



SELTIS

LAB CENTRIFUGE



ISO9001
CERTIFIED



BENCHTOP HIGH SPEED REFRIGERATED CENTRIFUGE ST-16R

Engineered to maximize productivity and reliably deliver a wide range of high speed separations. Stainless steel interiors, integrated refrigeration system and advanced temperature controls make it flexible for your evolving applications. Safety features and low noise operation make it an ideal partner for your day to day separations. Used in Cell Separation, Precipitation, Sample Processing, Clinical, Cell Culture, Micro plate Processing, Biochemistry, medical diagnosis.

- Centrifuge is made of high quality rust free 304 stainless steel material.
- Microprocessor Control 7" touch screen LCD display speed, time, RCF, Acceleration/Deceleration, and other operating parameters on the screen along with start/stop switch.
- Centrifuge has motorized lid for opening and closing with lid drop protection mechanism. High Quality maintenance free induction AC motor for better performance.
- Fast pre-cooling takes 5 - 7 minutes from room temperature to 4°C.
- It has safety alarm for imbalance, low/high speed, lid open, overheating etc. CFC Free refrigeration system with LBP compressor.
- Rotor and lid are metallic and autoclavable at 121°C and corrosion free.
- 10 Selective Acceleration and deceleration rates.
- Rotors are easy to install and removable without any use of tool.
- Automatic Electronic lid opening.
- Inbuilt Drain System.
- Self-diagnostic system provides protection for imbalance over speed/voltage and electronic lock fault.
- It can store and recall 100 sets of commonly used programs.
- Automatic rotor recognition.
- Rotor has quick seal Bio containment lid.
- Operating parameters can be modified during operating with touch buttons. Key lock function secured set parameters
 - during the operation.
- Acceleration/declaration rates of 10 seconds.
- ISO,CE,FDA,UL,IEC 60601-1 and 61010-1



SPECIFICATIONS

Model	ST-16R
Maximum Capacity (No of tubes x Vol.)	4x800 ml
Temperature Range	-10°C to +40°C
Temperature Accuracy	±1°C
Maximum Speed	16000 rpm
Speed Accuracy	±20 rpm
Maximum RCF	29530xg
Time Range	0-99 h 59 min 59sec
Overall Dimension	720x715x420 mm
Control	Microprocessor Control
Noise Level	≤60dB(A)
Weight	130 kg
Power Supply	220V 50HZ

OPTIONAL ACCESSORIES

Order No.	Rotor	Max Speed (rpm)	Max Volume (ml)	Max. RCF (×g)
R16 -1	Swing rotor(round cup)	4000	4×800ml	3450
R16 -2	Microplate rotor	4000	4×4/1×96 Well	2940
R16 -3	Swing rotor	4000	4×7×50ml	3460
R16 -4	Swing rotor	5000	4×50ml/100ml	4730
R16 -5	Swing rotor	4000	4×30×7ml vacuum tube	3130
R16 -6		4000	4×30×5ml vacuum tube	2840
		4000	4×18×10ml vacuum tube	3130
		Swing Rotor	4000	Fat bottle
R16 -7	Fixed Rotor	16000	4×8PCR	15760
R16 -8	Fixed Rotor	16000	6×8PCR	24370
R16 -9	Fixed Rotor	16000	8×8PCR	17480
R16 -10	Fixed Rotor	16000	12×8PCR	26090
R16 -11	Fixed Rotor	15000	40×0.5ml	22920
R16 -12	Fixed Rotor	16000	12×1.5ml	17940
R16 -13	Fixed Rotor	16000	24×1.5ml	23440
R16 -14	Fixed Rotor	16000	30×1.5ml	27170
R16 -15	Fixed Rotor	16000	48×1.5ml	27170
R16 -16	Fixed Rotor	16000	16×5ml	22020
R16 -17	Fixed Rotor	16000	6×10ml	21500
R16 -18	Fixed Rotor	16000	12×10ml	25800
R16 -19	Fixed Rotor	15000	16×10ml	26530
R16 -20	Fixed Rotor	15000	8×15ml	23680
R16 -21	Fixed Rotor	13000	12×15ml	20020
R16 -22	Fixed Rotor	5000	24×15ml	3500
R16 -23	Fixed Rotor	5000	30×15ml	3830
R16 -24	Fixed Rotor	16000	6×30ml	24890
R16 -25	Fixed Rotor	14000	12×30ml	20700
R16 -26	Fixed Rotor	15000	6×50ml(conical)	25080
R16 -27	Fixed Rotor	12000	8×50ml(conical)	18200
R16 -28	Fixed Rotor	10000	10×50ml(conical)	13870

R16-29	Fixed Rotor	4000	24 × 50ml	2970
R16-30	Fixed Rotor	15000	6 × 50ml(round)	24940
R16-31	Fixed Rotor	13000	8 × 50ml(round)	20980
R16-32	Fixed Rotor	14000	4 × 85ml	21960
R16-33	Fixed Rotor	15000	6 × 85ml	22469
R16-34	Fixed Rotor	10000	8 × 85ml	13780
R16-35	Fixed Rotor	14000	4 × 100ml	20220
R16-36	Fixed Rotor	13000	6 × 100ml	19230
R16-37	Fixed Rotor	10000	8 × 100ml	13730
R16-38	Fixed Rotor	4000	12 × 100ml	2970
R16-39	Fixed Rotor	8000	4 × 250ml	9090
R16-40	Fixed Rotor	7000	6 × 250ml	8050
R16-41	Fixed Rotor	7000	4 × 300ml	8382
R16-42	Fixed Rotor	6000	6 × 300ml	6600
R16-43	Fixed Rotor	12000	24 capillaries	15800
R16-44	Swing Rotor	15000	4 × 5ml	19920
R16-45	Swing Rotor	12000	4 × 30ml	20090
R16-46	Swing Rotor	10000	4 × 50ml	16240
R16-47	Vertical rotor	16000	16 × 5ml	16450
R16-48	Vertical rotor	14000	8 × 30ml	19750



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BENCHTOP HIGH SPEED REFRIGERATED CENTRIFUGE ST-18R

Engineered to maximize productivity and reliably deliver a wide range of high speed separations. Stainless steel interiors, integrated refrigeration system and advanced temperature controls make it flexible for your evolving applications. Safety features and low noise operation make it an ideal partner for your day to day separations. Used in Cell Separation, Precipitation, Sample Processing, Clinical, Cell Culture, Micro plate Processing, Biochemistry, medical diagnosis.

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- Centrifuge has motorized lid for opening and closing with lid drop protection mechanism. High Quality maintenance free induction AC motor for better performance.
- Fast pre-cooling takes 5 - 7 minutes from room temperature to 4°C.
- It has safety alarm for imbalance, low/high speed, lid open, overheating etc. CFC Free refrigeration system with LBP compressor.
- Rotor and lid are metallic and autoclavable at 121°C and corrosion free.
- 10 Selective Acceleration and deceleration rates.
- Rotors are easy to install and removable without any use of tool.
- Automatic Electronic lid opening.
- Inbuilt Drain System.
- Self-diagnostic system provides protection for imbalance over speed/voltage and electronic lock fault.
- It can store and recall 100 sets of commonly used programs.
- Automatic rotor recognition.
- Rotor has quick seal Bio containment lid.
- Operating parameters can be modified during operating with touch buttons. Key lock function secured set parameters
 - during the operation.
- Acceleration/declaration rates of 10 seconds.
- ISO,CE,FDA,UL,IEC 60601-1 and 61010-1



SPECIFICATIONS

Model	ST-18R
Maximum Capacity (No of tubes x Vol.)	4x300 ml
Temperature Range	-10°C to +40°C
Temperature Accuracy	±1°C
Maximum Speed	18500 rpm
Speed Accuracy	±20 rpm
Maximum RCF	23990xg
Time Range	0-99 h 59 min 59 sec
Overall Dimension	640x665x420 mm
Control	Microprocessor Control
Noise Level	≤55dB(A)
Weight	118 kg
Power Supply	220V 50HZ

OPTIONAL ACCESSORIES

Order No.	Rotor	Max Speed (rpm)	Max Volume (ml)	Max. RCF (×g)
18C-1	Swing rotor	4000	4×300ml(round cup)	3180
18C-2	Swing rotor	4000	4x300ml(square cup)	3150
18C-3	Swing rotor	4000	4×24×7ml (13*100mm)	3150
18C-4		4000	4×24×5ml (13*75mm)	2750
18C-5		4000	4×16/18×10ml (16*100mm)	3150
18C-6	Microplate rotor	4000	2×2/4×96 well	2770
18C-7	Swing rotor	5000	4×1×50ml	4730
18C-8		5000	4×1×100ml	4730
18C-9		4000	4×2×100ml	3020
18C-10		4000	4×2×50ml	3020
18C-11		4000	4×4×15ml	3020
		4000	4×8×15ml	3020
		4000	4×4×15/10ml	2770
18C-12		4000	4×4×7ml vacuum tube adapter	2360
18C-13		4000	4×6×15/10ml	2770
18C-14		4000	4×6×7ml vacuum tube adapter	2360
18C-15		4000	4×8×15/10ml	2770
18C-16		4000	4×8×7ml vacuum tube adapter	2360
18C-17		4000	4×12×7ml vacuum tube	2480
18C-18		4000	4×12×10ml vacuum tube	2760
18C-19		4000	4×10×12ml vacuum tube	2880
18C-20	Fixed Rotor	14000	4×8PCR	12070
18C-21	Fixed Rotor	13000	6×8PCR	16080
18C-22	Fixed Rotor	14000	8×8PCR	13390
18C-23	Fixed Rotor	13000	12×8PCR	17220
18C-24	Fixed Rotor	14000	40×0.5ml	19960
18C-25	Fixed Rotor	18500	12×1.5ml/2ml	23990

