

Your Partner in Laboratory Centrifuges

MSE



Falcon 6/300 and 6/300R

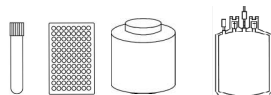
Large capacity benchtop centrifuge



6 000 rpm



6 030 xg



4 x 750 ml



-20°C / +40°C

- Out of balance cut-out, and automatic rotor recognition
- More than 80 years in the centrifuge industry
- Adaptors available to spin tubes, bottles and other containers
- Fully programmable
- Maintenance free
- Custom-made adaptors available on request
- Low height for easy loading
- Smooth and easy clean surface



SWING OUT ROTOR SYSTEMS

Ref. 43125-756 Windshielded rotor 4 x 750 ml

RPM 4 700 - RCF 4 964 (Falcon R only)

Ref. 43551-1414 Set of 4 buckets, sealed polycarbonate lid

Réf. 43125-708 Windshielded rotor 4 x 750 ml

RPM 3 660 - RCF 3 003

Ref. 43551-12354 Set of 4 buckets, sealed polycarbonate lid



ADAPTORS FOR TUBES

Cat. No	Description	Rotor Capacity	Max. RPM	Max. RCF	Max. mm
43155-1324	SET OF 4 Adaptor for 37 x 5 ml blood tube (blue)	148 x 5 ml	4 700	4 655	12
43155-1334	SET OF 4 Adaptor for 28 x 7 ml blood tube (orange)	112 x 7ml	4 700	4 655	13
43155-153	SET OF 4 Adaptor for 12 x 15 ml Falcon tube (maroon)	48 x 15 ml	4 700	4 779	17
43155-1344	SET OF 4 Adaptor for 19 x 15 ml blood tube (green)	76 x 15 ml	4 700	4 779	17
43155-1364	SET OF 4 Adaptor for 7 x 30 ml universal tube (yellow)	28 x 30 ml	4 700	4 655	29
43155-1374	SET OF 4 Adaptor for 5 x 50 ml universal tube (red)	20 x 50 ml	4 700	4 879	32
43155-1524	SET OF 4 Adaptor for 6 x 50 ml Falcon tube (beige)	24 x 50 ml	4 700	4 879	30.5

ADAPTORS FOR BLOOD BAGS AND BOTTLES

Cat. No	Description	Max Capacity	Max. RPM	Max. RCF	Max. mm
43155-150	Adaptor for 200 ml bottle	200 ml			4 x 60 mm
43155-151	Adaptor for 300 ml bottle	300 ml			4 x 70 mm
43155-214	Adaptor/Liner for blood bags (from single to quintuple blood bag)	600 ml	4 700	4 655	98

CUSTOMIZED ADAPTORS

Cat. No	Description	Max Capacity	Max. RPM	Max. RCF	Max. mm
43155-XXXXF	Adaptor customised (to fit tubes or bottles of your specification)	200 ml	N/A	N/A	N/A

SPECIFIC SWING OUT ROTOR SYSTEMS

Ref. 43125-129

Rotor without windshield for MTP, DWP
& 250ml culture bottle
RPM 2500 - RCF 1450



ADAPTORS FOR MTP, DWP & TISSUE CULTURE BOTTLE

Cat. No	Description	Max Capacity	Max. RPM	Max. RCF	Dim.
43551-130	SET OF 4 Sealed cups for 250 ml tissue bottle culture	4 x 250 ml	2500	1450	4 x 60 mm
41159-1900	SET OF 4 hangers for microtiter swing-out rotor	12xMTP - 4x DWP	2500	1329	4 x 70 mm

ANGLE ROTOR SYSTEMS



Rotor Cat.No.	Rotor name	Capacity	RPM	RCF	Max. mm
43114-608	Angle rotor 24 x 15 ml	24 x 15 ml	6 000	6 030	17
43114-609	Angle rotor 16 x 50 ml	16 x 50 ml	6 000	5 920	29
43117-610	Angle rotor 8 x 50 ml	8 x 50 ml	6 000	5 635	29

ADAPTORS FOR ANGLE ROTORS

Reference	Adaptors for angular rotor by type or capacity of tube	Diameter	Compatible ROTORS		
			43114-609	43117-610	43117-605
34144-716	SET OF 16 x Adaptor for 15 ml blood tube	17.5	X		
34142-1108	SET OF 8 x Adaptor for 50 ml conical tube	29		X	
43155-1396	SET OF 6 Adaptor for 5 x 5 ml blood tube (blue)	12			X
34153-302	SET OF 6 Rubber adaptor for 5 x 7 ml tube	13			X
43155-1566	SET OF 6 Adaptor for 4 x 7 ml blood tube (Orange)	13			X
43155-1386	SET OF 6 Adaptor for 2 x 10 ml flat bottom tube (grey)	16.5			X
43155-1556	SET OF 6 Adaptor for 1 x 15 ml Flacon tube (Maroon)	16.5			X
43155-1476	SET OF 6 Adaptor for 1 x 30 ml universal tube (Yellow)	30			X
43155-1456	SET OF 6 Adaptor for 1 x 50 ml universal tube (red)	30			X
43155-1546	SET OF 6 Adaptor for 1 x 50 ml Falcon tube (beige)	29.5			X
34144-3087	SET OF 6 x Rubber adaptors for round bottom 50 ml tube	29			X
34151-302	SET OF 6 x Rubber adaptor for 2 x 15 ml tube	17			X
34142-1056	pad for round-bottom 100 ml tube	42			X

FURNITURE ON CASTORS

Ref. 43223-510A

Trolley for Falcon & Falcon R



Reliable benchtop centrifuges designed to deliver consistent results in demanding laboratory environments. Highly versatile with a wide range of rotors and adapters they cover all capacities of tubes and centrifugation vessels available on the market. Our benchtop centrifuge range offer high centrifugation parameters as well as high precision.

HAWK & HAWK R

- Programming up to 99h, 99mn and 99s
- 100 programs / 10 deceleration and acceleration rates
- Short cycle and continuous operation mode
- Automatic rotor recognition
- Wide choice of angular, swing out rotors and adapters
- Pre-cooling function to start work at target temperature (Hawk R)



4 x 100 ml

Swing rotor		Angular rotor		Blood tubes	50 ml	15 ml	Hawk R
	4 000		18 000				
	2 504		24 270	x 40	x 10	x 30	-20°C to +40°C

HARRIER & HARRIER R

- Programming up to 99h, 99mn and 99s
- 100 programs / 10 deceleration and acceleration rates
- Short cycle and continuous operation mode
- Delayed start function
- Automatic rotor recognition
- Wide choice of angular, swing out rotors and adapters
- Pre-cooling function to start work at target temperature (Harrier R)



4 x 250 ml

Swing rotor		Angular rotor		Blood tubes	50 ml	15 ml	Harrier R
	5 200		18 000				
	4 724		30 065	x 72	x 16	x 36	-20°C to +40°C

FALCON & FALCON R

- Programming up to 99h, 99mn and 99s
- 49 programs / 10 deceleration and acceleration ramps
- Automatic rotor recognition
- Wide choice of rotors and adapters



4 x 785 ml

Swing out rotor			Angular rotor		Blood tubes	50 ml	15 ml	Falcon R
Falcon	Falcon R							
		3 600		6 000				
		2 958		6 030	300 ml	x 148	x 24	-20°C to +40°C
		4 700					x 48	
		6 385						

- **WARRANTY** : 24 months of warranty
+ extended warranty
- **CUSTOMER ORIENTED** : Immediate assistance to any inquires and claims
- **QUALITY** : Our ISO 9001 & ISO13485 certifications are testament to the quality of our products and our commitment to continually improve them
- **CE marked and EMC tested**



	FALCON	FALCON R
Height (mm)	433 mm	
Weight (mm)	826 mm	
Depth (mm)	600 mm	
Weight (kg)	121 kg	146 kg
Maximum capacity	3000 ml	
Maximum speed : swing out rotor	3600 rpm	4700 rpm
Maximum RCF : swing out rotor	2958 xg	4879 xg
Maximum speed : angle rotor	6000 rpm	
Maximum RCF : angle rotor	6030 xg	
Timer	1 second to 99 hours 99 minutes 59 seconds, 1s step, or continuous	
Noise output	<57 dB	<60 dB
Number of acceleration rates	10	
Number of brake rates	10	
Number of programs	49	
Display	Digital Green Led	
Motor	Brushless induction drive	
Temperature control range	Air cooled	-20°C to +40°C
Power supply	230V, 10A, single phase, 50/60Hz 110V, 10A, single phase, 50/60Hz	230V, 12A, single phase, 50/60Hz 110V, 12A, single phase, 60Hz
Catalogue number	230V, 50/60Hz MSB300.CX3.5 110V, 50/60Hz MSB300.CX3.1	230V, 50/60Hz MSB300.CR3.K 110V, 60Hz MSB300.CR3.1

All MSE centrifuges comply with the latest European safety and environmental standards. Our centrifuges also comply with the RoHS directive.



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