



ESGL-21M

High Speed Refrigerated
floor Centrifuge



LABORATORY



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Description

17 kinds of rotors are available for classical ESG-21M, as continuous centrifugal rotor, titanium alloy rotor and aluminium alloy rotor. It is very popular in the market, because it is performance and diversified.

Features

- 4 types of continuous centrifugal rotor exist in 17 rotors.
- Max. Speed is 21000RPM and Max. RCF is 47400xg.
- Micro processor control, AC brushless 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 overspeed 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 | ESGL-21M |
| Max. Speed | 21000rpm |
| Max. RCF | 47400xg |
| Max. Capacity | 4x750ml |
| Speed Accuracy | ±50rpm |
| Time Setting Range | 1min to 23h:59min |
| Temp Setting Range | -20°C to 40°C |
| Temp Accuracy | ±2°C |
| Compressor | Non-CFC unit (R404a) |
| Noise | ≤65dB(A) |
| Power Supply | AC220V±22V 50Hz 30A |
| Wattage | 5kW |
| Dimension (WxDx H) | 710x820x1200mm |
| Package Dim(WxDxH) | 920x1040x1520mm |
| Net Weight | 310kg |

Rotors

Rotor Options:



Order No.: 800000
Max.Speed: 21000rpm
Max.RCF: 47400xg
Rotor Capacity: 16x10ml
Adaptor: 800006(1.5ml)
800007(7ml)



Order No.: 800100
Max.Speed: 20000rpm
Max.RCF: 43000xg
Rotor Capacity: 6x50ml
Adaptor: 805405(30ml)
805412(25ml)
805406(20ml)
805408(10ml)
805409(5ml)
805410(1.5ml)



Order No.: 800200
Max.Speed: 20000rpm
Max.RCF: 43000xg
Rotor Capacity: 6x50ml falcon
Adaptor: 805905(15ml falcon)



Order No.: 800300
Max.Speed: 15000rpm
Max.RCF: 25500xg
Rotor Capacity: 6x70ml



Order No.: 800400
Max.Speed: 14000rpm
Max.RCF: 29440xg
Rotor Capacity: 4x250ml
Adaptor: 800609(9x1.5ml)
800608(5x10ml)
800607(5x15mlfalcon)
800606(50ml)
800605(100ml)



Order No.: 809600
Max.Speed: 12000rpm
Max.RCF: 21280xg
Rotor Capacity: 10x100ml
Adaptor: 805604(50ml falcon)
805605(15ml falcon)
805606(50ml)
805607(3x5ml)
805608(25ml)



Order No.: 800600
Max.Speed: 12000rpm
Max.RCF: 22470xg
Rotor Capacity: 6x250ml
Adaptor: 800609(9x1.5ml)
800608(5x10ml)
800607(5x15mlfalcon)
800606(50ml)
800605(100ml)



Order No.: 800700
Max.Speed: 9000rpm
Max.RCF: 14400xg
Rotor Capacity: 6x500ml
Adaptor: 800705(250ml)
800706(100ml)
800707(50ml)
800708(7x15mlfalcon)
800709(13x1.5ml)
800710(10x5ml)
800711(50ml falcon)
800712(2x50ml falcon)
800713(7x10ml)



Order No.: 800800
Max.Speed: 18000rpm
Max.RCF: 37600xg
Rotor Capacity: 8x50ml
Adaptor: 805405(30ml)
805406(20ml)
805408(10ml)
805409(5ml)
805410(1.5ml)
805412(25ml)



Order No.: 801800
Max.Speed: 12000rpm
Max.RCF: 22470xg
Rotor Capacity: 12x50ml falcon
Adaptor: 805905(15ml falcon)

Continuous Centrifugal Rotor



Order No.: 890000
Max.Speed: 14000rpm
Max.RCF: 21500xg
Std Flow:200to600ml/min
Rotor Capacity: 1000ml



Order No.: 890100
Max.Speed: 8000rpm
Max.RCF: 9500xg
Std Flow:200to800ml/min
Rotor Capacity: 3000ml



Order No.: 890200Titanium alloy
Max.Speed: 16000rpm
Max.RCF: 28100xg
StdFlow:200to600ml/min
Rotor Capacity: 1000ml



Order No.: 890300Titanium alloy
Max.Speed: 10000rpm
Max.RCF: 14800xg
StdFlow:200to800ml/min
Rotor Capacity: 3000ml

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Rotors

| | | | | |
|---|---|---|--|--|
|  <p style="text-align: center;">No6</p> <p>Order No.: 850000 Max.Speed: 5000rpm Max.RCF: 5470xg Rotor Capacity: 4x750ml</p> |  <p style="text-align: center;">851307</p> |  <p style="text-align: center;">851397 4x500ml falcon</p> |  <p style="text-align: center;">851370 4x4x50ml</p> | |
| | |  <p style="text-align: center;">851398 4x300ml</p> |  <p style="text-align: center;">851340 4x14x15ml falcon</p> | |
| | |  <p style="text-align: center;">851399 4x500ml</p> |  <p style="text-align: center;">851345 4x19x15ml</p> | |
| | <p style="text-align: center;">Round bucket 4x750ml</p> |  <p style="text-align: center;">851355 4x2x100ml</p> |  <p style="text-align: center;">851350 4x24x7ml</p> | |
| | | |  <p style="text-align: center;">851335 4x10x20ml</p> |  <p style="text-align: center;">851360 4x37x7ml</p> |
| | | |  <p style="text-align: center;">851365 4x4x50ml falcon</p> | <p>Adaptors can be manufactured according to customers' request.</p> |
| | | | | |
|  <p style="text-align: center;">No11</p> |  <p style="text-align: center;">Order No.: 851495</p> | <p>Capacity: 4x2x96 well</p> | | |
| |  <p style="text-align: center;">Order No.: 851451</p> | <p>Capacity: 4x24x5ml</p> | | |
| |  <p style="text-align: center;">Order No.: 851452</p> | <p>Capacity: 4x37x7ml</p> | | |
| |  <p style="text-align: center;">Order No.: 851421 Rectangular bucket</p> |  <p style="text-align: center;">851499 4x250ml</p> |  <p style="text-align: center;">851440 4x10x15ml falcon</p> | |
| | |  <p style="text-align: center;">851475 4x4x50ml falcon</p> |  <p style="text-align: center;">851445 4x10x15ml</p> | |
| | |  <p style="text-align: center;">851480 4x4x50ml</p> |  <p style="text-align: center;">851455 4x20x10ml</p> | |
|  <p style="text-align: center;">851460 4x25x1.5ml</p> | |  <p style="text-align: center;">851465 4x28x5ml</p> | | |
|  <p style="text-align: center;">851409 Round bucket 4x500ml</p> |  <p style="text-align: center;">851450 4x19x5ml</p> |  <p style="text-align: center;">851470 4x3x50ml</p> | | |
| |  <p style="text-align: center;">851490 4x9x15ml</p> |  <p style="text-align: center;">851413 4x300ml</p> | | |
| |  <p style="text-align: center;">851485 4x7x20ml</p> |  <p style="text-align: center;">851417 4x100ml</p> | | |