

YORLAB® HIGH SPEED REFRIGERATED CENTRIFUGE **Model No.: YSL / YSPL-741**

Specifications:

- 17 kinds of rotors are available for classical YSPL-741, as continuous centrifugal rotor, titanium alloy rotor and aluminium alloy rotor. It is very popular in China market, because it is performance and diversified.
- 4 types of continuous centrifugal rotor exist in 17 rotors.
- Max. Speed is 21000RPM and Max. RCF is 47400xg.
- Microprocessor control, AC brush less motor, without carbon dust pollution, low noise and service life is long.
- Touch panel, LED display, programmable.
- 9 Acc profiles and 10 Dec profiles (NO.0 is free to stop), 3 levels damping, centrifugal effect is best. The protective functions of electronic door interlock, imbalance, over temperature and over speed for safe operation.
- The automatic rotor identification system for avoiding over speed.
- The imported refrigerant is environmental and efficient. Acc and Dec time can be set freely by users, and RCF value will be automatically calculated.
- Meanwhile temperature is controlled by dual ways of cooling and heating so as to reach the best centrifugal effects.



Technical Parameters

Model	YSPL-741
Max. Speed	21000 rpm
Max. RCF	47400 x g
Max. Capacity	4x750ml
Speed Accuracy	±30rpm
Time Setting Range	1min to 23h 59min
Temp Setting Range	-20°C to 40°C
Temp Accuracy	±2°C
Noise Level	<65dB(A)
Power Supply	AC220V ±22V 50Hz 30A
Wattage	5Kw
Dimension (W x D x H)	870x1020x970mm
Package Dim.(WxDxH)	1080x1310x1340mm
Compressor	Non-CFC unit (R404a)



Rotor Options



Max.Speed: 21000rpm
Max.RCF: 47400xg
Rotor Capacity: 16x10ml
Adaptor: (1.5ml)
(7ml)



Max.Speed: 20000rpm
Max.RCF: 43000xg
Rotor Capacity: 6x50ml
Adaptor: (30ml)
(25ml)
(20ml)
(10ml)
(5ml)
(1.5ml)



Max Speed: 20000rpm
Max.RCF: 43000xg
Rotor Capacity: 6x50ml falcon
Adaptor: (15 ml falcon)



Max Speed: 15000 rpm
Max. RCF: 25500xg
Rotor Capacity: 6x70ml



Max Speed: 14000 rpm
Max. RCF: 29440xg
Rotor Capacity: 4x250 ml
Adaptor: (9 x 1.5ml)
(5 x 10 ml) (5 x 15 falcon)
(50 ml) (100 ml)



Max Speed: 12000 rpm
Max. RCF: 21280xg
Rotor Capacity: 10 x 100 ml
Adaptor: (50ml) (falcon)
(15ml)(falcon)
(50 ml)
(3 x 5 ml)
(25 ml)



Max Speed: 12000 rpm
Max. RCF: 22470xg
Rotor Capacity: 6x250 ml
Adaptor: (9x1.5ml)
(5x10ml)
(5x15mlfalcon)
(50ml)
(100ml)



Max Speed: 9000 rpm
Max. RCF: 14400xg
Rotor Capacity: 6x500ml
Adaptor: (250ml)
(100ml) , (50ml)
(7x15mlfalcon) , (13x1.5ml)
(10x5ml) (50ml falcon)
(2x50ml falcon),(7x10ml)



Max Speed: 18000rpm
Max. RCF:37600xg
Rotor Capacity: 8x50ml
Adaptor: (30ml)
(20ml),(10ml)
(5ml),(1.5ml)
(25ml)



Max Speed: 12000rpm
Max. RCF: 22470xg
Rotor Capacity: 12x50ml falcon
Adaptor: (15ml falcon)

Continuous Centrifugal Rotor







No.7
Max Speed: 14000rpm
Max. RCF: 21500xg
Rotor Capacity: 1000ml
Std Flow 200 to 600 ml/min

No.8
Max Speed: 8000rpm
Max. RCF: 9500xg
Rotor Capacity: 3000ml
Std flow 200 to 800 ml/min

No.13
Max Speed: 16000rpm
Max. RCF: 28100xg
Rotor Capacity: 1000ml
Std flow 200 to 800 ml/min

No.14
Max Speed: 10000rpm
Max. RCF: 14800xg
Rotor Capacity: 3000ml
Std flow 200 to 800 ml/min

 <p>No. 6 Max.Speed: 5000rpm Max.RCF:5470xg Cap: 4x750ml</p>	 <p>Round bucket 4 x 450ml</p>	 4 x 500 ml falcon	 4 x 4 x 50 ml
		 4 x 300 ml	 4 x 14 x 15 ml falcon
		 4 x 500 ml	 4 x 19 x 15 ml
		 4 x 2 x 100 ml	 4 x 24 x 7 ml
		 4 x 10 x 20 ml	 4 x 37 x 7 ml
		 4 x 4 x 50 ml falcon	Adaptors can be customized
		 4 x 4 x 50 ml falcon	Adaptors can be customized

 <p>No. 11 Max. Speed: 4000rpm Max.RCF: 30400xg Cap: 4x500ml</p>		4x2x96well	
		4 x 24 x 5 ml	
		4 x 37 x 7 ml	
	 <p>Rectangular bucket</p>	 cap.: 4 x 250 ml	 4 x 10 x 15 ml falcon
		 4 x 4 x 50 ml falcon	 4 x 10 x 15 ml
		 4 x 4 x 50 ml	 4 x 20 x 10 ml
		 4 x 25 x 1.5 ml	 4 x 28 x 5 ml
		 4 x 19 x 5 ml	 4 x 3 x 50 ml
	 <p>Round bucket 4 x 500ml</p>	 4 x 9 x 15 ml	 4 x 300 ml
		 4 x 7 x 20 ml	 4 x 100 ml
		 4 x 7 x 20 ml	 4 x 100 ml