CENTRIFUGE CENTRIC 350 IVD

Universal centrifuges

The ideal choice for medical, industrial, and scientific labs. With a user-friendly design and a wide selection of rotors for various applications, it simplifies your work. Upgrade your lab with this versatile and efficient centrifuge.

TECHNICAL SPECIFICATIONS	
Model	Centric 350
Max. G force	21.630 rcf
Rotational speed	200 to 15.000 rpm, step of 10 rpm
Max. capacity	
Angle rotor	6 x 50 ml
Swing-out rotor	4 x 200 ml
Rotors available	13
Acceleration levels	10
Deceleration levels	10 (level 0 without braking)
Display	LED
Timer	10 s to 99 min 50s and continuous, step 10 s
Fast spin with preselected speed	yes
Max. power consumption	500 W
Noise level(at max. speed)	< 61 dB(A)
Dimension (H x W x D)	325 x 405 x 500 mm
Crating (H x W x D)	395 x 505 x 635 mm
Weight (Net/Crated)	29,0 / 33,5 kg
Height (with open lid)	730 mm
Program settings	100 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"

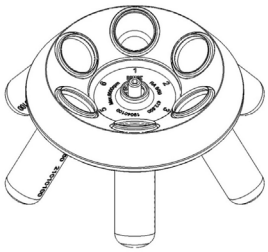
ORDER INFORMATION	
230 V, 50/60 Hz	Centric 350
Code	473.000
Order ref.	316346
230 V, 50/60 Hz	Centric 350
Code	473.000/UK
Order ref.	462547
120 V, 50/60 Hz	Centric 350 120 V
Code	1.473.000
Order ref.	363209
230 V, 50/60 Hz	Centric 350 IVD
Code	473.000/IVD
Order ref.	380838
120 V, 50/60 Hz	Centric 350 IVD 120 V
Code	1.473.000/IVD
Order ref.	445423

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

DOMEL

ANGLE ROTOR RA 6/50

Up to 6 x 50 ml centrifuge tubes
Shields included



Rotor specifications	RA 6/50
Max. speed	4.400 rpm
Max. G force	2.810 rcf
Radius	130 mm
Angle	45°
Max. capacity	6 x 50 ml
Min. acceleration time	20 s
Min. braking time	21 s
Rotor and shields autoclavable	yes
Code	457.450
Order ref.	448914

Spare shields (set of 6)	B 50 SS
Code	472.946
Order ref.	448815

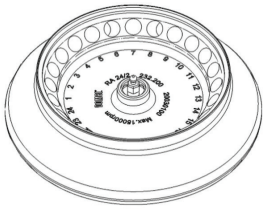
	Conical tubes	Conical tubes
Nominal volume	15 ml	50 ml
Tube dimensions (d x l)	17 x 120 mm	30 x 115 mm
Adapter	A 15	/
No. of tubes / rotor	6	6
No. of adapters / rotor	6	0
Code	464.300	
Order ref.	469092	

EQUIPMENT

DOMEL

ANGLE ROTOR RA 24/2

Up to 24 x 2ml centrifuge microtubes
Lid included



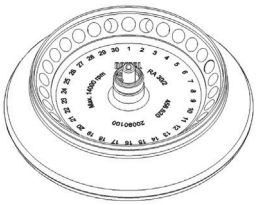
Rotor specifications	RA 24/2
Max. speed	15.000 rpm
Max. G force	21.630 rcf
Radius	86 mm
Angle	45°
Max. capacity	24 x 2,0 ml
Min. acceleration time*	22 s
Min. braking time*	23 s
Rotor and lid autoclavable	yes
Code	456.600
Order ref.	228442

	PCR tubes	PCR tubes	Microtubes
Nominal volume	0,2/0,4 ml	0,5 ml	1,5 - 2,0 ml
Tube dimensions (d x l)	6 x 18 mm	8 x 30 mm	11 x 40 mm
Adapter	A 0,2	A 0,5	/
No. of tubes / rotor	24	24	24
No. of adapters / rotor	24	24	0
Code	456.625	456.626	
Order ref.	284351	284349	

*at acceleration and deceleration level 9

ANGLE ROTOR RA 30/2

Up to 30 x 2 ml centrifuge microtubes
Lid included



Rotor specifications	RA 30/2
Max. speed	13.000 rpm
Max. G force	18.520 rcf
Radius	98 mm
Angle	45°
Max. capacity	30 x 2,0 ml
Min. acceleration time	21 s
Min. braking time	21 s
Rotor and lid autoclavable	yes
Code	456.620
Order ref.	228451

	PCR tubes	PCR tubes	Microtubes
Nominal volume	0,2-0,4 ml	0,5 ml	1,5 - 2,0 ml
Tube dimensions (d x l)	6 x 18 mm	8 x 30 mm	11 x 40 mm
Adapter	A 0,2	A 0,5	/
No. of tubes / rotor	30	30	30
No. of adapters / rotor	30	30	0
Code	456.625	456.626	
Order ref.	284351	284349	

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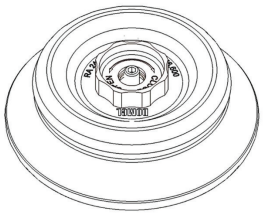
ANGLE ROTOR RA 24/2 AEROSOL

Up to 24 x 2 ml centrifuge microtubes
Aerosol-Tight Lid included

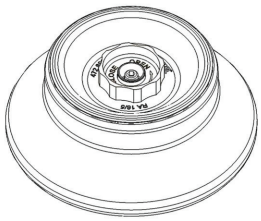


Rotor specifications	RA 24/2 AERO
Max. speed	15.000 rpm
Max. G force	21.630 rcf
Radius	86 mm
Angle	45°
Max. capacity	24 x 2,0 ml
Min. acceleration time	21 s
Min. braking time	21 s
Rotor and lid autoclavable	yes
Code	473.400
Order ref.	375944

	PCR tubes	PCR tubes	Microtubes
Nominal volume	0,2 - 0,4 ml	0,5 ml	1,5 - 2,0 ml
Tube dimensions (d x l)	6 x 18 mm	8 x 30 mm	11 x 40 mm
Adapter	A 0,2	A 0,5	/
No. of tubes / rotor	24	24	24
No. of adapters / rotor	24	24	0
Code	456.625	456.626	
Order ref.	284351	284349	

ANGLE ROTOR RA 16/5

Up to 16 x 5 ml centrifuge microtubes
Aerosol-Tight Lid included



Rotor specifications	RA 16/5
Max. speed	13.000 rpm
Max. G force	18.520 rcf
Radius	98 mm
Angle	45°
Max. capacity	16 x 5,0 ml
Min. acceleration time	22 s
Min. braking time	22 s
Rotor and lid autoclavable	yes
Code	472.890
Order ref.	403055

	Microtubes
Nominal volume	5 ml
Tube dimensions (d x l)	16,5 x 64 mm
Adapter	/
No. of tubes / rotor	16

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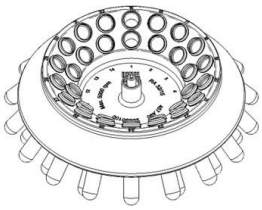
ANGLE ROTOR RA 30/15

Up to 30 x 15 ml centrifuge tubes
With shields included



Rotor specifications	RA 30/15
Max. speed	4.400 rpm
Max. G force	3.310 rcf
Radius	153 mm
Angle	45°
Max. capacity	30 x 15 ml
Min. acceleration time	21 s
Min. braking time	21 s
Rotor and shields autoclavable	yes
Code	457.490
Order ref.	454656

Spare shields (set of 30)	B 15 SS L
for 15 ml conical tubes	
Code	457.475
Order ref.	450213

	Blood collection tubes	Blood collection tubes	Conical tubes
Nominal volume (ml)	7 - 10 ml	10 - 12 ml	15 ml
Tube dimensions (d x l)	13 x 100 mm	16 x 100 mm	17 x 120 mm
Adapter	/	/	/
No. of tubes / rotor	30	30	21
No. of adapters / rotor	0	0	0
Code			
Order ref.			

EQUIPMENT

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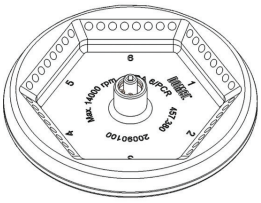
ANGLE ROTOR RA 6/PCR

Up to 6 x PCR strips

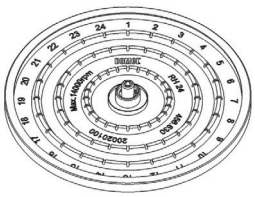


Rotor specifications	RA 6/PCR
Max. speed	13.000 rpm
Max. G force	17.380 rcf
Radius	92 mm
Angle	48°
Max. capacity	6 x PCR strip
Min. acceleration time	22 s
Min. braking time	21 s
Rotor autoclavable	yes
Code	457.380
Order ref.	273335

	8 Well PCR Tube Strip
Nominal volume	0,2 ml
Tube dimensions (d x l)	/
Adapter	/
No. of tubes / rotor	48

ANGLE ROTOR RH 24

Up to 24 x Hematocrit vials
Reading device included



Rotor specifications	RH 24
Max. speed	12.500 rpm
Max. G force	16.100 rcf
Radius	92 mm
Angle	90°
Max. capacity	24 x Hematocrit Capillary tube
Min. acceleration tim	20 s
Min. braking time	21 s
Rotor autoclavable	yes
Code	456.630
Order ref.	246701

	Hematocrit Capillary tubes
Nominal volume	75 µl (0.075 ml)
Tube dimensions (d x l)	1,6 x 75 mm
Adapter	/
No. of tubes / rotor	24

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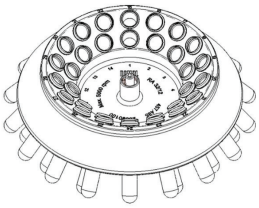
ANGLE ROTOR RA 30/12

Up to 30 x 12 ml blood collection tubes or 21 x 15 ml conical tubes



Rotor specifications	RA 30/12
Max. speed	4.400 rpm
Max. G force	3.030 rcf
Radius	140 mm
Angle	45°
Max. capacity	21 x 15 ml
Min. acceleration time	21 s
Min. braking time	21 s
Rotor and shields autoclavable	yes
Code	457.485
Order ref.	454655

Spare shields	B 15 SS
Code	457.470
Order ref.	450212

	Blood collection tubes	Blood collection tubes	Blood collection tubes	Conical tubes
Nominal volume	5 ml	7 - 10 ml	10 - 12 ml	15 ml
Tube dimensions (d x l)	13 x 75 mm	13 x 100 mm	16 x 100 mm	17 x 120 mm
				/
Adapter	A 5			/
No. of tubes / rotor	30	30	30	15
No. of adapters / rotor	30	0	0	0
Code				
Order ref.				

EQUIPMENT

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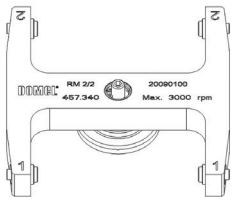
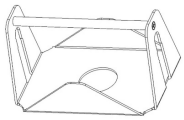
SWING-OUT ROTOR RM 2/3

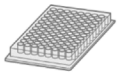
Up to 6 x MTP or 2 deepwell plates
MTP Carriers not included



Rotor specifications	RM 2/3
Max. speed	3.000 rpm
Max. G force	1.330 rcf
Radius	132 mm
Angle	90°
Max. capacity	6 x MTP
Min. acceleration time	20 s
Min. braking time	21 s
Rotor autoclavable	yes
Code	457.340
Order ref.	270848

MTP Carriers (set of 2)	BM 3
Code	464.310
Order ref.	168790
Carriers autoclavable	yes



	Standard MTP	Deep Well Plate
		
Nominal volume	96 x 220 µ	96 x 350 µl
Plate dimensions (d x l x h)	128 x 86 x 15 mm	128 x 86 x 45 mm
No. of MTP / rotor	6	2

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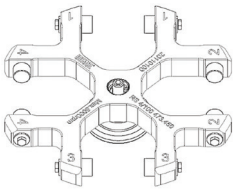
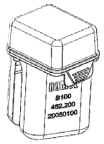
SWING-OUT ROTOR RS 4/100

Up to 4 x 100 ml centrifuge tubes

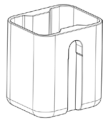


Rotor specifications	RS 4/100
Max. speed	4.400 rpm
Max. G force	3.330 rcf
Radius	154 mm
Angle	90°
Max. capacity	4 x 100 ml
Min. acceleration time	21 s
Min. braking time	22 s
Rotor autoclavable	yes
Code	473.450
Order ref.	450653

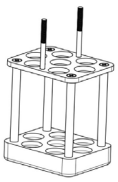
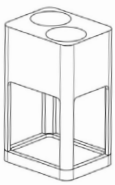
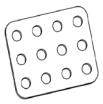
Buckets B 100(set of 4)	B 100
Code	462.200
Order ref.	168721
Buckets autoclavable	yes



Buckets with lids(set of 4)	BL 100
Code	464.200
Order ref.	168781
Lid autoclavable	no



Buckets B 100 XL(set of 4)	B100 XL
Code	473.301
Order ref.	322022
Buckets autoclavable	yes

	PCR tubes	PCR tubes	Microtubes	Open glass tubes	Blood collection tubes	Open glass tubes
Nominal volume	0,2 ml	0,5 ml	1,5 - 2,0 ml	5 ml	5 ml	25 ml
Tube dimensions (d x l)	6 x 18 mm	8 x 30 mm	11 x 38 mm	12 x 75 mm	12 x 75 mm	24 x 100 mm
					13 x 100 mm	
						
Inserts (set of 4)	I 100 12/5	I 100 12/5	I 100 12/5	I 100 12/5	I 100 7/5-7	I 100 2/25
No. of tubes / insert	12	12	12	12	7	2
No. of tubes / rotor	48	48	48	48	28	8
Code	462.203	462.203	462.203	462.203	462.240	462.213
Order ref.	168722	168722	168722	168722	168737	168724
Inserts autoclavable	yes	yes	yes	yes	yes	yes
Adapter / Reducer Plate (set of 4)	A 0,2	A 0,5	A 1,5			
						
Radius	162 mm	162 mm	162 mm	162 mm	163 mm	161 mm
G force	3505 rcf	3505 rcf	3505 rcf	3505 rcf	3527 rcf	3484 rcf
Code	464.203	464.205	464.207			
Order ref.	168782	168783	168784			
Adapters autoclavable	yes	yes	yes			

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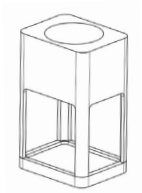
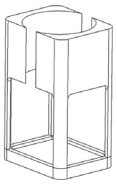
	Conical tubes	Open glass tubes	Open glass tubes	Blood collection tubes	Conical tubes	Blood collection tubes
Nominal volume	50 ml	50 ml	100 ml	10 - 12 ml	15 ml	5 - 7 ml
Tube dimensions (d x l)	30 x 115 mm	36 x 100 mm	44 x 100 mm	16 x 100 mm	17 x 120 mm	13 x 75 mm
						13 x 100 mm
						
Inserts (set of 4)	I 100 1/50	I 100 1/50	I 100 1/100	I 100 6/10 -12	I 100 2/15	I 100 12/5-7 XL(only for bucket B 100XL)
No. of tubes / insert	1	1	1	6	2	12
No. of tubes / rotor	4	4	4	24	8	48
Code	462.218	462.218	462.224	462.208	462.220	
Order ref.	168725	168725	168726	168723	168785	
Inserts autoclavable	yes	yes	yes	yes	yes	
Adapter / Reducer Plate (set of 4)						
Radius	161 mm	161 mm	161 mm	161 mm	163 mm	151 mm
G force	3484 rcf	3484 rcf	3484 rcf	3484 rcf	3527 rcf	3267 rcf
Code	462.222					473.303
Order ref.	168738					322015
Adapters autoclavable	yes					yes

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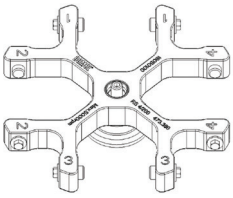
SWING-OUT ROTOR RS 4/200

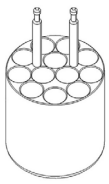
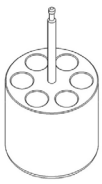
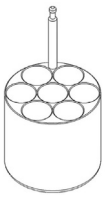
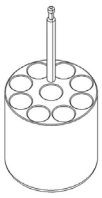
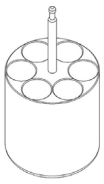
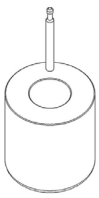
Up to 4 x 200 ml centrifuge tubes

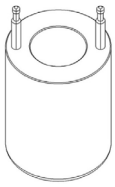
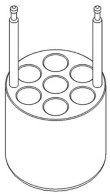


Rotor specifications	RS 4/200
Max. speed	4.400 rpm
Max. G force	3.440 rcf
Radius	159 mm
Angle	90°
Max. capacity	4 x 200 ml
Min. acceleration time	21 s
Min. braking time	22 s
Rotor autoclavable	yes
Code	473.380
Order ref.	383672

Buckets B 200(set of 4)	B 200
Code	233.700
Order ref.	424173
Buckets autoclavable	yes

Lids for B 200(set of 4)	BL 200
Code	233.720
Order ref.	412627
Lid autoclavable	no

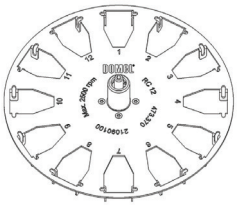
	Open glass tubes	Blood collection tubes	Blood collection tubes BD	Blood collection tubes Terumo	Blood collection tubes	Skirted tubes
Nominal volume	5 ml	5 - 7 ml	5 - 7 ml	5 - 7 ml	10 - 12 ml	30 ml
Tube dimensions (d x l)	13 x 75 mm	13 x 75 mm	13 x 75 mm	13 x 75 mm	16 x 75 mm	24 x 100 mm
		13 x 100 mm	13 x 100 mm	13 x 100 mm	16 x 100 mm	25 x 110mm
						
Inserts (set of 4)	I 200 12/5	I 200 6/5-7	I 200 7/5-7	I 200 9/5-7	I 200 6/10	I 200 1/30
No. of tubes / insert	12	6	7	9	6	1
No. of tubes / rotor	48	24	28	36	24	4
Radius	156,2 mm	157,2 mm	157,2 mm	155,2 mm	156,2 mm	156,2 mm
G force	3380 rcf	3402 rcf	3402 rcf	3358 rcf	3380 rcf	3380 rcf
Code	233.770	233.790	233.810	233.830	233.850	233.890
Order ref.	424176	424177	424178	424179	424180	424182
Inserts autoclavable	yes	yes	yes	yes	yes	yes

	Conical tubes	Blood collection tubes BD	Conical tubes
Nominal volume	50 ml	10 - 12 ml	15 ml
Tube dimensions (d x l)	30 x 115 mm	16 x 100 mm	17 x 120 mm
			
Inserts (set of 4)	I 200 1/50	I 200 7/10	I 200 3/15
No. of tubes / insert	1	7	3
No. of tubes / rotor	4	28	12
Radius	157,2 mm	156,2 mm	159,2 mm
G force	3402 rcf	3380 rcf	3445 rcf
Code	233.750	233.870	233.730
Order ref.	424175	424181	424174
Inserts autoclavable	yes	yes	yes

DOMEL

CYTOLOGY ROTOR RC 12

Up to 12 places for cytology samples



Rotor specifications	RC 12
Max. speed	2.500 rpm
Max. G force	870 rcf
Radius	124 mm
Angle	90°
Max. capacity	12 x 6 ml
Min. acceleration time	19 s
Min. braking time	21 s
Rotor autoclavable	yes

Code	473.370
Order ref.	349771

	Rotoclip JC390	Rotofunnel reusable JC406	Rotofunnel disposable JC320-500	Filter cards JC407	CytoSlides JC311	ECOfunnel reusable JC 313
Nominal volume	/	0,5 ml	0,5 ml	/	/	5 ml
Sedimentation fields	/	1 field, round 6 mm	1 field, round 6 mm			1 field, rectangular, 22 x 15 mm
Positions / rotor	12					
Package (set of)	4(3 sets needed)	12	500	200	100	12
Order ref.	312491	496090	403270	484130	484136	503420

	ECOFilter JC 345	ECOslides JC 314	ECOSeal JC 315
Nominal volume	/	/	
Sedimentation fields	/		
Positions / rotor	12		
Package (set of)	100	100	100
Order ref.	503417	503419	503418