

Centrifuge

IG-247R



IGENE LABSERVE

Innovative • Interactive • Intuitive

FEATURES & SPECIFICATIONS

DESCRIPTION

IG-247R cooling centrifuge is a device that separates different components of a fluid using centrifugal force. This is accomplished by spinning the fluid at a high speed inside a container, separating fluids of differing densities or liquids from solids. It operates by making denser substances and particles to migrate in a radial direction outward.

FEATURES

- ❖ Brushless frequency motor, in great torque, free maintenance, no powder pollution, quick in speed up and down.
- ❖ Imported compressors fluorine free, double cycle cooling, cold and hot alternating easily, free environment pollution and precise in temperature control.
- ❖ Microprocessor control, LCD display which indicates the temperature, speed, time, RCF in operation, speed raising and reducing quickly, operate simply. Running parameter can be edited.
- ❖ 10 kinds of accelerating and decelerating speed for your choice.
- ❖ 5 Program memories up to 100 nos. It can store all the parameters automatically in operation, and can use directly when start up next time.
- ❖ Automatically electric lid lock, over speed, over temperature protection and imbalance protection.
- ❖ High quality steel centrifuge body, stainless steel chamber, built-in stainless steel explosion-proof protect sleeve, 3 tiers protection, safe and reliable.
- ❖ Rotor is connected to spindle by specialized taper sleeve, loading simple and quick, no direction.
- ❖ Lever 3 damping and get the ideal centrifugation result.



SPECIFICATIONS

Max. Speed	18500rpm
Max. RCF	23990×g
Max. Capacity	4×180ml
Time Range	0~99h59min
RPM/RCF Convert	Yes
Noise (dB)	≤ 55
Temperature	-20°C~+40°C
Acc/Dec	10 Kinds
Speed Accuracy	±20r/min
Temperature Accuracy	±1°C
Dimension (LxWx H mm)	570x600x340mm
Voltage(V/Hz)	AC 220V/110V 50HZ/60HZ
Certificates	CE,ISO & Calibration report are available



MATCHED ROTORS

Order No.	Rotor	Max Speed (rpm)	Max Volume (ml)	Max. RCF (×g)
18A-1	Swing out(Round bucket)	4000	4×180ml	2580
18A-2	Microplate rotor(frame type)	4000	2×3×96 well	2020
18A-3	Microplate rotor(box type)	4000	2×3×96 well	1980
18A-4	Swing out	5000	4×1×50ml	4420
18A-5		5000	4×1×100ml	4420
18A-6		4000	4×2×50ml	2820
18A-7		4000	4×4×15ml	2820
18A-8		4000	4×6×10/7ml	2580
18A-9	Angle	14000	4×8PCR	12070
18A-10	Angle	13000	6×8PCR	16080
18A-11	Angle	14000	8×8PCR	13390
18A-12	Angle	13000	12×8PCR	17220
18A-13	Angle	14000	40×0.5ml	19960
18A-14	Angle	18500	12×1.5ml	23990
18A-15	Angle	15000	24×1.5ml	20600
18A-16	Angle	13500	30×1.5ml	19340
18A-17	Angle	11000	48×1.5ml	12840
18A-18	Angle	15000	16×5ml	19350
18A-19	Angle	14000	6×10ml	16460
18A-20	Angle	13000	12×10ml	17030
18A-21	Angle	11000	16×10ml	13950
18A-22	Angle	11000	8×15ml	12730
18A-23	Angle	9000	12×15ml	9590
18A-24	Angle	5000	24×15ml	3500
18A-25	Angle	5000	30×15ml	3830
18A-26	Angle	12000	6×30ml	14000
18A-27	Angle	12000	6×50ml(conic)	16050
18A-28	Angle	12000	6×50ml(round)	15960
18A-29	Angle	11000	4×85ml	13560
18A-30	Angle	10000	4×100ml	10310
18A-31	Angle	8000	6×100ml	7280
18A-32	Angle	12000	24 capillaries	15800
18A-33	Swing out	15000	4×5ml	19920
18A-34	Vertical	16000	16×5ml	16450
18A-35	Vertical	14000	8×30ml	19750