



Centrifuge Series

# Everfuge Bio

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**Beijing Everfuge Biotech Instrument Co., Ltd** (Everfuge Bio for short) is a high-tech enterprise focusing on R&D and manufacturing of laboratory centrifuges.

Everfuge Bio is committed to developing products to meet the needs of scientific research, hospitals, disease control, colleges and universities, enterprises and other fields. The products involve mini centrifuge, low-speed centrifuge, high-speed centrifuge, freezing centrifuge, floor-standing centrifuge, large-capacity centrifuge, etc., and have been widely used in many industries, such as education and scientific research, biological research, medical testing, food safety, criminal investigation and public security.

Everfuge Bio aim for excellent using experience and pursue customer satisfaction . Cooperated with the award-winning team of "German Red Dot", Everfuge Bio products are industrialized aesthetic designed, which have extraordinary performance in terms of operating comfort and safety. With the management team ' s 20 years ' experience of international market development, Everfuge Bio has established wide connections with professional distributors all over the world.

Everfuge Bio has an independent production base over 2000m<sup>2</sup> and a well-equipped machining workshop. The strict assembly procedure and quality inspection process, as well advanced MRP supply chain system ensure high standard manufacturing of products.

By high quality products, fast and efficient after-sales service, strong manufacturing ability, Everfuge Bio is ISO 9001 certified by SGS and win recognitions from customers domestic and overseas .

Everfuge Bio, your laboratory friend, are working hard for a better centrifugation.





### **Corporate Value**

Shared Energetic Innovative Reliable Professional

### **Corporate Tenet**

Striving for customer satisfaction

### **Corporate Vision**

Become a world-class instrument manufacturer

# High-Speed Centrifuge PRO 2415/2415R

**High-Speed Centrifuge PRO2415** is specially designed for molecular biology applications. It is with ultra-quiet design and noise level <60 dB. It is an ideal choice for the centrifugation of DNA/RNA purification kits.



## FEATURES AND ADVANTAGES

- Optionally available 5 different types of rotors.
- Soft brake against resuspension.
- Door lock status display.
- Rotor recognition with speed limit control.
- Lid electronically locked and can be conveniently opened and closed.
- Timed on, timed off and timing.
- Emergency lid opening function for unexpected incidents such as power failure.
- 8 shortcuts for quick access to frequently used programs.
- Automatic lid opening when centrifugation ends, prevent overheating of sample and for easy unloading of sample.
- Rotor service time record and replacement reminder for safety.
- One-touch start button for instantaneous centrifugation.
- Storage up to 50 SOPs, with a quick preview of program parameters.
- Automatic rotor imbalance recognition for safe centrifugation.



## APPLICATION FIELDS

Essential instruments for centrifugal separation in hospitals, research institutes, and universities:

- Clinical medicine
- Biochemistry
- Gene engineering
- Immunology

## TECHNICAL DATA

	PRO 2415 Non-refrigerated model	PRO 2415R Refrigerated model
Voltage	220VAC	220VAC
Frequency	50/60Hz	50/60Hz
Power	500W	750W
Max. current	2.3A	3.4A
Max. capacity	24×1.5/2.0ml, 10×5.0ml	24×1.5/2.0ml, 10×5.0ml
Max.Speed	15060rpm, 50rpm increment	15060rpm, 50rpm increment
Max. RCF	21300xg, 10xg increment	21300xg, 10xg increment
Braking/Acceleration curves	10/10	10/10
Time setting	30s to 99 hours and 59 minutes	30s to 99 hours and 59 minutes
Dimensions (LxWxH)	365×288×260mm	500×288×260mm
Weight	12.6kg	21kg
Noise Level	≤60dB	≤60dB
Temperature range	-	-20-40°C
Item No.	26.740.0001	26.751.0001

## ROTORS

	Model	Max. RCF	Max.Speed	Max. capacity (Place*Volume)	Item No.
	SA-24-2	21300 × g	15060 rpm	24×1.5/2.0 ml	06.740.1001
	SA-24-2-PTFE	21300 × g	15060 rpm	24×1.5/2.0 ml	06.740.1002
	SA-10-5	21300 × g	15060 rpm	10×5.0 ml	06.740.1003
	SA-18-Kit	18565 × g	15060 rpm	18×1.5/2.0 ml	06.740.1004
	S-32-PCR	18134 × g	15060 rpm	4×PCR/32×PCR	06.740.1005

# High-Speed Centrifuge PRO2418/2418R

**High-Speed Centrifuge PRO2418(R)** is compact and suitable for a wide range of centrifugation applications with 16 different optionally rotors. It is compatible with various test tubes, such as microtubes, PCR strip tubes and microplates, 15/50ml conical tubes, as well as blood collection tubes. Offering excellent performance, versatility, and reliability, it is an ideal choice for centrifugation applications in clinical medicine, biochemistry, genetic engineering, immunology and other fields.



## FEATURES AND ADVANTAGES

- Very compact design to fit on every lab bench.
- Optionally available 16 different models of rotors.
- Quick-lock lid for easy loading and unloading samples.
- Rotary knob and touch screen control.
- Instantaneous centrifugation with one-touch start button.
- Soft brake prevents resuspension of sensitive samples.
- Automatic rotor imbalance detection for safe centrifugation.
- Automatic rotor recognition along with speed limit control.
- Recordable rotor spinning times and replacement reminder for safety.
- Up to 50 SOPs can be saved, quick preview of program parameters.
- One-button quick access to latest used 2 programs.
- Door lock status display.
- Optimized airflow to slow down sample heating during operation.
- 8 shortcuts for quick access to frequently used programs.
- Stainless steel rotor chamber, durable and easy cleaning.
- Timed on, timed off and timing.



## APPLICATION FIELDS

- Clinical Chemistry, Hematology, Serology, Cell Culture
- Hospitals, research institutes, universities and other testing centers



## TECHNICAL DATA

	PRO 2418 Non-refrigerated model	PRO 2418R Refrigerated model
Voltage	220VAC	220VAC
Frequency	50/60Hz	50/60Hz
Power	800W	1.1KW
Max. current	3.5A	5.0A
Max. capacity	48×2ml	48×2ml
Max.Speed	16000rpm	18000rpm
Max. RCF	24041xg	30427xg
Braking/Acceleration curves	10/10	10/10
Time setting	30s to 99h59min	30s to 99h59min
Dimensions (LxWxH)	528 × 394 × 370mm	670 × 394 × 370mm
Weight	35kg	53 kg
Noise Level	≤63dB	≤63dB
Temperature range	-	-20-40°C
Item No.	26.741.0001	26.746.0001

## ROTORS

### Swing-bucket rotors

	Number of buckets	Model	Max. RCF	Max.Speed	Max. capacity	Item No.
	2	H-02-MTP	2602 × g	4600 rpm	2×MTP	06.741.2001
	6	HA-24-2	16816 × g	13000 rpm	24×1.5/2.0 ml	06.741.2002
	4	HA-04-150	3283 × g	4500 rpm	4×145 ml	06.741.2003
	4	H-04-100	3283 × g	4500 rpm	8×50 ml	06.741.2004
	4	HA-04-30	3283 × g	4500 rpm	8×10 ml	06.741.2005
	4	H-04-60	3283 × g	4500 rpm	16×13 ml	06.741.2006

## Fixed-angle rotors

	Model	Max. RCF	Max.Speed	Max. capacity (Place*Volume)	Item No.
	S-18-Cryo	8324 × g	8900 rpm	18×2ml	06.741.1001
	SA-24-2-PTFE	24041 × g	16000 rpm	24×1.5/2.0 ml	06.741.1002
		30427 × g	18000 rpm	24×1.5/2.0 ml	
	S-64-PCR	15777 × g	14000 rpm	64×0.2 ml	06.741.1004
	S-06-50	11099 × g	9500 rpm	6×15/50 ml	06.741.1005
	SA-18-5	20289 × g	14200 rpm	18×5.0 ml	06.741.1006
	SA-24-Kit	20581 × g	13600 rpm	24×1.5/2ml	06.741.1007
	SA-30-2	20817 × g	14000 rpm	30×1.5/2.0 ml	06.741.1008
	SA-48-2	16100 × g	12000 rpm	48×1.5/2.0 ml	06.741.1009
	SA-08-50	5049 × g	5600 rpm	8×50ml	06.741.1012
	S-30-15	3056 × g	4500 rpm	30×15ml	06.741.1013



## 4 Swing-bucket rotor | HA-04-150

Max. RCF	3283xg
Max. speed	4500rpm
Max. capacity	4x145ml
Acceleration Time	35s
Angle	0 °
Temperature	+ 4°C
<b>Item No.</b>	06.741.2003



### Centrifuge tube

Volume (ml)	1.5ml	2ml	10ml	15ml	30ml	50ml
Diameter x length (mm)	11x46mm	11x46mm	17x105mm	17x122mm	25.5x102mm	29.5x120mm



### Adaptor

Volume (ml)	40x2ml	40x2ml	8x10ml-15ml	8x10ml-15ml	4x30ml	4x50ml
<b>Item No.</b>	07.741.1101	07.741.1101	07.741.1102	07.741.1102	07.741.1103	07.741.1104

### Centrifuge tube

Volume (ml)	50ml	100ml	145ml
Diameter x length (mm)	29.5x115mm	42x113mm	50x100mm



### Adaptor

Volume (ml)	4x50ml	4x100ml	-
<b>Item No.</b>	07.741.1105	07.741.1106	-

# Low-Speed Centrifuge PRO1406/1406R

**Low-Speed Centrifuge PRO1406** is designed for use in clinical research or cell cultivation. Compact, ultra-quiet, optionally available of 10 kinds of rotors and all kinds of centrifugation tubes, it is an efficient tool for modern medical laboratories.



## FEATURES AND ADVANTAGES

- 10 kinds of rotors available.
- Quick-lock technology for quick and easy lid opening and closing.
- Rotary knob and touch screen to adjust parameters.
- Instantaneous centrifugation by one touch.
- Soft brake to prevent resuspension and protect sensitive samples.
- Optimized airflow to minimize sample heating during operation.
- Optional gas-tight rotor cap for centrifugation of hazardous samples.
- Constant speed timer with countdown after a predetermined speed has been reached to ensure effective centrifugation.
- Automatic rotor imbalance detection for safer centrifugation.
- Automatic rotor recognition along with speed limit control.
- Stainless-steel rotor chamber, durable and easy to clean.
- 50 programs can be stored, support quick preview of program parameters.
- 8 shortcut for quick access to frequently used programs.
- Emergency lid opening function for unexpected experimental situations such as power failure.

## APPLICATION FIELDS

- Clinical medicine
- Biochemistry
- Genetic engineering
- Immunological

## TECHNICAL DATA




	PRO 1406 Non-refrigerated model	PRO 1406R Refrigerated model
Voltage	220VAC	220VAC
Frequency	50/60Hz	50/60Hz
Power	500W	800W
Max. current	2.3A	3.5A
Max. capacity	4×145ml	4×145ml
Max.Speed	6000rpm, 50rpm increment	6000rpm, 50rpm increment
Max. RCF	3380xg, 10xg increment	3380xg, 10xg increment
Time setting	30s to 99h59min	30s to 99h59min
Dimensions (LxWxH)	490 × 394 × 370mm	630 × 394 × 370mm
Weight	35kg	53kg
Noise level	≤55dB	≤55dB
Temperature range	-	-20-40°C
Item No.	26.745.0001	26.747.0001

## ROTORS

### Swing-bucket rotors

	Number of buckets	Model	Max. RCF	Max.Speed	Max. capacity (Place*Volume)	Item No.
	8	H-08-15	3050 × g	4600 rpm	8×15 ml	06.745.2001
	4	H-04-100	3136 × g	4700 rpm	4×100 ml	06.745.2002
	4	H-04-100	3136 × g	4700 rpm	4×100ml	06.745.2003
	4	HA-04-150	3283 × g	4500 rpm	4×145 ml	06.741.2003
	4	H-04-100	3283 × g	4500 rpm	8×50 ml	06.741.2004
	4	HA-04-30	3283 × g	4500 rpm	8×10 ml	06.741.2005
	4	H-04-60	3283 × g	4500 rpm	16×13 ml	06.741.2006




## Fixed-angle rotor




	Model	Max. RCF	Max.Speed	Max. capacity (Place*Volume)	Item No.
	S-30-15	3056 × g	4500 rpm	30×15ml	06.745.1001
	S-24-2	3380 × g	6000 rpm	24×1.5/2.0 ml	06.745.1002
	S-18-Cryo	3077 × g	5500 rpm	18×2 ml	06.745.1003

## 4 Swing-bucket rotor | H-04-100

Max. RCF	3136xg
Max. speed	4700rpm
Max. capacity	4 × 100ml
Acceleration Time	30s
Angle	0 °
Temperature	+ 4°C
<b>Item No.</b>	06.745.2002

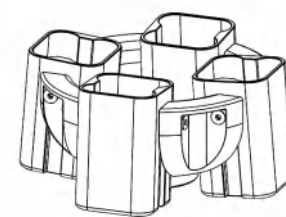







			
<b>Centrifuge tube</b>			
Volume (ml)	10ml	15ml	50ml
Diameter x length (mm)	17x105mm	17x122mm	29,5x120mm


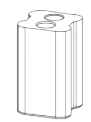
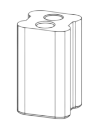

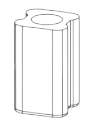
			
<b>Adaptor</b>			
Volume (ml)	8x10ml-15ml	8x10ml-15ml	4x50ml
<b>Item No.</b>	07.745.0301	07.745.0301	07.745.0302

## 4 Swing-bucket rotor | H-04-100

Max. RCF	3136xg
Max. speed	4700rpm
Max. capacity	4 × 100ml
Acceleration Time	35S
Angle	0 °
Temperature	+ 4°C
<b>Item No.</b>	06.745.2003



					
<b>Centrifuge tube</b>					
Volume (ml)	5ml	10ml	15ml	25ml	50ml
Diameter x length (mm)	17x68mm	17x105mm	17x122mm	29,5x120mm	29,5x120mm

					
<b>Adaptor</b>					
Volume (ml)	16x5ml	8x10ml-15ml	8x10ml-15ml	8x25ml	4x50ml
<b>Item No.</b>	07.745.0401	07.745.0402	07.745.0402	07.745.0403	07.745.0404

## 4 Swing-bucket rotor | HA-04-150

Max. RCF	3283xg
Max. speed	4500rpm
Max. capacity	4x145ml
Acceleration Time	35s
Angle	0 °
Temperature	+ 4°C
Item No.	06.741.2003



### Centrifuge tube

Volume (ml)	1.5ml	2ml	10ml	15ml	30ml	50ml
Diameter x length (mm)	11x46mm	11x46mm	17x105mm	17x122mm	25.5x102mm	29.5x120mm



### Adaptor

Volume (ml)	40x2ml	40x2ml	8x10ml-15ml	8x10ml-15ml	4x30ml	4x50ml
Item No.	07.741.1101	07.741.1101	07.741.1102	07.741.1102	07.741.1103	07.741.1104

### Centrifuge tube

Volume (ml)	50ml	100ml	145ml
Diameter x length (mm)	29.5x115mm	42x113mm	50x100mm



### Adaptor

Volume (ml)	4x50ml	4x100ml	-
Item No.	07.741.1105	07.741.1106	-

# High-Capacity & High-Speed Centrifuge PRO2515/2515R

## High-Capacity & High-Speed Centrifuge PRO2515

can suit 14 different rotors and versatile adapters allowing for a wide range of centrifugation applications for medium-throughput molecular biology. It is compatible with various test tubes from 0.2ml to 400ml, such as microtubes, PCR strip tubes and microplates, 15/50ml conical tubes, as well as blood collection tubes.



## FEATURES AND ADVANTAGES

- Adapted to 14 different rotor models.
- Swing bucket rotor for MTP microplates, PCR plates, cell cultivation plates and deep well plates.
- Fixed angle rotor for applications requiring high centrifugal forces.
- Optimized airflow to slow down sample warming during operation.
- Parameters adjustment by rotary knob and touch screen.
- Instantaneous centrifugation with one-touch start.
- Soft brake prevents resuspension of sensitive samples.
- Automatic rotor imbalance detection for safer centrifugation.
- Automatic rotor recognition along with speed limit control.
- Rotor service time record and replacement reminder for safety.
- Storage of 50 routine programs and support quick preview of program parameters.
- 8 program shortcuts for quick access to frequently used programs.
- Emergency lid opening function for unexpected experimental incidents such as power failure.
- Optionally available gas-tight rotor cap for centrifuging hazardous samples.

## APPLICATION FIELDS

- Clinical chemistry, hematology, serology, cell cultivation.
- Hospitals, research institutes, colleges and universities, testing center, etc.



## TECHNICAL DATA





	PRO 2515 Non-refrigerated model	PRO 2515R Refrigerated model
Voltage	220VAC	220VAC
Frequency	50/60Hz	50/60Hz
Power	1000W	1.5KW
Max. current	4.6A	6.8A
Max. capacity	4×400ml/2×5MTP	4×400ml/2×5MTP
Max.Speed	15000rpm, 50rpm increment	15000rpm, 50rpm increment
Max. RCF	23897xg, 10xg increment	23897xg, 10xg increment
Time setting	30s to 99h59min	30s to 99h59min
Dimension (LxWxH)	465 × 580 × 380mm	625 × 580 × 380mm
Weight	55kg	80kg
Noise level	≤62dB	≤62dB
Temperature range	-	-20~40°C
Item No.	26.748.0001	26.749.0001

## ROTORS

### Swing-bucket rotors

	Number of buckets	Model	Max. RCF	Max.Speed	Max. capacity	Item No.
	4	H-04-250	3234 × g	4200 rpm	0.2-250 ml	06.749.2001
	4	H-08-50	4584 × g	5000 rpm	0.2-100 ml	06.749.2002
	2	H-02-DWP	2250 × g	3700 rpm	Deep well plate	06.749.2003
	4	H-04-100	4500 × g	5000 rpm	0.2-100 ml	06.749.2004
	6	H-60-2	16435 × g	14000 rpm	1.5/2.0 ml	06.749.2005
	4	HA-04-400	3848 × g	4500 rpm	4×400 ml	06.749.2006







## Fixed-angle rotors








	Model	Max. RCF	Max.Speed	Max. capacity (Place*Volume)	Item No.
	SA-20-5	20913 × g	13100 rpm	20×5ml	06.749.1001
	S-06-85	15016 × g	11000 rpm	6×85 ml	06.749.1002
	S-06-50	15016 × g	11000 rpm	6×50 ml	06.749.1003
	SA-48-2	20376 × g	13500 rpm	48×1.5/2.0 ml	06.749.1004
	SA-30-2	23897 × g	15000 rpm	30×1.5/2.0 ml	06.749.1005
	S-40-15	4193 × g	5000 rpm	40×15 ml	06.749.1007
	S-64-PCR	15777 × g	14000 rpm	64×0.2ml PCR	06.749.1009
	SA-08-50	6802 × g	6500 rpm	8×50ml	06.749.1010

## 4 Swing-bucket rotor | H-04-250

Max. RCF	3234xg
Max. speed	4200rpm
Max. capacity	0.2ml-250ml
Acceleration Time	30s
Angle	0 °
Temperature	+ 4°C
Item No.	06.749.2001

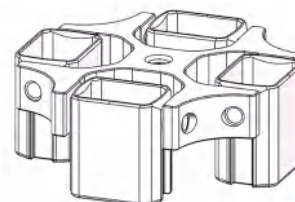








						
<b>Centrifuge tube</b>						
Volume (ml)	1.5ml	2ml	10ml	15ml	50ml	250ml
Diameter x length (mm)	11x46mm	11x46mm	17x105mm	17x122mm	29.5x102mm	62x135mm








						
<b>Adaptor</b>						
Volume (ml)	104x2ml	104x2ml	32x10ml-15ml	32x10ml-15ml	16x50ml	4x250ml
Item No.	07.749.0201	07.749.0201	07.749.0202	07.749.0202	07.749.0203	07.749.0204

## 4 Swing-bucket rotor | H-04-100

Max. RCF	4500xg
Max. speed	5000rpm
Max. capacity	0.2ml-100ml
Acceleration Time	30s
Angle	0 °
Temperature	+ 4°C
Item No.	06.749.2004









						
<b>Centrifuge tube</b>						
Volume (ml)	1.5ml	2ml	10ml	15ml	50ml	100ml
Diameter x length (mm)	11x46mm	11x46mm	17x105mm	17x122mm	29.5x120mm	42x113mm








						
<b>Adaptor</b>						
Volume (ml)	96x2ml	96x2ml	16x10ml-15ml	16x10ml-15ml	4x50ml	4x100ml
Item No.	07.749.0601	07.749.0601	07.749.0602	07.749.0602	07.749.0603	07.749.0604







## 4 Swing-bucket rotor | HA-04-400








Max. RCF	3848xg
Max. speed	4500rpm
Max. capacity	4 × 400ml
Acceleration Time	30s
Angle	0 °
Temperature	+ 4°C
Item No.	06.749.2006




						
<b>Centrifuge tube</b>	1.5ml	2ml	5ml	10ml	15ml	25ml
Volume (ml)	11x46mm	11x46mm	13x53mm	17x105mm	17x122mm	20.5x110mm
Diameter x length (mm)						

						
<b>Adaptor</b>	152x2ml	152x2ml	64x5ml	36x10ml-15ml	36x10ml-15ml	24x25ml
Volume (ml)	07.749.1301	07.749.1301	07.749.1302	07.749.1303	07.749.1303	07.749.1304
Item No.						

						
<b>Centrifuge tube</b>	30ml	50ml	50ml	100ml	200ml	250ml
Volume (ml)	25.5x102mm	29.5x120mm	29.5x115mm	42x113mm	62x125mm	62x135mm
Diameter x length (mm)						

						
<b>Adaptor</b>	20x30ml	16x50ml	16x50ml	4x100ml	4x200ml	4x250ml
Volume (ml)	07.749.1305	07.749.1306	07.749.1307	07.749.1308	07.749.1309	07.749.1310
Item No.						

	
<b>Centrifuge tube</b>	400ml
Volume (ml)	80x125mm
Diameter x length (mm)	

