

CONFIGURATIONS

TYPE	MODEL	ROTOR TYPE	MAX RPM	MAX RCF (x g)	CAPACITY (ml x place)	TEMP RANGE
ULTRA SPEED	ULTRA 5.0	ANGLE	50,000	254,345	250 x 6	-20C - 40C
	ULTRA 4.0	ANGLE	40,000	175,302	250 x 6	-20C - 40C
HIGH SPEED	SUPRA 30K	ANGLE	30,000	98,608	1,000 x 4	-20C - 40C
	SUPRA 25K	ANGLE	25,000	68,478	1,000 x 4	-20C - 40C
	SUPRA 22K	ANGLE	22,000	53,029	1,000 x 4	-10C - 40C
	MEGA 17R	ANGLE	17,000	31,341	1,000 x 4	-20C - 40C
MICRO	MICRO 6	ANGLE	6,500	2,234	1.5/2.0 x 6 PCR 0.2 x 16	Air Cooling
	MICRO 12	ANGLE	13,500	12,032	1.5/2.0 x 12 PCR 0.2 x 32	Air Cooling
	PCR FUGE	ANGLE	6,000		PCR 0.2 x 32	Air Cooling
MICRO HIGH-SPEED	SMART 15	ANGLE	15,000	21,055	1.5/2.0 x 24 PCR 0.2 x 32	Air Cooling
	SMART R17	ANGLE	17,000	23,005	1.5/2.0 x 24 PCR 0.2 x 32	-10C - 40C
MULTI PURPOSE	COMBI 408	ANGLE	8,000	8,279	85 x 6	Air Cooling
		SWING	4,000	3,515	750 x 4	Air Cooling
	COMBI 514R	ANGLE	15,000	25,200	250 x 6	-10C - 40C
		SWING	4,500	4,449	750 x 4	-10C - 40C
	UNION 55R	ANGLE	10,000	12,857	85 x 6	-20C - 40C
		SWING	5,500	5,411	15 x 32	Air Cooling
	FLETA 5	SWING	5,500	5,411	15 x 32	Air Cooling
HA 1000-6	SWING	6,000	6,440	15 x 20	Air Cooling	
LARGE CAPACITY	CONTINENT 512R PLUS	ANGLE	12,000	20,929	1000 x 6	-10C - 40C
		SWING	4,500	5,096	750 x 6	-10C - 40C
	UNION 5KR	ANGLE	17,000	31,341	85 x 6	-20C - 40C
GENERAL	MF 50	ANGLE	4,600	2,082	15 x 6	Air Cooling
	MF 80	ANGLE	4,000	2,469	50 x 6	Air Cooling
	MF 300	ANGLE	4,000	2,898	15 x 24	Air Cooling
	HA 12	ANGLE	3,600	1,811	15 x 6	Air Cooling
LIQUID SEPERATOR	HA 400	GELBER (SWING)	1,700	810	100 x 4 (8,12)	Air Cooling
		BABCOCK (SWING)	1,700	810	100 x 4 (8)	Air Cooling
HEMATOCRIT	HA 200	HEMATO ROTOR	11,800	14,800	0.07 x 24	Air Cooling
CYTOLOGICAL	CELLSPIN	CYTO ROTORS	3,000	1,057	0.5 – 6ml x 12 Slide	Air Cooling
	SEROSPIN	SERO 75	3,400	1,021	75mm tube x 12	Air Cooling
CONTINUOUS CENTRIFUGE	J 045		28,000	19,800	100l/h	
	J 1250		15,000	15,800	2,200l/h	
BELLSPIN	BELLSPIN		120 – 8,000	1,792	1,900l/h	4 – 80C



APPLICATIONS		APPLICATIONS			
		Ultra 5.0/4.0	Supra 30K	Supra 25K	Supra 22K
Protein	Ammonium sulfate precipitates Sucrose/Glycerol gradient isolation	•	•	•	•
Lipoproteins	Fractionation by flotation Density gradient fractionation Chylomicron Subcellular fractions				
Chromatin/ Nucleosomes	Sucrose gradient isolation	•			
Microsomes	Pelleting Sucrose gradient isolation Microsomal membrane fractionation	• • •			
Mitochondria	Pelleting Sucrose gradient isolation Nucleic acids	•	•	•	•
Membranes	Pelleting Sucrose/Percoll gradient fractionation Binding studies	• • •	• • •	• • •	• • •
Ribosomes/ Polysomes	Pelleting Size fractionation in sucrose gradients	•			
Cytosol	Clarification				
Lysates/ Homogenates	Clearing debris and large particles Nucleic acids	• •			
DNA	Alcohol precipitation Phenol/CHCl ₃ extraction Plasmid purification in CsCl Size fractionation in sucrose gradients	• • • •	• •	• •	• •
RNA	Phenol/CHCl ₃ extraction Alcohol precipitation Lithium precipitation Pelleting in CsCl CSTFA density gradient	• • • • •	• • • • •	• • • • •	• • • • •
Cells	Isolation of mammalian cells in ficoll Hypaque Pelleting bacterium Pelleting mammalian cells Other density gradient separations	• • • •	• • • •	• • • •	• • • •
Viruses	Pelleting PEG precipitates	• •	• •		



CENTRIFUGES



High Speed	Micro High Speed	Large Capacity	Multi Purpose



- Wide range of models from benchtop to floor type.
- Large LCD display and control panel for easy viewing.
- ISO9001 & 1385 (medical device) and CE certificate accredited.
- Brushless maintenance-free AC Induction drive.
- Safety features amongst others, features imbalance recognition and emergency lid lock release.
- Maximum RCF up to 254,345 x g and highest volume 6 litres.
- Powerful motor ensures short acceleration and deceleration times and customers can make a choice between fixed angle and swing out rotors.

