445*455
Net Weight/Gross Weight(kg)	28/36

## Rotor:

No.	Rotor	Speed(rpm)	RCF(xg)	Capacity
No.1	Lymphocyte washing specialized rotor	4000	2200	12*1ml
No.2	Erythrocyte washing specialized rotor	4000	2200	12*7ml