

HIGH SPEED NON- REFRIGERATED CENTRIFUGE IG- TG18B



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ABOUT THE COMPANY

iGene Labserve Pvt. Ltd. is gaining recognition by offering resilient, innovative solutions in laboratory instrumentation across healthcare, genomics, drug discovery, biopharma, and food & beverage sectors. We strive to enhance lab efficacy and reduce challenges through advanced technologies and a diverse product portfolio tailored to our customers' needs.

DESCRIPTION

An efficient and compact centrifuge designed for routine laboratory applications. Ideal for quick spin-downs and separations, it offers variable speed control, smooth operation, and compatibility with multiple rotor types. It is built for performance, durability, and ease of use in clinical, research, and educational settings.

FEATURES

- **Versatile Application:** Ideal for laboratories, chemistry, and general research use.
- **Flexible Operation:** Offers 10 acceleration and 10 deceleration settings for optimized performance.
- **Rotor Compatibility:** Compatible with over 10 rotor types to suit various sample requirements.
- **Quiet & Stable:** Low noise, minimal vibration, and compact design ensure smooth operation.
- **Dual Speed Capability:** Supports both high-speed and low-speed rotors in a single unit.
- **User-Friendly Interface:** LED display shows speed, time, and temperature clearly for easy monitoring.
- **Advanced Motor Technology:** Equipped with a brushless frequency motor- delivers strong torque, fast acceleration/deceleration, zero powder pollution, and requires no maintenance.
- **Safety Features:** Built-in imbalance and overspeed sensors; centrifuge body made from high-quality steel for enhanced safety.

TECHNICAL SPECIFICATIONS

MODEL	IG-TG18B
Max. Speed	18500 RPM
Max. RCF	23990 × g
Max. Capacity	4 × 250 ml
Time Range	0 ~ 99 min
RPM/RCF Convert	Yes
Noise	≤ 55 dB
Acc/Dec	10 Kinds
Speed Accuracy	±20 r/min
Voltage(V/Hz)	AC 220V/110V , 50HZ/60Hz
Certificates	CE and ISO Certificates
Size (W x D x H)	400 mm × 570 mm × 320 mm
Net Weight	40 Kg

ROTORS INFORMATION

Order No.	Rotor	Max Speed (rpm)	Max Volume (ml)	Max. RCF (×g)
18B-1	Swing Rotor (Round bucket)	4000	4 x 250 ml	2880
18B-2	Swing Rotor (Square bucket)	4000	4 x 250 ml	2830
18B-3	Swing Rotor	4000	4 x 16 x 7 ml	2860
18B-4	Swing Rotor	4000	4 x 16 x 5 ml	2470
18B-5	Swing Rotor	4000	4 x 13 x 10 ml	2830
18B-9	Microplate Rotor (box type)	4000	2 x 3 x 96 well	2310
18B-10	Microplate Rotor (frame type)	4000	2 x 3 x 96 well	2270
18B-12	Swing out rotor	5000	4 x 1 x 50 ml	4730
18B-13	Swing out rotor	5000	4 x 1 x 100 ml	4730
18B-14	Swing out rotor	4000	4 x 2 x 100 ml	3020
18B-15	Swing out rotor	4000	4 x 2 x 50 ml	3020
18B-16	Swing out rotor	4000	4 x 4 x 15 ml	3020
18B-17	Swing out rotor	4000	4 x 6 x 15 ml	3200
18B-21	Swing out rotor	4000	4 x 4 x 10/7 ml	2770
18B-22	Swing out rotor	4000	4 x 4 x 5 ml adapter	2360
18B-23	Swing out rotor	4000	4 x 6 x 10/7 ml	2770
18B-24	Swing out rotor	4000	4 x 6 x 5 ml adapter	2360
18B-23	Swing out rotor	4000	4 x 8 x 10/7 ml	2770
18B-24	Swing out rotor	4000	4 x 8 x 5 ml adapter	2360
18B-25	Swing out rotor	4000	4 x 12 x 5 ml	2480
18B-26	Swing out rotor	4000	4 x 12 x 7 ml	2760
18B-27	Swing out rotor	4000	4 x 10 x 10 ml	2880
18B-28	Fixed Rotor	14000	4 x 8 PCR plate	12070

Order No.	Rotor	Max Speed (rpm)	Max Volume (ml)	Max. RCF (×g)
18B-29	Fixed Rotor	13000	6 × 8 PCR	16080
18B-30	Fixed Rotor	14000	8 × 8 PCR	13390
18B-31	Fixed Rotor	13000	12 × 8 PCR	17220
18B-32	Fixed Rotor	14000	40 × 0.5 ml	19960
18B-33	Fixed Rotor	18500	12 × 1.5 ml	23990
18B-34	Fixed Rotor	15000	24 × 1.5 ml	20600
18B-35	Fixed Rotor	13500	30 × 1.5 ml	19340
18B-36	Fixed Rotor	11000	48 × 1.5 ml	12840
18B-37	Fixed Rotor	15000	16 × 5 ml	19350
18B-38	Fixed Rotor	14000	6 × 10 ml	16460
18B-39	Fixed Rotor	13000	12 × 10 ml	17030
18B-40	Fixed Rotor	11000	16 × 10 ml	13950
18B-41	Fixed Rotor	11000	8 × 15 ml	12730
18B-42	Fixed Rotor	9000	12 × 15 ml	9590
18B-43	Fixed Rotor	5000	24 × 15 ml	3500
18B-44	Fixed Rotor	5000	30 × 15 ml	3830
18B-45	Fixed Rotor	12000	6 × 30 ml	14000
18B-46	Fixed Rotor	12000	6 × 50 ml (conical)	16050
18B-47	Fixed Rotor	12000	6 × 50 ml (round)	15960
18B-48	Fixed Rotor	5000	12 × 50 ml	3860
18A-50	Fixed Rotor	11000	4 × 85 ml	13560
18A-51	Fixed Rotor	10000	4 × 100 ml	10310
18A-52	Fixed Rotor	8000	6 × 100 ml	7280
18A-54	Fixed Rotor	12000	24 capillaries	15800
18A-55	Swing Rotor	15000	4 × 5 ml	19920
18A-56	Vertical rotor	16000	16 × 5 ml	16450
18A-57	Vertical rotor	14000	8 × 30 ml	19750



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