

Your Partner in Laboratory Centrifuges



Falcon 6/300 and 6/300R

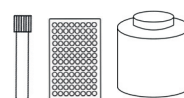
Large capacity benchtop centrifuges



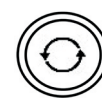
BETATEK INC.
Instrumentation Superbly Supported
L'instrumentation à son meilleur

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3 000 ml
148 tubes
12 micro plates



6 000 rpm



6 030 xg



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FRANCE



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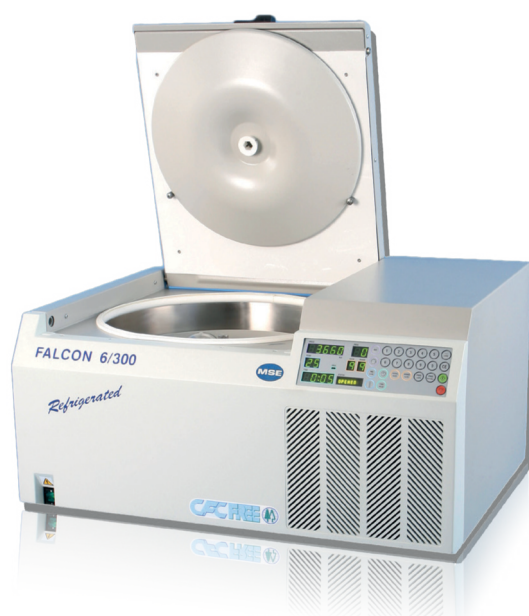
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CENTRIFUGES MADE IN FRANCE
USED BY THE WORLD

FEATURES

- 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

Falcon 6/300-Wind-shielded swing out rotor (43124-7080)
Falcon 6/300R-Wind-shielded swing out rotor (43124-756)



Cat. No.	Adaptor	Rotor Capacity	Max. RPM	Max. RCF	Max. Φ mm
43124-7080		4 x 750 ml	3 600	2 958	95
43124-756			4700	4799	
43155-13224	Round Adaptor for 148 x 5 ml blood tube (blue)				148 x 12 mm
43155-13354	Round Adaptor for 112 x 7 ml blood tube (orange)				112 x 13 mm
43155-134A4	Round Adaptor for 76 x 15 ml blood tube (green)				76 x 17 mm
43155-1354	Round Adaptor for 20 x 50 ml universal tube (red)				20 x 17 mm
43155-13694	Round Adaptor for 28 x 30 ml universal tube (yellow)				28 x 29 mm
43155-1524	Round Adaptor for 24 x 50 ml Falcon tube (biede)				24 x 32 mm
43155-1534	Round Adaptor for 48 x 15 ml Falcon tube (maroon)				48 x 30.5 mm
43155-150	Round Adaptor for 200 ml bottle				4 x 60 mm
43155-151	Round Adaptor for 300 ml bottle				4 x 70 mm
43155-XXXXF	Round Adaptor customised (to fit tubes or bottles of your specification)				N/A
43551-103A4	200 ml polycarbonate bottle				1 x 127 mm
43551-11414	300 ml polycarbonate bottle				1 x 130 mm
43551-124A	750 ml polycarbonate bottle				1 x 152 mm



**Swing out rotor (43124–1298) with micro-titre carriers (41159–1900)
or 250ml sealed buckets for Corning® bottles (43551–130)**

Type of container	Max. length & width (mm)	Max. Capacity	Max. RCF (2500 rpm)
Standard micro plate	128x85.5x14	12 (3 per carrier)	1 329 xg
250ml Corning® bottle	171x159	4	1450 xg

ANGLE ROTOR SYSTEMS

Rotor name	Rotor Cat. No.	Max. Capacity	Max. speed rpm	Max. RCF xg	Max. ϕ mm	Adaptor Cat. No	Adaptor	Dimension No. x ϕ (mm)
Angle rotor 24 x 15 ml	43114-6085	24 x 15 ml	6 000	6 030	17	N/A	N/A	N/A
Angle rotor 16 x 50 ml	43114-609A	16 x 50 ml	6 000	5 635	29	34144-307216	Round Adaptor for 15 ml blood tube	N/A
Angle rotor 8 x 50 ml	43117-610	8 x 50 ml	6 000	5 920	29	34142-1108	Round Adaptor for 50 ml Falcon tube	N/A
Angle rotor 6 x 100 ml	43117-605A	6 x 100 ml	6 000	5 524	41	43155-1496	Round Adaptor for 30 x 5 ml blood tube (blue)	30 x 12 mm
						43155-1566	Round Adaptor for 34 x 7 ml blood tube (orange)	34 x 13 mm
						43155-1486	Round Adaptor for 12 x 10 ml flat bottom tube (grey)	12 x 16.5 mm
						43155-1556	Round Adaptor for 6 x 15 ml Flacon tube (Maroon)	12 x 16.5 mm
						43155-1476	Round Adaptor for 6 x 30 ml universal tube (Yellow)	6 x 30 mm
						43155-1456	Round Adaptor for 6 x 50 ml universal tube (red)	6 x 30 mm
						43155-1546	Round Adaptor for 6 x 50 ml Falcon tube (biege)	6 x 29.5 mm

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



Technical Data

	Falcon 6/300	Falcon 6/300R
Height (mm)	433 mm	433 mm
Width (mm)	826 mm	826 mm
Depth (mm)	600 mm	600 mm
Weight (kg)	121 kg	146 kg
Maximum capacity	3000 ml	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	6000 rpm
Maximum RCF : angle rotor	6030 xg	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	10
Number of brake rates	10	10
Number of programs	49	49
Display	Digital Green Led	Digital Green Led
Motor	Brushless induction drive	Brushless induction drive
Temperature control range	Air cooled	-20°C to +40°C
Power supply	230V, 10A, single phase, 50/60Hz	230V, 12A, single phase, 50/60Hz
	110V, 10A, single phase, 50/60Hz	110V, 12A, single phase, 60Hz
Catalogue number	230V, 50/60Hz MSB300.CX3.5	230V, 50/60Hz MSB300.CR3.K
	110V, 50/60Hz MSB300.CX3.1	110V, 60Hz MSB300.CR3.1

All MSE centrifuges comply with the latest European safety and environmental standards. Our ISO 9001 certification is testament to the quality of our products and our commitment to continually improve them. Our centrifuges are also fully RoHS compliant and our service engineers are SAFE Contractor approved.

