

MSE

Medium Capacity Bench Top Centrifuges

- Simple - Easy operation
- Fast - Up to 18,000rpm
- Powerful - Brushless induction motor
- Flexible - 10 acceleration and brake rates
- Practical - Low height for easy loading
- Safe - Strong lid inter-lock
- Functional - Up to 48 blood tubes per run
- Dependable - Quality British build

The **Harrier 15/80** and refrigerated **Harrier 18/80R** from MSE



Quality Laboratory Equipment

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Harrier 15/80 and 18/80R Technical Data

	Harrier 15/80	Harrier 18/80R
Height (mm)	355	355
Width (mm)	470	670
Depth (mm)	580	580
Weight (kg)	41	65
Maximum speed: swing out rotor	4,500 rpm	6,000 rpm
Maximum RCF: swing out rotor	3,637 g	6,466 g
Maximum speed: angle rotor	15,000 rpm	18,000 rpm
Maximum RCF: angle rotor	20,125 g	28,980 g
Maximum capacity	4 x 200 ml	4 x 200 ml
Number of acceleration/brake rates	10	10
Timer	0-59 mins 59 secs, 0-99hrs 59 minutes and hold	
Speed display	Digital LED \pm 10 rpm	Digital LED \pm 10 rpm
Selectable temperature range	N/A	-9°C to + 40°C
Catalogue number: 220/230V 50Hz	MSB080.CX1.5	MSB020.CR1.K
Catalogue number: 120V 60Hz	MSB080.CX1.1	MSB080.CR1.H

43124-134 Swing Out Rotor with 43551-1215 Buckets

Tube or Sample Type	Adapter Part Number	Maximum Rotor Capacity
2-5ml blood tube	34159-306A	48
5-7ml blood tube	34159-3055	36
10ml flat bottomed tube	34159-3036	16
10-15ml blood tubes	34159-3040	28
15ml flat bottomed tube	34159-308	28
15ml Falcon tube	34159-310	12
50ml Falcon tube	34159-309	4
50ml universal tube	34159-3017	4
100ml universal tube	34159-3021	4
200ml Polypropylene bottle	Bottle p/n 43551-103A	4

46124-134 Swing Out System for 50ml Falcon Tubes (15/80)

Tube or Sample size	Trunnion	Bucket	Adapter	Rotor Capacity	Maximum G-force
50ml Falcon tube	34136-110	43156-603	34142-110	8	3,637

Angle Rotor System

Tube or Sample Type	Angle Rotor	Bucket	Adapter	Rotor Capacity	Maximum G-force
2.0ml	43117-612	-	-	24	28,980
15ml	43117-607	43156-601	cushion	12	5,290
50ml universal	43117-608	46156-602	cushion	6	5,574

Sealed Angle Rotor System

Tube or Sample size	Angle Rotor	Bucket	Adapter	Rotor Capacity	Maximum G-force
50ml Falcon tube	43117-609	43156-603	34142-110	4	4,812

Microplate Rotor System

Sample type	Rotor part number	Carrier part number	Rotor capacity	Maximum G-force
Microplates	43121-117	included	4 normal / 2 deep well	982

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