

## **YORLAB® HIGH SPEED REFRIGERATED CENTRIFUGE** **Model No.: YSL / YSPL-740**

### Specifications:

- YSPL-740 use direct drive, no vacuumizing replacing belt and maintenancing vacuum system. It is widely used in molecular biology ,biochemistry and other hi-tech fields for separation and concentration of cytoplasm, virus bacteria and chemical substances.
- Max. Speed is 25000RPM and Max.RCF is 64800xg.
- 7inch HD touch screen control is convenient and visual for operation. The setup and running parameters can be displayed on the screen simultaneously.
- Large capacity data storage,can store few months' run datas, fault records, it is convenient for tracking run Information. Users can edit hundreds of custom running programs, and describe programs in detail.
- Super control system can realize ladder centrifugation,
- booking start, sample ID, curve model.
- Strong safety performance, the user management function can prevent tampering and removing programs accidentally.
- Automatic door lock, users just need click a button to open and close the door cover.
- Manykinds of rotors are available for users.
- The protective functions of rotor identification, imbalance, over temperature and over speed for safe operation.



### Technical Parameters

Model	YSPL-740
Max. Speed	25000 rpm
Max. RCF	64800 x g
Max. Capacity	4 x 1000ml
Speed Accuracy	±20rpm
Time Setting Range	1min to 99h 59min
Temp Setting Range	-20°C to 40°C
Temp Accuracy	± 2°C
Compress Assembling Unit	Non-CFC (R404aA)
Noise Level	<62dB(A)
Power Supply	AC220V±22V 50Hz 30A
Wattage	5Kw
Dimension (W x D x H)	730x930x960mm
Package Dimension(WxDxH)	920x1040x1560mm

## Rotor Options



Max Speed : 25000rpm  
Max RCF : 64000xg  
Capacity : 24 x 1.5 ml  
Adaptor: (0.2 ml)  
(0.5 ml)

No.1



Max Speed : 23000rpm  
Max RCF : 60460xg  
Capacity : 18 x 10 ml  
Adaptor: (1.5 ml)  
(7 ml)

No.2



Max Speed: 21000 rpm  
Max. RCF: 52356xg  
Rotor Capacity: 8 x 50 ml  
Adaptor: (30 ml)  
(20 ml), (10 ml)  
(5 ml), (1.5 ml)  
(25 ml)

No.3 (Titanium alloy)



Max Speed: 21000 rpm  
Max. RCF: 52356xg  
Rotor Capacity: 8 x 50 ml  
Adaptor: (30 ml)  
(20 ml), (10 ml)  
(5 ml), (1.5 ml)  
(25 ml)

No.3



Max Speed: 15000 rpm  
Max. RCF: 33800xg  
Rotor Capacity: 4 x 250 ml  
Adaptor: (9 x 1.5ml)  
(5 x 10 ml), (5 x 15 falcon )  
(50 ml), (100 ml)

No.4



Max Speed: 14000 rpm  
Max. RCF: 30070xg  
Rotor Capacity: 6 x 250 ml  
Adaptor: (9 x 1.5ml)  
(5 x 10 ml) (5 x 15 falcon )  
(50 ml), (100 ml)

No.5



Max Speed: 10000 rpm  
Max. RCF: 17700xg  
Rotor Capacity: 6 x 500 ml  
Adaptor: (250ml)  
(100 ml), (50 ml )  
(7 x 15 ml falcon), (13 x 1.5 ml)  
(10 x 5 ml), (2 x 50 ml falcon )  
(7 x 10 ml)

No.6



Max Speed: 8000 rpm  
Max. RCF: 12040xg  
Rotor Capacity: 4 x 1000 ml  
Adaptor: (4 x 50ml)  
(4 x 50ml) (4 x 50ml) falcon  
(250ml), (500ml)

No.7



Max Speed: 22000 rpm  
Max. RCF: 54706xg  
Rotor Capacity: 30 x 1.5 ml  
Adaptor: (0.2ml)  
(0.5ml)

No.8



Max Speed: 18000 rpm  
Max. RCF: 36220xg  
Rotor Capacity: 12 x 15 ml (Conical)

No.9



Max Speed: 10000 rpm  
Max. RCF: 15680xg  
Rotor Capacity: 6 x 50 ml  
with windshield

No.10



Max Speed: 14000 rpm  
Max. RCF: 30070xg  
Rotor Capacity: 12 x 50 ml (conical)  
Adaptor: (15ml conical)

No.11