Overview of Swing-Bucket Rotors Centrifuge 58xx Family







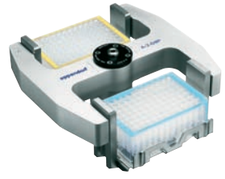
Model	Rotor S-4-104	Rotor A-4-81	Rotor A-4-62
Max. capacity 5804/5804 R	4 × 750 mL	4 × 500 mL	4 × 250 mL
5810/5810 R	■	■	■
Description	Medium capacity swing-bucket rotor for blood, bacteria, cell culture and plate centrifugation	Medium capacity swing-bucket rotor for blood, bacteria, cell culture and plate centrifugation	Economic swing-bucket rotor for blood, bacteria, cell culture and plate centrifugation
Aerosol-tightness tubes/plates	yes/yes	yes/no	yes/no
Max. RCF	3,214 × g	3,220 × g	3,220 × g
Max. speed	3,900 rpm	4,000 rpm	4,000 rpm
Eppendorf Tubes® 5.0 mL and 15 mL conical	56	48	36
25 mL snap cap tubes	24	20	12
25 mL screw cap tubes	28	20	12
50 mL conical tubes	28	20/28[1)]	16
13 mm round-bottom and blood collection tubes	92	100	60
16 mm round-bottom and blood	80	64	48
1.5/2.0 mL micro tube	200	80	64
PCR plates/MTP	16	16	16
Deepwell plates (DWP)	4	4	4

[1)] Maximum capacity with dedicated bucket/adapter.[2)] Maximum capacity with dedicated 50 mL bucket.









Rotor S-4-72	Rotor A-4-44	Rotor A-2-DWP-AT	Rotor A-2-DWP
4 × 250 mL	4 × 100 mL	2 × 4 MTP, 2 × 1 DWP	2 × 4 MTP, 2 × 2 DWP
■	■		■
■	■	■	■
Economic swing-bucket rotor for blood, bacteria, cell culture centrifugation	High-speed swing-bucket rotor for platelet poor plasma, blood, bacteria and cell culture	Aerosol-tight deepwell plate rotor for safe centrifugation of hazardous samples.	Economic deepwell plate rotor
no/–	yes/–	–/yes	–/no
3,234 × g	4,500 × g	3,486 × g	2,250 × g
4,200 rpm	5,000 rpm	4,500 rpm	3,700 rpm
32	16	–	–
16	4	–	–
16	4	–	–
16	4/8[2)]	–	–
56	36	–	–
52	28	–	–
104	48	48	48
–	–	8	8
–	–	2	4

Overview of Fixed-Angle Rotors Centrifuge 58xx Family





Model	Rotor F-34-6-38	Rotor FA-45-6-30
Max. capacity 5804/5804 R	6 × 85 mL	6 × 50 mL
5810/5810 R	■	■
Description	High-speed rotor suitable for molecular applications in tubes up to 85 mL	Aerosol-tight high-speed rotor for safe centrifugation of hazardous samples
Aerosol-tightness	no	yes
Max. RCF	18,514 × g	20,133 × g
Max. speed	12,000 rpm	12,100 rpm
1.5/2.0 mL micro tube	24	–
Eppendorf Tubes® 5.0 mL and 15 mL conical	6	6
50 mL conical tubes	6	6
25 mL conical tubes	6[1)2)]	6[2)3)]
85 mL Oakridge tubes	6	–

[1)] Screw cap tubes only.[2)] Please order adapter for 25 mL conical tubes screw cap 5820734000.[3)] Please order adapter for 25 mL conical tubes snap cap 5820733004.







Rotor FA-45-20-17	Rotor FA-45-48-11	Rotor F-45-30-11/Rotor FA-45-30-11
20 × 5.0 mL	48 × 1.5/2.0 mL	30 × 1.5/2.0 mL
■	■	■
■	■	■
Aerosol-tight applications in Eppendorf Tubes® 5.0 mL	Aerosol-tight microcentrifuge tube rotor for safe centrifugation of hazardous samples	Microcentrifuge tube rotor
yes	yes	no/yes
20,913 × g	19,083 × g	20,817 × g
13,100 rpm	13,000 rpm	14,000 rpm
20	48	30
20/-	–	–
–	–	–
–	–	–
–	–	–

Technical specifications subject to change.

Rotors for Centrifuge 58xx Family







Model	Rotor F-35-48-17[1)]	Rotor T-60-11	Rotor F-45-48-PCR
Max. capacity		60 × 1.5/2.0 mL	6 × 5/8 PCR strips (48 x 0.2 mL)
5804/5804 R	■		■
5810/5810 R	■	■	■
Aerosol-tightness	no	no	no
Max. RCF	5,005 × g	16,435 × g	15,294 × g
Max. speed	5,500 rpm	14,000 rpm	12,000 rpm
1.5/2.0 mL micro tube	–	60	–
Eppendorf Tubes® 5.0 mL and 15 mL conical	-/40	–	–

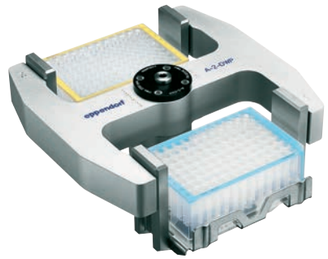
[1)] Please note that a software upgrade will be necessary for older centrifuges when using this rotor. Please contact your local Eppendorf organization or dealer for further information.

Ordering information

Description	Order no.
Rotor FA-45-20-17, incl. rotor lid, for 20 Eppendorf Tubes® 5.0 mL	5820765003
Adapter, for 1 vessel 1.5 – 2.0 mL, for all 5.0 mL rotors, 4 pcs.	5820768002
Adapter, for 1 cryo tube, for all 5.0 mL rotors, 4 pcs.	5820769009
Adapter, for 1 HPLC tube, for all 5.0 mL rotors, 4 pcs.	5820770007
Rotor FA-45-48-11, aerosol-tight, incl. rotor lid, for 48 × 1.5/2.0 mL tubes	5820760001
Rotor F-45-30-11, incl. rotor lid, for 30 × 1.5/2.0 mL reaction vessels	5804715004
Rotor FA-45-30-11, aerosol-tight, incl. rotor lid, for 30 × 1.5/2.0 mL reaction vessels	5804726006

Ordering information

Description	Order no.
Rotor F-35-48-17, for 24 × 15 mL conical tubes, incl. 24 steel sleeves and adapters	5820771003
Rotor F-35-48-17, for 40 × 15 mL conical tubes, incl. 48 steel sleeves and adapters	5820772000
Rotor T-60-11, incl. rotor lid, for 1.5/2.0 mL tubes, without adapter	5804730003
Adapter, for 10 reaction vessels 1.5/2.0 mL, for Rotor T-60-11, 6 pcs.	5804731000
Adapter, for 20 reaction vessels 0.4 mL, for Rotor T-60-11, 6 pcs.	5804732006
Rotor F-45-48-PCR, for 6 × 8, 6 × 5 PCR tube strips, 48 × 0.2 mL individual PCR tubes	5804735005





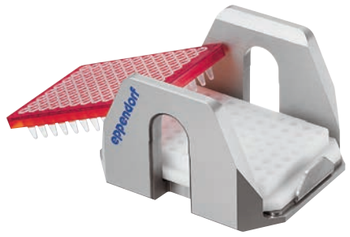
Rotor A-2-DWP
> For use in Centrifuge 5804/5804 R and 5810/5810 R
> Max. speed: 2,250 × g (3,700 rpm)
> Rotor can handle up to
- 2 × 4 MTP
- 2 × 4 Cell culture plates
- 2 × 2 DWP
- 2 × 1 Filtration plate kits

Rotor A-2-DWP-AT
> For use in Centrifuge 5810/5810 R only[1)]
> Max. speed: 3,486 × g (4,500 rpm)
> Rotor can handle up to
- 2 × 4 MTP
- 2 × 1 DWP
- 2 × 1 Filtration plate kits
- 2 × 2 Cell culture plates

[1)] Please note that a software upgrade may be necessary for older centrifuges when using Rotor A-2-DWP-AT. Please contact your local Eppendorf organization or dealer for further information.

Ordering information

Description	Order no.
Rotor A-2-DWP, for Deepwell plates, incl. 2 buckets	5804740009
Rotor A-2-DWP-AT, incl. 2 buckets, 2 aerosol-tight caps and 2 plate carriers	5820710004



PCR plate adapter
> Adapter is designed to support thin-walled PCR plate wells during centrifugation
> Available for 96-well and 384-well PCR plates
> Can be used in all Eppendorf plate rotors



Cell culture flask adapter
> Adapter to spin down cell cultures directly in a cell culture flask
> Suitable for 25 cm^2 and selective 75 cm^2 flasks (please ask for details)
> Can be used in Eppendorf plate rotor A-4-81-MTP/Flex



IsoRack adapter
> IsoRack adapters to support 1.5/2.0 mL IsoRacks during centrifugation
> Can be used in Eppendorf plate rotors A-2-DWP and A-4-81-MTP/Flex

Ordering information

Description	Order no.
Adapter, for 1 cell culture flask, for Rotors A-4-81-MTP/Flex	5825719000
Adapter, for 1 PCR plate (96 wells), for 96-well PCR plates, used in A-4-81-MTP/Flex, A-4-62-MTP, A-2-DWP-AT and A-2-DWP, 2 pcs.	5825711009
Adapter, for 1 PCR plate (384 wells), for 384-well PCR plates, used in A-4-81-MTP/Flex, A-4-62-MTP, A-2-DWP-AT and A-2-DWP, 2 pcs.	5825713001
IsoRack adapter, for 24 vessels in the IsoRack 1.5/2.0 mL, for Rotor A-4-81 (MTP), for Rotor A-2-DWP-AT, for 24 × 1.5/2.0 mL tubes in the IsoRack, 2 pcs.	5825709004
CombiSlide Adapter, for 12 slides Combi Slide, for Rotors A-2-MTP and A-4-81 (MTP), 2 pcs.	5825706005

Rotors for Centrifuge 5810 and 5810 R



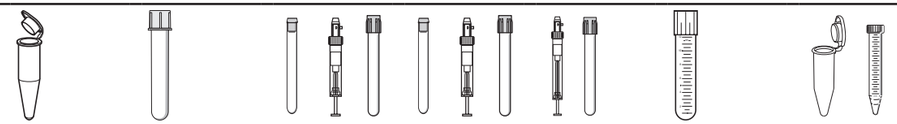
Rotor S-4-104

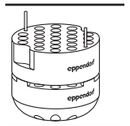
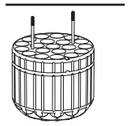
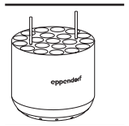
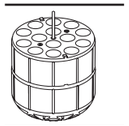
> Medium capacity swing-bucket rotor with max. speed 3,214 × g (3,900 rpm)[1)]
> Broad range of adapters enables high versatility for tubes and bottles from 0.2 mL to 750 mL and plates
> Aerodynamic round bucket design for up to 36 % energy savings compared to Rotor A-4-81

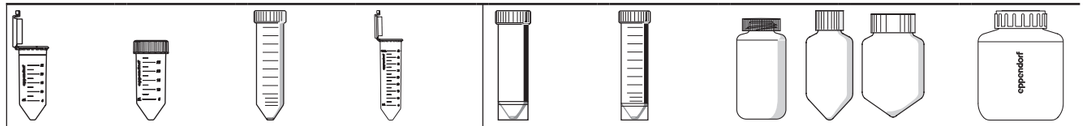
[1)] Please note that a software upgrade may be necessary for older centrifuges when using this rotor. Please contact your local Eppendorf organization or dealer for further information.

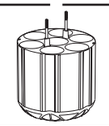
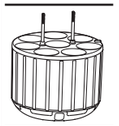
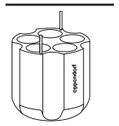
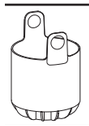
Ordering information

Description	Order no.
Rotor S-4-104	
incl. 4 × 750 mL round buckets	5820740000
aerosol-tight capable, incl. 4 plate buckets	5820754001
without buckets	5820755008
Inlay for microfluidic card, for Rotor S-4-104, 4 pcs.	5820751002
Plate carrier, Rotoren S-4-104, S-4x750, 2 pcs.	5820756004
Plate bucket, for Rotor S-4-104, aerosol-tight capable, incl. plate carrier, 2 pcs.	5820744006
Plate bucket, for Rotor S-4-104, aerosol-tight capable, incl. plate carrier, 4 pcs.	5820743000
Plate bucket (open), for Rotor S-4-104, incl. plate carrier, 4 pcs.	5820757000
Round bucket 750 mL, for Rotor S-4-104, 2 pcs.	5820742003
Round bucket 750 mL, for Rotor S-4-104, aerosol-tight capable, 4 pcs.	5820741007
Caps, rotors S-4-104, S-4x750, plate bucket, aerosol-tight, 2 pcs.	5820748001
Caps for 750 mL/1000 mL, for rotors S-4-104, S-4x750, S-4x1000, aerosol-tight, 2 pcs.	5820747005
Wide-neck bottle 750 mL, for Rotors S-4-104, S-4x750, S-4x1000, 2 pcs.	5820708000



Adapters for Rotor S-4-104							
Tube Volume	1.5/2.0 mL	12 × 75 mm, 5 mL FACS	2.6 – 8 mL	5.5 – 12 mL	9 mL	14 mL	Eppendorf Tubes® 5.0 mL and 15 mL conical
Max. tube diameter	11 mm	12 mm	13 mm	16 mm	17.5 mm	17.5 mm	17 mm
Max. vessel height	39 mm	115 mm	115 mm	119 mm	111 mm	117 mm	125 mm
Max. vessel height for use with cap/lid[1)]	39 mm	108 mm	108 mm	114 mm	106 mm	112 mm	121 mm
Adapter							
Number of vessels per adapter/rotor	50/200	27/108	23/92	20/80	20/80	14/56	14/56
Bottom shape	flat	round	round	round	round	round	conical
Centrifugation radius	188 mm	183 mm	179 mm	180 mm	179 mm	185 mm	188 mm
Max. RCF	3,197 × g	3,112 × g	3,044 × g	3,061 × g	3,044 × g	3,146 × g	3,197 × g
Packing	2 pcs.	2 pcs.	2 pcs.	2 pcs.	2 pcs.	2 pcs.	2 pcs.
Order no.	5825740009	5825747003	5825738004	5825736001	5825743008	5825748000	5825734009



25 mL snap cap[2)]	25 mL screw cap[3)]	50 mL screw cap	45 mL snap cap	30 mL	50 mL conical, skirted	250 mL flat, 175 – 225/250 mL conical[4)5)]	500 mL Corning®	750 mL
30 mm	30 mm	30 mm	30 mm	25 mm	30 mm	62 mm	96 mm	102 mm
83 mm	78.5 mm	122 mm	122 mm		120 mm	145 mm	147 mm	140 mm
83 mm	78.5 mm	116 mm	116 mm		116 mm	125 mm	–	–
								
6/24	7/28	7/28	6/24	8/32	5/20	1/4	1/4	1/4
	conical			flat	conical, skirted	flat	conical	flat
161 mm	151 mm	187 mm	187 mm		178 mm	183 mm	187 mm	185 mm
2,737 × g	2,567 × g	3,180 × g	3,180 × g		3,027 × g	3,112 × g	3,180 × g	3,146 × g
2 pcs.				2 pcs.	2 pcs.	2 pcs.	2 pcs.	2 pcs.
5825733002				5825755006	5825732006	5825741005	5825745000	5825744004

[1)] Exceeding the maximum tube length may reduce the loading capacity of the rotor. Please perform a manual swing-out test before starting the centrifuge run to make sure the tubes do not hit the rotor yoke. [2)] Please order adapter for 25 mL conical tubes snap cap 5820733004.[3)] Please order adapter for 25 mL conical tubes screw cap 5820734000.[4)] Please note that these conical bottles need to be used together with a conical form insert provided by the manufacturer. [5)] 225 mL conical bottles from BD®/Corning® and 250 mL conical bottles from Nunc® for Rotor S-4-104 and S-4x750.

Rotors for Centrifuge 5810 and 5810 R



Rotor A-4-81

> Swing-bucket rotor with max. speed 3,220 × g (4,000 rpm)
> Rotor A-4-81 accommodates tubes and bottles from 0.2 mL to 500 mL as well as plates
> Aerosol-tight caps[1] for safe centrifugation of hazardous samples optionally available

[1] Aerosol-tightness tested by Public Health England, Porton Down, UK.

Ordering information

Description	Order no.
Rotor A-4-81, for 500 mL rectangular buckets or MTP/Flex buckets, incl. 4 x 500 mL rectangular buckets	5810718007
Rotor A-4-81, without buckets	5810743001
Rotor A-4-81-MTP/Flex, Swing-bucket rotor, incl. 4 MTP/Flex buckets	5810725003
Bucket for 7 × 50 mL conical tubes, for Rotor A-4-81, 4 pcs.	5825730003
Rectangular bucket 500 mL, for Rotor A-4-81, 4 pcs.	5810730007
Cap, aerosol-tight, for 500 mL rectangular bucket, 2 pcs.	5810724007
Wide-neck bottle 500 mL, for Rotors A-4-81, S-4x500, rectangular, 2 pcs.	5820707003
Wide-neck bottle 400 mL, for Rotors A-4-81, S-4x500, 400 mL, lid blue, 2 pcs.	5810729009
MTP/Flex buckets, for Rotors A-4-81, S-4x500, for use with IsoRack and cell culture flask adapters as well as MTP and DWP, 2 pcs.	5810742005
MTP/Flex buckets, for Rotors A-4-81, S-4x500, for use with IsoRack and cell culture flask adapters as well as MTP and DWP, 4 pcs.	5810741009

Adapters for Rotor A-4-81									
Tube Volume	1.5/2.0 mL	1.2 – 5 mL	2.6 – 5 mL	2.6 – 7 mL	3 – 15 mL	7 – 17 mL	Eppendorf Tubes® 5.0 mL and 15 mL conical tubes	25 mL snap cap	25 mL screw cap
Max. tube diameter	11 mm	11 mm	13 mm	13 mm	16 mm	17.5 mm	17 mm	30 mm	30 mm
Max. vessel height	43 mm	108 mm	108 mm	108 mm	108 mm	118 mm	121 mm	83 mm	78.5 mm
Max. vessel height for use with cap/lid[1]	43 mm	108 mm	107 mm	108 mm	108 mm	118 mm	121 mm	116 mm	78.5 mm
Adapter									
Number of vessels per adapter/rotor	20/80	20/80	25/100	18/72	16/64	16/64	12/48	5/20	5/20
Bottom shape	flat	flat	flat with rubber mat	flat with rubber mat	flat with rubber mat	flat with rubber mat	conical	conical	
Centrifugation radius	165 mm	168 mm	168 mm	168 mm	168 mm	168 mm	173 mm	158 mm	148 mm
Max. RCF	2,950 × g	3,000 × g	3,000 × g	3,000 × g	3,000 × g	3,000 × g	3,100 × g	2,826 × g	2,647 × g
Packing	2 pcs.	2 pcs.	2 pcs.	2 pcs.	2 pcs.	2 pcs.	2 pcs.	2 pcs.	
Order no.	5810745004	5810746000	5810720001	5810747007	5810748003	5810721008	5810722004	5810723000	

50 mL screw cap	45 mL snap cap	25 mL snap cap[2]	25 mL screw cap[3]	50 mL screw cap	45 mL snap cap	30 – 50 mL round-bottom/50 mL conical, skirted[4]	180 – 250 mL flat/ 175 – 225 mL conical[5]	400 mL	500 mL	MTP, DWP, PCR plates
30 mm	30 mm	30 mm	30 mm	30 mm	30 mm	30 mm	62 mm	133 mm	83 mm	–
122 mm	122 mm	83 mm	78.5 mm	122 mm	122 mm	121 mm	133 mm	133 mm	134 mm	60 mm
116 mm	116 mm	–	–	–	–	–	–	–	134 mm	–
5/20	5/20	7/28	7/28	7/28	7/28	5/20	1/4	1/4	–/4	4/16 (MTP) 1/4 (DWP)
conical			conical			flat with rubber mat	flat with rubber mat	flat, rubber	flat	flat with rubber mat
173 mm	173 mm	155 mm	145 mm	180 mm	180 mm	173 mm	173 mm	180 mm	180 mm	163 mm
3,100 × g	3,100 × g	2,772 × g	2,593 × g	3,220 × g	3,220 × g	3,100 × g	3,100 × g	3,220 × g	3,220 × g	2,900 × g
2 pcs.		4 pcs.				2 pcs.	2 pcs.	2 pcs.		2 pcs.
5810723000		5825730003				5810739004	5825722000	5810728002	–	5810742005

[1] Exceeding the maximum tube length may reduce the loading capacity of the rotor. Please perform a manual swing-out test before starting the centrifuge run to make sure the tubes do not hit the rotor yoke.
[2] Please order adapter for 25 mL conical tubes snap cap 5820733004. [3] Please order adapter for 25 mL conical tubes screw cap 5820734000. [4] Please order adapter for 50 mL conical tubes skirted 5804737008 or 022654373 for U.S. and Canada. [5] Please note that these conical bottles need to be used together with a conical form insert provided by the manufacturer.

Rotors for Centrifuge 5810 and 5810 R



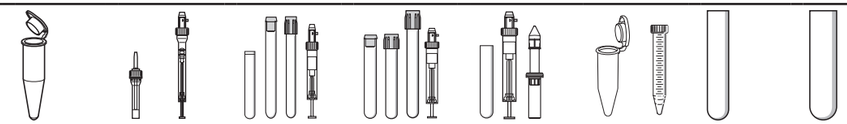
Rotor A-4-62

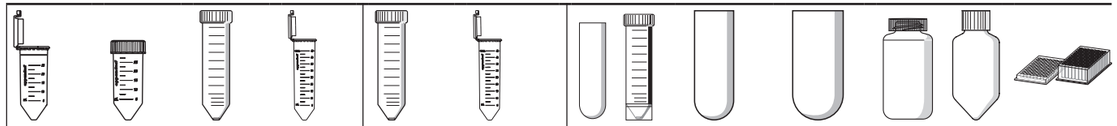
> Swing-bucket rotor with max. speed 3,220 × g (4,000 rpm)
> Rotor A-4-62 accommodates tubes and bottles from 0.2 mL to 250 mL as well as plates
> Aerosol-tight caps[1] for safe centrifugation of hazardous samples optionally available

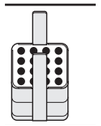
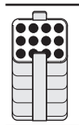
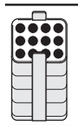
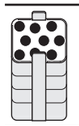
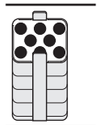
[1] Aerosol-tightness tested by Public Health England, Porton Down, UK.

Ordering information

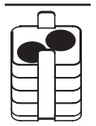
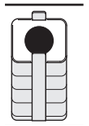
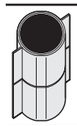
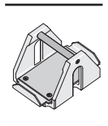
Description	Order no.
Rotor A-4-62, incl. 4 × 250 mL rectangular buckets	5810709008
Rotor A-4-62-MTP, with 4 MTP buckets	5810711002
MTP bucket for Rotor A-4-62, for 4 MTP or 1 DWP, 4 pcs.	5810702003
Caps, for rectangular bucket 250 mL, aerosol-tight, 2 pcs.	5810710006
Rectangular bucket 250 mL, for Rotor A-4-62, 4 pieces	5810716004





Adapters for Rotor A-4-62								
Tube Volume	1.5 – 2.0 mL	1.2 – 5 mL	2.6 – 7 mL	3 – 15 mL	7 – 17 mL	Eppendorf Tubes® 5.0 mL and 15 mL conical	7 – 18 mL	18 – 25 mL
Max. tube diameter	11 mm	11 mm	13 mm	16 mm	17.5 mm	17 mm	20 mm	26 mm
Max. vessel height	43 mm	123 mm	121 mm	121 mm	118 mm	127 mm	126 mm	119 mm
Max. vessel height for use with cap/lid[1]	43 mm	115 mm	118 mm	116 mm	114 mm	121 mm	119 mm	116 mm
Adapter								
Number of vessels per adapter/rotor	16/64	25/100	15/60	12/48	12/48	9/36	8/32	4/16
Bottom shape	flat	flat with rubber mat	flat with rubber mat	flat with rubber mat	flat with rubber mat	conical	flat with rubber mat	flat with rubber mat
Centrifugation radius	171 mm	173 mm	173 mm	173 mm	173 mm	178 mm	173 mm	173 mm
Max. RCF	3,000 × g	3,050 × g	3,050 × g	3,050 × g	3,050 × g	3,150 × g	3,050 × g	3,050 × g
Packing	2 pcs.	2 pcs.	2 pcs.	2 pcs.	2 pcs.	2 pcs.	2 pcs.	2 pcs.
Order no.	5810751004	5810750008	5810752000	5810753007	5810754003	5810755000	5810756006	5810757002

[1] Exceeding the maximum tube length may reduce the loading capacity of the rotor. Please perform a manual swing-out test before starting the centrifuge run to make sure the tubes do not hit the rotor yoke.
[2] Please order adapter for 50 mL conical tubes skirted 5804 737008.

25 mL snap cap	25 mL screw cap	50 mL screw cap	45 mL snap cap	50 mL screw cap	45 mL snap cap	30 – 50 mL round-bottom/ 50 mL conical, skirted[2]	50 – 75 mL	80 – 120 mL	200 – 250 mL flat/ 175 – 225 mL conical	MTP, DWP, PCR plates
30 mm	30 mm	30 mm	30 mm	30 mm	30 mm	30 mm	35 mm	45 mm	62 mm	–
83 mm	78.5 mm	122 mm	119 mm	122 mm	122 mm	115 mm	122 mm	138 mm	136 mm	53 mm
83 mm	78.5 mm	116 mm	116 mm	–	–	–	118 mm	125 mm	127 mm	–
										
3/12	3/12	3/12	3/12	4/16	4/16	4/16	2/8	1/4	1/4	4/16 (MTP) 1/4 (DWP)
	conical			flat with conical inlay		flat with rubber mat	flat with rubber mat	flat with rubber mat	flat with rubber mat	flat with rubber mat
151 mm	141 mm	178 mm	173 mm	173 mm	173 mm	173 mm	173 mm	173 mm	180 mm	154 mm
2,701 × g	2,522 × g	3,150 × g	3,050 × g	3,050 × g	3,050 × g	3,050 × g	3,050 × g	3,050 × g	3,220 × g	2,750 × g
2 pcs.				2 pcs.		2 pcs.	2 pcs.	2 pcs.	2 pcs.	4 pcs.
5810758009				5810763002		5810759005	5810760003	5810761000	5810770009	5810702003

Technical specifications subject to change.

Rotors for Centrifuge 58xx Family



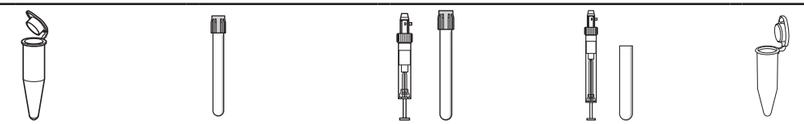
Rotor S-4-72

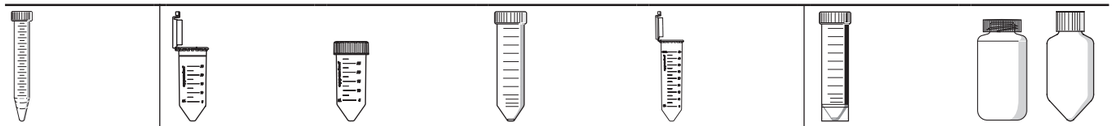
> Medium capacity swing-bucket rotor with speeds up to 3,234 × g (4,200 rpm)[1)]
> Broad range of adapters available to handle all common tube formats from 0.2 mL to 250 mL
> Aerodynamic round bucket design for up to 48 % energy savings compared to Rotor A-4-62

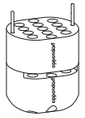
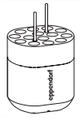
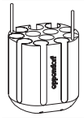
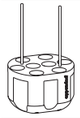
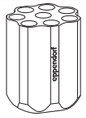
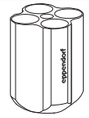
[1)] Please note that a software upgrade may be necessary for older centrifuges when using this rotor. Please contact your local Eppendorf organization or dealer for further information.

Ordering information

Description	Order no.
Rotor S-4-72, incl. 4 × 250 mL round buckets	5804746007





Adapters for Rotor S-4-72										
Tube Volume	1.5/2.0 mL	2.6 – 8 mL	5.5 – 12 mL	9 mL	Eppendorf Tubes® 5.0 mL	15 mL conical	25 mL snap cap[2)]	25 mL screw cap[3)]	50 mL screw cap	45 mL snap cap	50 mL conical, skirted	250 mL flat/ 175 mL Falcon®[4)]
Max. tube diameter	11 mm	13 mm	16 mm	17.5 mm	17 mm	17 mm	30 mm	30 mm	30 mm	30 mm	30 mm	62 mm
Max. vessel height	43 mm	115 mm	112 mm	113 mm	60 mm	120 mm	83 mm	78.5 mm	120 mm	83 mm	120 mm	130 mm
Adapter												
Number of vessels per adapter/rotor	26/104	14/56	13/52	12/48	8/32[1)]	8/32	4/16	4/16	4/16	4/16	2/8	1/4
Bottom shape	flat	round	round	round	conical	conical		conical			conical	flat
Centrifugation radius	159 mm	159 mm	157 mm	158 mm	163 mm	164 mm	137 mm	128 mm	164 mm	137 mm	153 mm	160 mm
Max. RCF	3,136 × g	3,136 × g	3,096 × g	3,116 × g	3,215 × g	3,234 × g	2,701 × g	2,524 × g	3,234 × g	2,701 × g	2,602 × g	3,155 × g
Packing	2 pcs.	2 pcs.	2 pcs.	2 pcs.	2 pcs.	2 pcs.		2 pcs.			2 pcs.	2 pcs.
Order no.	5804794001	5804789008	5804791002	5804792009	5804793005	5804783000		5804784006			5804785002	5804787005

[1)] For Eppendorf Tubes® 5.0 mL with screw cap the capacity is limited to 6 tubes per adapter.[2)] Please order adapter for 25 mL conical tubes snap cap 5820733004.[3)] Please order adapter for 25 mL conical tubes screw cap 5820734000.[4)] Please note that these conical bottles need to be used together with a conical form insert provided by the manufacturer.

Rotors for Centrifuge 58xx Family



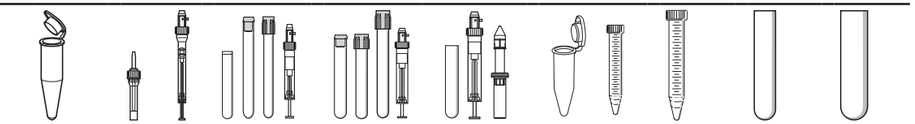
Rotor A-4-44

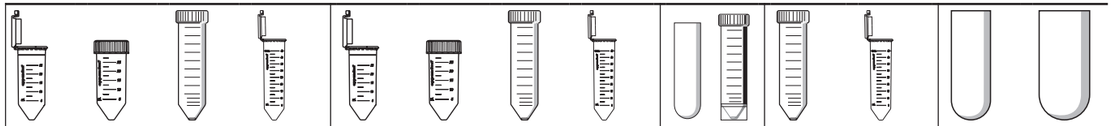
> High-speed swing-bucket rotor for applications up to 4,500 × g (5,000 rpm)
> Rotor A-4-44 accommodates tubes from 0.2 mL to 100 mL
> Aerosol-tight caps[1)] for safe centrifugation of hazardous samples optionally available

[1)] Aerosol-tightness tested by Public Health England, Porton Down, UK.

Ordering information

Description	Order no.
Rotor A-4-44, incl. 4 × 100 mL rectangular buckets	5804709004
Bucket for 2 × 50 mL conical tubes, for Rotor A-4-44, 4 pcs.	5804706005
Rotor A-4-44, incl. 4 buckets for 2 × 50 mL conical tubes	5804719000
Rectangular bucket 100 mL, for Rotor A-4-44, 4 pcs.	5804741005
Caps, for 100 mL rectangular bucket, aerosol-tight, 2 pcs.	5804712005
Adapter Insert, insert for 50 mL conical tubes with skirted bottom, 8 pcs.	5804737008





Adapters for Rotor A-4-44																				
Tube Volume	1.5 – 2.0 mL	1.2 – 5 mL	2.6 – 7 mL	3 – 15 mL	7 – 17 mL	Eppendorf Tubes® 5.0 mL and 15 mL conical	15 mL conical	7 – 18 mL	18 – 30 mL	25 mL snap cap	25 mL screw cap	50 mL screw cap	45 mL snap cap	25 mL snap cap[2)]	25 mL screw cap[3)]	50 mL screw cap	45 mL snap cap	30 – 50 mL round-bottom/ 50 mL conical, skirted	50 mL screw cap	45 mL snap cap	50 – 75 mL	80 – 100 mL
Max. tube diameter	11 mm	11 mm	13 mm	16 mm	17.5 mm	17 mm	17 mm	20 mm	26 mm	30 mm	30 mm	30 mm	30 mm	30 mm	30 mm	30 mm	30 mm	30 mm	–	–	35 mm	45 mm
Max. vessel height	43 mm	105 mm	108 mm	108 mm	110 mm	121 mm	121 mm	107 mm	110 mm	83 mm	78.5 mm	122 mm	122 mm	83 mm	78.5 mm	122 mm	122 mm	122 mm	120 mm	120 mm	119 mm	114 mm
Max. vessel height for use with cap/lid[1)]	43 mm	102 mm	106 mm	106 mm	106 mm	–	121 mm	104 mm	100 mm	83 mm	78.5 mm	–	–	83 mm	78.5 mm	119 mm	119 mm	108 mm	–	–	108 mm	100 mm
Adapter																						
Number of vessels per adapter/rotor	12/48	14/56	9/36	7/28	6/24	4/16	2/8	4/16	2/8	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	–/8	–/8	1/4	1/4
Bottom shape	flat	flat with rubber mat	flat with rubber mat	flat with rubber mat	flat with rubber mat	conical	conical	flat with rubber mat	flat with rubber mat	conical				conical				flat with rubber mat	flat with conical inlay		flat with rubber mat	flat with rubber mat
Centrifugation radius	148 mm	150 mm	150 mm	150 mm	150 mm	155 mm	157 mm	150 mm	150 mm	124 mm	114 mm	155 mm	155 mm	126 mm	116 mm	157 mm	157 mm	150 mm	161 mm	161 mm	150 mm	150 mm
Max. RCF	4,100 × g	4,200 × g	4,200 × g	4,200 × g	4,200 × g	4,332 × g	4,388 × g	4,200 × g	4,200 × g	3,465 × g	3,186 × g	4,332 × g	4,332 × g	3,521 × g	3,242 × g	4,388 × g	4,388 × g	4,200 × g	4,500 × g	4,500 × g	4,200 × g	4,200 × g
Packaging	2 pcs.	2 pcs.	2 pcs.	2 pcs.	2 pcs.	2 pcs.	2 pcs.	2 pcs.	2 pcs.	2 pcs.				2 pcs.				2 pcs.	4 pcs.		2 pcs.	2 pcs.
Order no.	5804751000	5804750004	5804752007	5804753003	5804754000	5804755006	5804717007	5804756002	5804757009	5804758005				5804718003				5804759001	5804706005		5804760000	5804761006

[1)] Exceeding the maximum tube length may reduce the loading capacity of the rotor. Please perform a manual swing-out test before starting the centrifuge run to make sure the tubes do not hit the rotor yoke.
[2)] Please order adapter for 25 mL conical tubes snap cap 5820733004.[3)] Please order adapter for 25 mL conical tubes screw cap 5820734000.

Rotors for Centrifuge 58xx Family



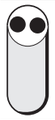
Rotor F-34-6-38

> For molecular applications in tubes from 0.2 mL to 85 mL
> Max. speed: 18,514 × g (12,000 rpm) in Centrifuge 5810 R or 15,557 × g (11,000 rpm) in Centrifuge 5804/5804 R/5810[1)]
> Low rotor weight (3.2 kg) for easy handling

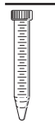
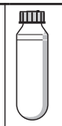
[1)] Rotors F-34-6-38 and FA-45-6-30 maintain 4 °C at 11,000 rpm

Ordering information

Description	Order no.
Rotor F-34-6-38, for 6 × 85 mL tubes, incl. rotor lid	5804727002
Rotor lid, for F-34-6-38, for Centrifuge 58xx	5804727509

Adapters for Rotor F-34-6-38					
Tube Volume	1.5 – 2.0 mL	2 – 5 mL (13x75 mm)	4 – 7 mL (13x100 mm)	7 – 15 mL	Eppendorf Tubes® 5.0 mL
Max. tube diameter	11 mm	13 mm	13 mm	16 mm	17 mm
Max. vessel height for use with cap/lid	43 mm	80 mm	107 mm	112 mm	–
Adapter					
Number of vessels per adapter/rotor	4/24	3/18	3/18	2/12	1/6
Bottom shape	round	flat	flat	round	conical
Centrifugation radius	113 mm	106 mm	114 mm	112 mm	105 mm
Max. RCF at 12.100 rpm (5810 R)	18,200 × g	17,065 × g	18,353 × g	18,000 × g	17,187 × g
Max. RCF at 11.000 rpm (5804, 5804 R, 5810)	15,300 × g	14,339 × g	15,422 × g	15,150 × g	14,204 × g
Packing	2 pcs.	2 pcs.	2 pcs.	2 pcs.	2 pcs.
Order no.	5804770005	5804738004	5804739000	5804771001	5804777000

[1)] Please order adapter for 25 mL conical tubes screw cap 5820734000.

								
15 mL conical	15 – 18 mL	30 mL	25 mL screw cap[1)]	50 mL screw cap	45 mL snap cap	50 mL	85 mL	
17 mm	18 mm	26 mm	30 mm	30 mm	30 mm	29 mm	38 mm	
123 mm	123 mm	123 mm	78.5 mm	117 mm	–	123 mm	121 mm	
								
1/6	1/6	1/6	1/4	1/6	1/4	1/6	–/6	
conical	round	round		conical		round	round	
107 mm	109 mm	110 mm	87 mm	108 mm	108 mm	112 mm	115 mm	
17,200 × g	17,550 × g	17,700 × g	14,241 × g	17,400 × g	17,400 × g	18,014 × g	18,500 × g	
14,450 × g	14,750 × g	14,900 × g	14,070 × g	14,600 × g	14,600 × g	15,157 × g	15,550 × g	
2 pcs.	2 pcs.	2 pcs.	2 pcs.			2 pcs.		
5804776003	5804772008	5804773004	5804775007			5804774000	–	

Rotors for Centrifuge 58xx Family





Rotor FA-45-6-30

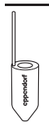
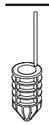
> High-speed rotor for applications in tubes from 5 – 50 mL[1)]
> Max. speed 20,133 × g (12,100 rpm) in Centrifuge 5810 R or 16,639 × g (11,000 rpm) in Centrifuge 5804/5804 R/5810[2)]
> Eppendorf QuickLock® rotor lid for fast lid locking

[1)] Please note that a software upgrade may be necessary for older centrifuges when using this rotor. Please contact your local Eppendorf organization or dealer for further information.

[2)] Rotors F-34-6-38 and FA-45-6-30 maintain 4 °C at 11,000 rpm

Ordering information

Description	Order no.
Rotor FA-45-6-30, aerosol-tight, incl. rotor lid, for 6 × 15/50 mL conical tubes	5820715006

Adapters for Rotor FA-45-6-30					
Tube Volume	2.6 – 5 mL	4 – 8 mL	5.5 – 10 mL	7.5 – 12 mL	Eppendorf Tubes® 5.0 mL
Max. tube diameter	13 mm	13 mm	16 mm	16 mm	17 mm
Max. vessel height for use with cap/lid	–	119 mm	–	119 mm	–
Adapter					
Number of vessels per adapter/rotor	1/6	1/6	1/6	1/6	1/6[1)]
Bottom shape	round	round	round	round	conical
Centrifugation radius	120 mm	120 mm	120 mm	120 mm	121 mm
Max. RCF at 12.100 rpm (5810 R)	19,642 × g	19,642 × g	19,642 × g	19,642 × g	19,806 × g
Max. RCF at 11.000 rpm (5804, 5804 R, 5810)	16,233 × g	16,233 × g	16,233 × g	16,233 × g	16,369 × g
Packing	2 pcs.	2 pcs.	2 pcs.	2 pcs.	2 pcs.
Order no.	5820726008	5820725001	5820728000	5820727004	5820730005

[1)] Eppendorf Tubes® 5.0 mL with screw cap will not fit in this adapter.

Technical specifications subject to change.

Eppendorf Conical Tubes

Whether you use them for centrifugation, mixing, or other applications – the Eppendorf Conical Tubes 15 mL, 25 mL and 50 mL will perfectly fit into your workflows. They represent the next step in Eppendorf's comprehensive system solutions in liquid, sample and cell handling.

More information: www.eppendorf.link/conicals





								
Tube Volume	7 – 17 mL	15 mL	16 mL	30 mL	25 mL snap cap	25 mL screw cap	50 mL screw cap	45 mL snap cap
Max. tube diameter	17.5 mm	17 mm	18 mm	26 mm	30 mm	30 mm	30 mm	30 mm
Max. vessel height for use with cap/lid	112 mm	121 mm	107 mm	104 mm	83 mm	78.5 mm	127 mm	127 mm
Adapter							—	—
Number of vessels per adapter/rotor	1/6	1/6	1/6	1/6	1/6	1/6	–/6	–/6
Bottom shape	round	conical	round	round	conical	conical	conical	conical
Centrifugation radius	120 mm	120 mm	120 mm	105 mm	104 mm	97 mm	123 mm	123 mm
Max. RCF at 12.100 rpm (5810 R)	19,642 × g	19,642 × g	19,642 × g	17,187 × g	17,023 × g	15,616 × g	19,500 × g	20,133 × g
Max. RCF at 11.000 rpm (5804, 5804 R, 5810)	16,233 × g	16,223 × g	16,223 × g	14,204 × g	14,069 × g	13,122 × g	16,639 × g	16,639 × g
Packing	2 pcs.	2 pcs.	2 pcs.	2 pcs.	6 pcs.	6 pcs.	–	–
Order no.	5820729007	5820717009	5820720000	5820721006	5820733004	5820734000	–	–

www.eppendorf.link/Centrifugation

Your local distributor: www.eppendorf.com/contact
Eppendorf SE · 22331 Hamburg · Germany
eppendorf@eppendorf.com · www.eppendorf.com

BD® is a registered trademark of Becton, Dickinson and Company, USA. Corning® is a registered trademark of Corning, Inc, USA. Nalgene® and Nalgene®.
oak ridge are registered trademarks of Nalge Nunc International Corp., USA. Nunc® is a registered trademark of Nunc A/S Corporation, Denmark. Microtainer® is a registered trademark of Becton Dickinson, USA.
Eppendorf®, the Eppendorf Brand Design, Eppendorf Tube® and Eppendorf Quick-Lock® are registered trademarks of Eppendorf SE, Germany. Patents are listed on www.eppendorf.com/ip.
All rights reserved, including graphics and images. Copyright © 2025 by Eppendorf SE. PDF/EN1/1125