

CENTRIFUGE CENTRIC CF 108 R

High capacity centrifuges

A truly productive high-capacity refrigerated centrifuge. With a 4x750 ml swing-out rotor and an ergonomically designed loading system, it eases scientific research. This powerhouse ensures efficiency and precision, making it a must-have for cutting-edge labs.

TECHNICAL SPECIFICATIONS

Model	Centric CF 108 R
Max. G force	4.530 rcf
Rotational speed	500 to 4.500 rpm, step of 10 rpm
Max. capacity	
Swing-out rotor	4 x 750 ml
Rotors available	1
Acceleration levels	10
Deceleration levels	10 (level 0 without braking)
Display	LCD with backlight
Timer	0min 10s to 99h 59min and Hold
Fast spin with preselected speed	no
Temperature set range	-20°C to +40°C
Fast cooling 22°C to 4°C	15 min
Max. power consumption	1550 W
Noise level(at max. speed)	< 62 dB(A)
Dimension (H x W x D)	323 x 744 x 671 mm
Crating (H x W x D)	425 x 786 x 915 mm
Weight (Net/Crated)	112,0 / 138,0 kg
Height (with open lid)	656 mm
Program settings	10 programs
Lid locking mechanism	motorized
Lid lock	2 latches
Motor type	induction brushless motor
Permitted working ambient	"temperature 2°C to 35°C, rh 75% non-condensing"

ORDER INFORMATION

230 V, 50/60 Hz	Centric CF 108 R
Code	231.000
Order ref.	412022
230 V, 50/60 Hz	Centric CF 108 R
Code	231.000/UK
Order ref.	466516
120 V, 50/60 Hz	Centric CF 108 R 120 V
Code	1.231.000
Order ref.	418839

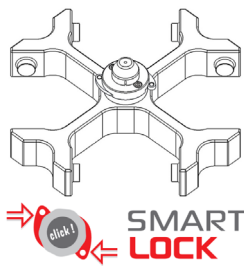


For more information visit Domel website: <https://labs.domel.com> / Technical specifications subject to change.

*The time may vary at different rotors, loads or voltage

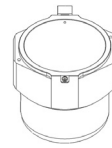
SWING-OUT ROTOR RS 4/750

SMART LOCK - rotor exchange without any tool
Up to 4 x 750 ml centrifuge tubes



Rotor specifications	RS 4/750
Max. speed	4.500 rpm
Max. G force	4.530 rcf
Radius	200 mm
Angle	90°
Max. capacity	4 x 750 ml
Min. acceleration time	38 s
Min. braking time	31 s
Rotor autoclavable	yes

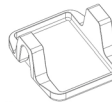
Code	234.000
Order ref.	424161



Buckets (set of 4)	B 750
Code	234.030
Order ref.	424162
Buckets autoclavable	yes

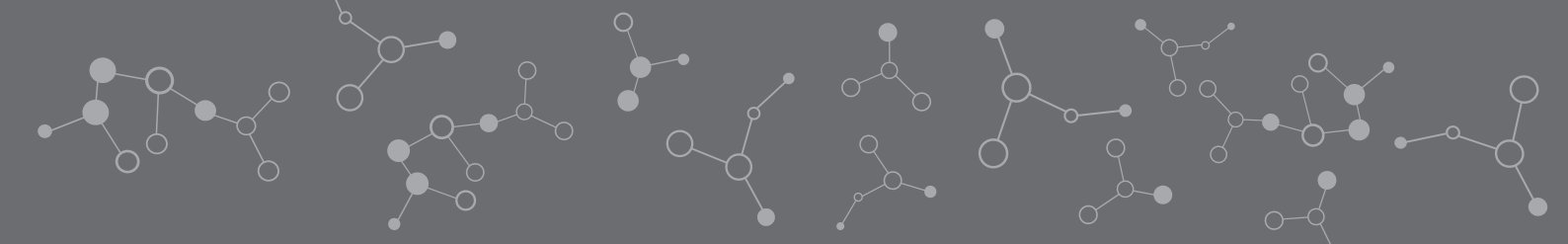


Lids for B 750(set of 4)	BL 750
Code	234.050
Order ref.	409269
Lid autoclavable	no

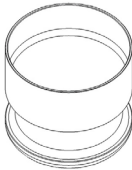


MTP Carriers (set of 4) - for 4 standard or 1 deep well plate	BM 750
Code	233.600
Order ref.	424151
Buckets autoclavable	yes

	Blood collection tubes	Blood collection tubes BD	Blood collection tubes Terumo	Blood collection tubes	Conical tubes	Conical tubes
Nominal volume	1,0 - 5 ml	1,0 - 5 ml	1,0 - 5 ml	7 - 12 ml	15 ml	50 ml
Tube dimensions (d x l)	13 x 75 mm 13 x 100 mm	13 x 75 mm 13 x 100 mm	13 x 75 mm 13 x 100 mm	16 x 100 mm	17 x 120 mm	30 x 115 mm
Inserts (set of 4)	I 750 22/5-7	I 750 27/5-7	I 750 31/5-7	I 750 20/10	I 750 15/15	I 750 7/50
No. of tubes / insert	22	27	31	20	15	7
No. of tubes / rotor	88	108	124	80	60	28
Radius	196 mm	198 mm	196 mm	198 mm	198 mm	168 mm
G Force	4.440 rcf	4.480 rcf	4.440 rcf	4.480 rcf	4.480 rcf	3.800 rcf
Code	234.060	234.080	234.100	234.120	234.140	234.160
Order ref.	424163	424164	424165	424166	424167	424168
Inserts autoclavable	yes	yes	yes	yes	yes	yes



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	Conical tubes Corning	Conical tubes Falcon	Bottle flat bottom	Conical tubes	Bottle flat bottom
					
Nominal volume	250 ml	225 ml	250 ml	500 ml	500 ml
Tube dimensions (d x l)	60 x 161 mm	61 x 137 mm	60 x 128 mm	95 x 147 mm	98 x 114 mm
					
Inserts (set of 4)	I 750 1/250	I 750 1/250	I 750 1/250	I 750 1/500	no insert required
No. of tubes / insert	1	1	1	1	1
No. of tubes / rotor	4	4	4	4	4
Radius	196 mm	199 mm	198 mm	198 mm	200 mm
G Force	4.440 rcf	4.500 rcf	4.480 rcf	4.480 rcf	4.530 rcf
Code	234.200	234.240	234.180	234.220	/
Order ref.	424543	424171	424169	424170	/
Inserts autoclavable	yes	yes	yes	yes	/

CENTRIFUGE CENTRIC CF 108 GR

High capacity centrifuges

The standing high-capacity refrigerated centrifuge with a 4x750 ml swing-out rotor and an ergonomically designed loading system, this towering marvel is revolutionizing scientific research. Its vertical design ensures space-saving efficiency and precision, making it an indispensable asset for cutting-edge labs.

TECHNICAL SPECIFICATIONS

Model	Centric CF 108 GR
Max. G force	4.530 rcf
Rotational speed	500 to 4.500 rpm, step of 10 rpm
Max. capacity	
Swing-out rotor	4 x 750 ml
Rotors available	1
Acceleration levels	10
Deceleration levels	10 (level 0 without braking)
Display	LCD with backlight
Timer	0min 10s to 99h 59min and Hold
Fast spin with preselected speed	no
Temperature set range	-20°C to +40°C
Fast cooling 22°C to 4°C	15 min
Max. power consumption	1550 W
Noise level(at max. speed)	< 62 dB(A)
Dimension (H x W x D)	893 x 536 x 671 mm
Crating (H x W x D)	1118 x 736 x 821 mm
Weight (Net/Crated)	149,0 / 170,5 kg
Height (with open lid)	1438 mm
Program settings	10 programs
Lid locking mechanism	motorized
Lid lock	2 latches
Motor type	induction brushless motor
Permitted working ambient	"temperature 2°C to 35°C, rh 75% non-condensing"

ORDER INFORMATION

230 V, 50/60 Hz	Centric CF 108 GR
Code	231.500
Order ref.	412023
230 V, 50/60 Hz	Centric CF 108 GR
Code	231.500/UK
Order ref.	466517
120 V, 50/60 Hz	Centric CF 108 GR 120 V
Code	1.231.500
Order ref.	428490

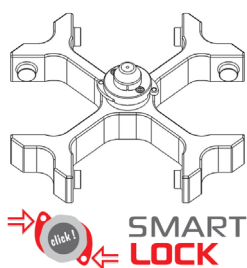


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SWING-OUT ROTOR RS 4/750

SMART LOCK - rotor exchange without any tool
Up to 4 x 750 ml centrifuge tubes



Rotor specifications	RS 4/750
Max. speed	4.500 rpm
Max. G force	4.530 rcf
Radius	200 mm
Angle	90°
Max. capacity	4 x 750 ml
Min. acceleration time	38 s
Min. braking time	31 s
Rotor autoclavable	yes

Code	234.000
Order ref.	424161



Buckets (set of 4)	B 750
Code	234.030
Order ref.	424162
Buckets autoclavable	yes

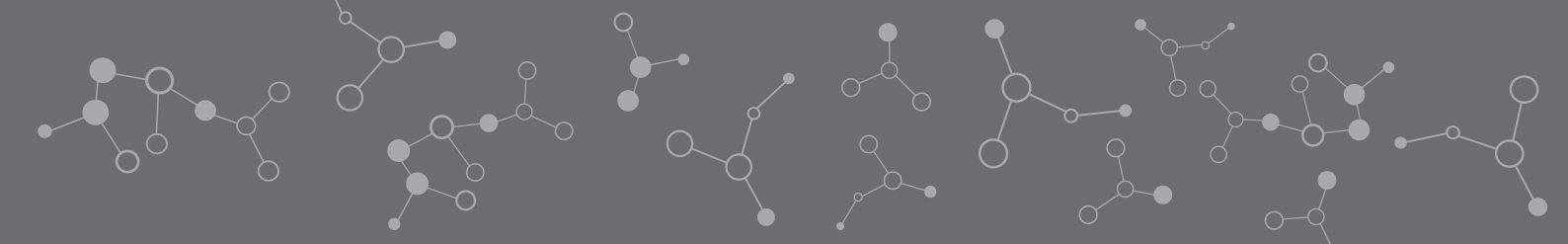


Lids for B 750(set of 4)	BL 750
Code	234.050
Order ref.	409269
Lid autoclavable	no



MTP Carriers (set of 4) - for 6 standard or 2 deep well plates	BM 750
Code	233.600
Order ref.	424151
Buckets autoclavable	yes

	Blood collection tubes	Blood collection tubes BD	Blood collection tubes Terumo	Blood collection tubes	Conical tubes	Conical tubes
Nominal volume	1,0 - 5 ml	1,0 - 5 ml	1,0 - 5 ml	7 - 12 ml	15 ml	50 ml
Tube dimensions (d x l)	13 x 75 mm 13 x 100 mm	13 x 75 mm 13 x 100 mm	13 x 75 mm 13 x 100 mm	16 x 100 mm	17 x 120 mm	30 x 115 mm
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No. of tubes / insert	22	27	31	20	15	7
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Radius	196 mm	198 mm	196 mm	198 mm	198 mm	168 mm
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Code	234.060	234.080	234.100	234.120	234.140	234.160
Order ref.	424163	424164	424165	424166	424167	424168
Inserts autoclavable	yes	yes	yes	yes	yes	yes



DOMEL

	Conical tubes Corning	Conical tubes Falcon	Bottle flat bottom	Conical tubes	Bottle flat bottom
					
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Inserts (set of 4)	I 750 1/250	I 750 1/250	I 750 1/250	I 750 1/500	no insert required
No. of tubes / insert	1	1	1	1	1
No. of tubes / rotor	4	4	4	4	4
Radius	196 mm	199 mm	198 mm	198 mm	200 mm
G Force	4.440 rcf	4.500 rcf	4.480 rcf	4.480 rcf	4.530 rcf
Code	234.200	234.240	234.180	234.220	/
Order ref.	424543	424171	424169	424170	/
Inserts autoclavable	yes	yes	yes	yes	/

EQUIPMENT