HLR Large Prime Centrifuge (2/3L) Refrigerated

HLR.(230V 50Hz). 1.HLR.(110V 60Hz). 2.HLR.(230V 60Hz)

Display indicative only

Speed	500-15,000 Rpm (10 Rpm steps)
Rcf Max	22,000 G
Timer	0-99 Mins & Hold (30 sec steps)
Dimensions	HWD 410 x 998 x 630mm
Weight	110 Kg (without rotor)
Power	1200 Watts
Memory	10 programs
Accel rates	10 programs
Decel rates	10 programs
Temp	-9°C to + 40°C PID Controlled to + / - 1°C

HLR with Trolley

Trolley available	
Part number.	XMRFS
Total height	71 cm

Display indicative only

The following pages show available rotors.

Swing Out Rotor - 2 Litre max

BRK3000 Swing out rotor

Shown with B2000 buckets and sealed lids B5319

Rotor / buckets	BRK3020
Tube size max	98 x 160mm
Minimum speed	500Rpm
Maximum speed	4000Rpm
Maximum Rcf(G)	3600
Radius max	20.5cm
Tube angle	0 degree
Acceleration time	45 seconds
Deceleration time	45 seconds
Autoclavable (times)	121C (20)
Minimum Temperature	4C (at 23C ambient)

B2000 bucket (set 4) REQUIRED
500ml max per bucket

Set of 4

Adaptors for Swing out rotors

Capacity	Size	To fit buckets B3000 Part No.	Tubes per rotor
Tube type: **Micro with cap** Shape: **point**			
0.5m	8x20	AM805	120
1.5ml	11x38	AM820	84
2.0ml	11x38	AM820	84
0.2ml	6x20	AM802	168
0.4ml	6x30	AM804	168
Tube type: **Plain no cap** Shape: **round**			
1ml	6x45	AR801	168
3ml	10x60	AR803	96
5ml	12x75	AR805	96
6ml	12x82	AR805	96
7ml	12x100	AR807	96
9/10ml	14x100	AR809	84
15ml	17x100	AR815	48
25ml	24x100	AR825	28
50ml	34x100	AR850	16
100ml	45x100	AR8100	8
150ml	52x100	AR8150	4
250ml	62x100	AR8250	4
Tube type: **Falcon with cap** Shape: **point**			
15ml	17x120	AF815	48
50ml	29x115	AF850	16
175ml	61x118	AF8175	4
15ml	17x120		
Tube type: **Corning with cap*** Shape: **point**			
250ml	60x172	AF8250	4
500ml	98x148	AF8500	4
Tube type: **Falcon with cap** Shape: **square**			
12ml	17x100	AFS812	48
25ml	25x90	AFS825	28
30ml	25x110	AFS830	28
50ml	29x115	AFS850	20
15ml	17x120	AFS850	48
Tube type: **Nalgene/Oakridge** Shape: **round**			
10ml	16x80	ANO810	48
30ml	26x95	ANO830	28
50ml	29x107	ANO850	24
100ml	38x106	ANO885	12
Tube type: **Nalgene/Oakridge*** Shape: **flat**			
250ml	62x130	ANO8250	4
750ml	98x153	See K243/R	
Tube type: **Monovette** Shape: **square**			
1.1-1.4ml	8x82	AM8014	96
2.7-3ml	11x82	AM803	76
2.6-2.9ml	13x81	AM829	76
4.5-5ml	11x108	AM803	76
7.5-8.2ml	13x106	AM879	76
4.5-5ml	15x92	AM850	64
9-10ml	16x108	AM890	64
Tube type: **Vacutainer** Shape: **round**			
1.6-5ml	13x75	AV816	76
4-7ml	13x100	AV850	76
8.5-10ml	16x100	AV880	64

Note: - We can not be held responsible if the tube manufacturers change the design and/or size of the tube.* Limited capacity with sealed bucket lids (B5419 and B5319)

Swing Out Rotor - 3 Litre max

BRK3000 Swing out rotor

Shown with B3000 buckets and sealed lids B5319

Rotor / buckets	BRK3030
Tube size max	98 x 170mm
Minimum speed	500Rpm
Maximum speed	4000Rpm
Maximum Rcf(G)	4000
Radius max	22.5cm
Tube angle	0 degree
Acceleration time	45 seconds
Deceleration time	45 seconds
Autoclavable (times)	121C (20)
Minimum Temperature	4C (at 23C ambient)

B3000 bucket (set 4) REQUIRED
750ml max per bucket

Set of 4

Adaptors for Swing out rotors

	Capacity	Size	To fit buckets B3000 Part No.	Tubes per rotor
	Tube type: **Micro with cap** Shape: **point**			
	0.5m	8x20	AM805	120
	1.5ml	11x38	AM820	84
	2.0ml	11x38	AM820	84
	0.2ml	6x20	AM802	168
	0.4ml	6x30	AM804	168
	Tube type: **Plain no cap** Shape: **round**			
	1ml	6x45	AR801	168
	3ml	10x60	AR803	96
	5ml	12x75	AR805	96
	6ml	12x82	AR805	96
	7ml	12x100	AR807	96
	9/10ml	14x100	AR809	84
	15ml	17x100	AR815	48
	25ml	24x100	AR825	28
	50ml	34x100	AR850	16
	100ml	45x100	AR8100	8
	150ml	52x100	AR8150	4
	250ml	62x100	AR8250	4
	Tube type: **Falcon with cap** Shape: **point**			
	15ml	17x120	AF815	48
	50ml	29x115	AF850	16
	175ml	61x118	AF8175	4
	15ml	17x120		
	Tube type: **Corning with cap*** Shape: **point**			
	250ml	60x172	AF8250	4
	500ml	98x148	AF8500	4
	Tube type: **Falcon with cap** Shape: **square**			
	12ml	17x100	AFS812	48
	25ml	25x90	AFS825	28
	30ml	25x110	AFS830	28
	50ml	29x115	AFS850	20
	15ml	17x120	AFS850	48
	Tube type: **Nalgene/Oakridge** Shape: **round**			
	10ml	16x80	ANO810	48
	30ml	26x95	ANO830	28
	50ml	29x107	ANO850	24
	100ml	38x106	ANO885	12
	Tube type: **Nalgene/Oakridge*** Shape: **flat**			
	250ml	62x130	ANO8250	4
	750ml	98x153	See K243/R	
	Tube type: **Monovette** Shape: **square**			
	1.1-1.4ml	8x82	AM8014	96
	2.7-3ml	11x82	AM803	76
	2.6-2.9ml	13x81	AM829	76
	4.5-5ml	11x108	AM803	76
	7.5-8.2ml	13x106	AM879	76
	4.5-5ml	15x92	AM850	64
	9-10ml	16x108	AM890	64
	Tube type: **Vacutainer** Shape: **round**			
	1.6-5ml	13x75	AV816	76
	4-7ml	13x100	AV850	76
	8.5-10ml	16x100	AV880	64

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The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.