

High Speed Refrigerated Centrifuge IG-248R Touch



IGENE LABSERVE

Innovative • Interactive • Intuitive

FEATURES & SPECIFICATIONS

FEATURES

- ❖ Refrigerated centrifuge. Widely used for laboratory, chemistry and hospital.
- ❖ Pre-cooling design, 10 kinds of acceleration and deceleration. 100 programs storage capacity.
- ❖ More than 40 rotors for your choice.
- ❖ High speed, low noise, compact design and small vibration.
- ❖ User-friendly touch display provides speed, time and temperature parameters.
- ❖ Brushless frequency motor which in great torque, no powder pollution, free maintenance, quick in speed up and down.
- ❖ Automatically electric lid lock, over speed, over temperature protection, automatic rotor recognition and imbalance protection.
- ❖ Able to start the timer count only when the set centrifugation RPM is reached, to support the short spin protocol.
- ❖ Rotor and rotor lid are made of anodized aluminum for high chemical resistance, autoclavable at 121°C, 20 mins.
- ❖ Lever 3 damping and get the ideal centrifugation result.
- ❖ Automatic shut off function to reduce energy consumption and to extend compressor life when not in use for long hours.
- ❖ In-built condensate drain to prevent water accumulation.

SPECIFICATIONS

Model	IG-248R Touch
Max. Speed	21000rpm
Max. RCF	30910×g
Max. Capacity	4×800ml
Time Range	0~99h59min
RPM/RCF Convert	Yes
Noise (dB)	≤ 58
Temperature	-20°C~+40°C
Acc/Dec	10 Kinds
Speed Accuracy	±20r/min
Temperature Accuracy	±1°C
Voltage(V/Hz)	AC 220V/110V 50HZ/60HZ
Size (W x D x Hmm)	513×370×320mm
Net Weight(Kg)	84KG
Certificates	CE,ISO & Calibration report are available

Matched Rotor for

Order No	Rotor	Max speed (rpm)	Max Volume(ml)	Max RCF (g)
671	Swing Rotor	4000	4×800ml	3450
672	Swing Rotor	4000	4×800ml (Plus)	3450
		4000	4x4x96 well	2930
696	Swing Rotor	4000	4×600ml (Oval Cup) for blood bag	3530
696	Swing Rotor	4000	4×500ml(round)	3530
679	Swing Rotor	4000	4×500ml(square)	3450
592	Swing Rotor	4000	4×300ml(round)	3180
694	Microplate rotor	4000	4×4×96 well	2940
673	Microplate rotor	4000	2 × 4 × 96 well	3210
676	Microplate rotor	4000	2 × 3 × 48 well	2300
690	Swing rotor	4000	4 × 40 × 7ml vacuum tube	3270
		4000	4 × 40 × 5ml vacuum tube	2890
		4000	4 × 18 × 10ml vacuum tube	3130
693	Swing Rotor	4000	Fat bottle	3830
847	Fixed Rotor	16000	4×8PCR	15760
848	Fixed Rotor	15000	6×8PCR	21420
849	Fixed Rotor	16000	8×8PCR	17480
850	Fixed Rotor	15000	12×8PCR	22930
802	Fixed Rotor	15000	40×0.5ml	22920
816	Fixed Rotor	18000	30×0.5ml	26660
801	Fixed Rotor	21000	12×1.5ml	30910
803	Fixed Rotor	17000	24×1.5ml	26420
804	Fixed Rotor	13500	30×1.5ml	19340
844	Fixed Rotor	13000	48×1.5ml	17930
805	Fixed Rotor	16000	16×5ml	22020
817	Fixed Rotor	13000	16×10ml	19490
806	Fixed Rotor	16000	12×7ml	21380
815	Fixed Rotor	16000	6×10ml	21500
808	Fixed Rotor	15000	12×10ml	22680
809	Fixed Rotor	15000	8×20ml	22680
855	Fixed Rotor	13000	8×15ml	17790
807	Fixed Rotor	10000	12×15ml	11840
639	Fixed Rotor	5000	24×15ml	3500
378	Fixed Rotor	5000	30×15ml	3830
810	Fixed Rotor	14000	6×30ml	19060
811	Fixed Rotor	13000	6×50ml(conical)	18840
811	Fixed Rotor	13000	6×50ml(round)	18730
377	Fixed Rotor	5000	4×50ml	4730
812	Fixed Rotor	12000	6×70ml	15570
641	Fixed Rotor	5000	12×50ml	3860
642	Fixed Rotor	4000	24×50ml	2970
853	Fixed Rotor	13000	4×85ml	18940
813	Fixed Rotor	12000	4×100ml	14850
814	Fixed Rotor	12000	6×100ml	16390
643	Fixed Rotor	4000	12×100ml	2970
437	Fixed Rotor	12000	24 capillaries	15800
480	Swing Rotor	15000	4×5ml	19920

435	Vertical rotor	16000	16×5ml	16450
436	Vertical rotor	14000	8×30ml	19750



4x800ml swing rotor
Max speed:4000rpm
Max RCF:3450xg



4x40x5ml swing rotor
Max speed:4000rpm
Max RCF:2890xg



6x50ml angle rotor
Max speed:13000rpm
Max RCF:18840xg



12x15ml angle rotor
Max speed:10000rpm
Max RCF:11840xg



48x1.5/2ml angle rotor
Max speed:13000rpm
Max RCF:17930xg



6x100ml angle rotor
Max speed:12000rpm
Max RCF:16930xg

Adapter for 800ml and 600ml bucket

Cup \ Volume	5ml	7ml	10ml	15ml	50ml
	800ml (Round Cup)	23pcs/cup	23	19	14
600ml (Round Cup)	18pcs/cup	18	14	9	3
600ml (Square Cup)	20pcs/cup	20	16	12	5



**4x800ml/600
Rotor with adapter**



**4x800/600ml swing rotor with
Biosafety lid for option**