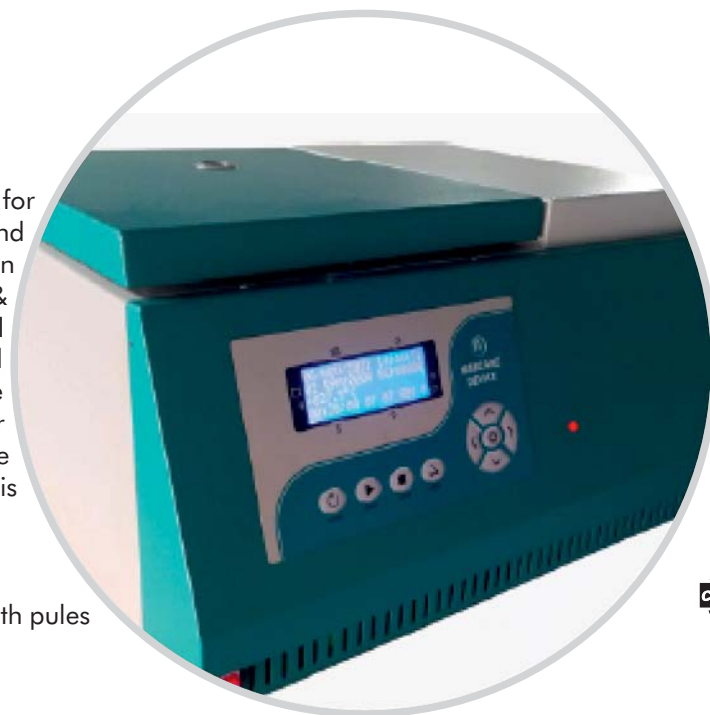


## Refrigerated Centrifuge CGO-CF-40R

(700 ml max)

CGO-CF-40R Refrigerated Centrifuge is designed for centrifugation of temperature sensitive material and find application in routine and Research work in auxiliary laboratories in Industry, Educational & Research institution, Bio Technology, Medical Laboratories, Hospitals, Blood Bank, Pharmaceutical & Clinical research laboratories. This Centrifuge have rust proof, easy to clean stainless steel inner chamber with steel guard. A wide variety of Swing out And Angle Rotors with a choice of reduction Adaptors make this unit truly versatile.



(Image Indicative, Actual may Vary with availability)

### FEATURES

- Max Speed : 20,000 rpm / Max RCF 32,198g, with pulses function.
- RPM or RCF user selectable.
- Brushless induction motor with frequency drive.
- Up to 99 programs can be stored. Detailed run history up to 9 prog.
- Microprocessor control display. Digital timer 1 to 99 min. Calender, Clock and Diagnostics on board.
- Precise speed control and reproducibility with Dynamic Brake.
- Acceleration and Deceleration (Linear and Quadratic) 0-10.
- Imbalance detection system with automatic functioning stop to avoid accidents.
- Automatic rotor detection, check of presence of accessories and compatibility with maximum speed.
- Short Spin function and pre-cool.
- Audiovisual Alarm for process complete, imbalance & process terminate.
- Temperature range from -10°C to +40°C.
- Controlled by microprocessor and backlit colour LCD display with contemporary visualization of all parameters.
- Digital adjustment of acceleration and deceleration levels.
- Display of Real time & Date.
- Viewing window for RPM Calibration Counter balance hinges to prevent immediate LID drop.
- Noise Level < 60 dba (1 metre distance).
- Power 230 VAC / 750 W.8



### SAFETY

- Safety interlock to prevent lid opening during centrifugation.
- Imbalance cutoff with indication.
- Rotor over speed protection.
- Alarm for imbalance, lid open.
- Temper proof memory & last 10 program recall.
- Automatic Rotor identification & indication with rotor library.
- Manual door opening in case of power interruption

### ADDAPTORS

Models	Tube Capacity	No of Tubes per Adaptor	Total No of Tubes
RA-1751	50ml	1	4
RA-1752	25ml	3	12
RA-1753	15ml	5	20
RA-1754	5ml	13	52

## CGO-CF-40R Refrigerated Centrifuge

### Technical Specifications

FEATURES	CGO-CF-40R	
Maximum capacity rotors	6 x 50 ml ( Fixed angle rotor)	4 x 175 ml ( swing out rotor)
Maximum speed	10000	4500
Maximum capacity	300 ml	700
Reduction Adaptors	10ml,5ml.	100ml,50ml,25ml,15ml,10ml,5ml.
Process Controls	Bi-directional encoder	
Menu Driven Programs	99	
Acceleration Profile	1 - 9	
Deceleration Profile	1 – 9	
Max. Speed	20,000 RMP / 32,198 RCF	
Max. Time	0 to 99 HR 59 Min	
Precool function	YES	
Dimension ( W X D X H )	390 x 580 x 390	
Recommended line voltage corrector	2 kva	
Temp Range	-10 Degree C + 40.0 Degree C	
Noise level	60 dB	
Input Power Supply Range	200-240V AC	
Frequency	50 HZ	
Phase	Single Phase	

### Rotors Options

Models	Capacity	Type of Rotor	Type of Container	Speed RPM
SR 175	4 X 175ml	SWING OUT	PLASTIC	4500
SR 175 B	000 X 5ml	SWING OUT	PLASTIC	4500
SR WP96	2 X microtiter	SWING OUT	96 WELL	3500
SR WP96 B	8 X microtiter	SWING OUT	96 WELL	3500
SR 425	4 X 25ml	SWING OUT	GLASS	11000
SR 3215	32 X 15ml	SWING OUT	FALCON	3200
AR 810	8 X 10ML	ANGULAR	PLASTIC	15000
AR 625	6 X 25ml	ANGULAR	PLASTIC	15000
AR 630	6 X 30ml	ANGULAR	PLASTIC	10000
AR 450	4 X 50ml	ANGULAR	PLASTIC / FALCON	12000
AR 650	6 X 50ml	ANGULAR	PLASTIC / FALCON	10000
AR 815	8 X 15ml	ANGULAR	PLASTIC / FALCON	15000
AR PCR	6 Strip of 8 x0.2ml	ANGULAR	PCR STRIP TUBES	11000
AR 1215	12 X 15ml	ANGULAR	FALCON	12000
AR 2400	24 X 1.5ml	ANGULAR	PLASTIC	18000
AR 2415	24 X 15ml	ANGULAR	FALCON	7000



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An ISO 13485:2016  
Certified Company