

Benchtop Centrifuges 5804/5804 R and 5810/5810 R, Eppendorf



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Centrifuges 5804 (cooled 5804 R) and 5810 (cooled 5810 R)

The two non-refrigerated basic models differ in capacity but are identical in operation. What is decisive are the user's individual needs. While Centrifuge 5804 has a maximum capacity of 1,000 ml in a swing-bucket rotor, Centrifuge 5810 provides a capacity of 2,000 ml in a swing-bucket rotor. The successful concept of different rotors permits flexible handling of the most diverse tube capacities and shapes.

With the swing-bucket and fixed-angle rotors it is possible to centrifuge the vast majority of commercial tubes, MTPs and deepwell plates. The range of accessories has been greatly expanded - and flexibility increased accordingly - in particular for the swing bucket rotors A-4-81 and A-4-81-MTP, which enable the centrifuging of up to 28 × 50 ml Falcon® tubes or up to 16 MTPs in the centrifuges A-4-81 and A-4-81-MTP. Using modular adapters you can adapt your rotor to changing needs.

Product features of the centrifuges:

- Speed, rcf and radius correction values can be entered by the user
- Temperature range from -9 to +40°C (5804 R and 5810 R)
- Stand-by refrigeration (5804 R and 5810 R)
- Speed can be set from 200 rpm in increments of 10 rpm
- Short-spin key with selectable rotational speed
- Fast-temp function for rapid cooling of the centrifuge chamber
- „at set rpm“ for even more reproducible results
- 10 acceleration and 10 braking ramps for sensitive sample material

Type	WxDxH cm	Wght kg	P input W	Mains connection	Order No.
5804 without rotor	47×55×34	55	750	230 V/50 Hz	55 69 58040
5804 R without rotor	64×55×34	80	1350	230 V/50 Hz	55 69 58050
5810 without rotor	54×61×35	68	850	230 V/50 Hz	55 69 58100
5810 R without rotor	70×61×35	99	1350	230 V/50 Hz	55 69 58110

Rotors for centrifuges type 5804/5804 R and 5810/5810 R

The new generation of swing-bucket and fixed-angle rotors further improves the efficiency of the centrifuges 5804 (cooled: 5804 R) and 5810 (cooled: 5810 R). They are characterized by their particularly long useful life.

Swing-bucket rotors:

- Capacities for almost all common tube formats from 1.5 to 500 ml
- Aerodynamic design for improved energy efficiency
- New Eppendorf QuickLock® caps for single-hand operation

Fixed angle rotors:

- New Eppendorf QuickLock® caps for ergonomical lid closing
- Excellent temperature control. Aluminum for high thermal conductivity
- Highly resistant to chemicals
- Perfect tube support also with high rotor speed

Product features of the adapters for swing-bucket rotors

- Commercially available tubes can be centrifuged in the swing-bucket rotors with help of the adapters
- Flexible modular principle: different tube lengths fit into one adapter
- Stable bench-top position, well suited for the processing and preparation of series of samples
- Fully autoclavable (20 min, 121°C)
- Easy to take apart and easy to clean

Type	Version	Speed max. 1/min	RCF max. × g	Order No.
Swing-bucket rotor S-4-72	incl. 4 × 250 ml round beakers	4200	3234	10 69 74607
Swing-bucket rotor A-4-44	incl. 4 × 100 ml rectangular beakers	5000	4400	55 69 09004
Swing-bucket rotor A-4-44	inkl. four 2 × 50 ml beakers	5000	4500	10 69 71900
Deepwell plate rotor A-2-DWP	incl. 2 deepwell plate suspension gears	3700	2250	55 69 40009
Fixed-angle rotor F-34-6-38	for 6 × 85 ml tubes incl. lid	11000	15550	55 69 27002
Fixed-angle rotor FA-45-6-30	for 6 × 50 ml tubes, incl. aerosol-tight QuickLock® lid	11000	16639	10 69 71506
Fixed-angle rotor F-35-48-17	incl. 48 steel sleeves for 15 ml tubes, with 40 conical inserts and 48 rubber mats	5500	5005	10 69 77200
Fixed-angle rotor F-35-48-17	incl. 24 steel sleeves for 15 ml tubes, with 24 conical inserts and rubber mats	5500	5005	10 69 77103
Fixed-angle rotor FA-45-48-11	for 48 × 1.5/2.0 ml tubes, incl. aerosol-tight QuickLock® lid	13000	19803	10 69 76001
Fixed-angle rotor FA-45-30-11	for 30 × 1.5/2.0 ml tubes, aluminium lid, aerosol-tight	14000	20800	55 69 26006
Fixed-angle rotor F-45-30-11	for 30 × 1.5/2.0 ml tubes, aluminium lid	14000	20800	55 69 15004
Fixed-angle rotor F-45-48-PCR	for 6× strips of 8 PCR tubes, 6× strips of 5 PCR tubes or 48×0.2 ml individual PCR tubes	12000	15350	55 69 35005

Adapter and accessories for all rotors on request.



Rotors only for centrifuges type 5810/5810 R

Type	Version	Speed max. 1/min	RCF max. × g	Order No.
Swing-bucket rotor S-4-104	incl. 4 × 250 ml round beakers	3900	3214	10 69 74000
Swing-bucket rotor S-4-104	incl. 4 × plates beaker (aerosol-tight possible)	3900	2568	10 69 54001
Swing-bucket rotor S-4-104	without suspension gears/beakers			10 69 75508
Swing-bucket rotor A-4-81	incl. 4 × 500 ml rectan- gular beakers	4000	3220	55 69 18007
Swing-bucket rotor A-4-81	incl. 4 × MTP/flex sus- pension gears	4000	2900	55 69 25003
Swing-bucket rotor A-4-81	without suspension gears/beakers	4000		10 69 74301
Swing-bucket rotor A-4-62	incl. 4 × 250 ml rectan- gular beakers	4000	3200	55 69 09008
Swing-bucket rotor A-4-62	incl. 4 × MTP suspen- sion gears	4000	2750	55 69 11002
Deepwell plate rotor A-2-DWP-AT	incl. beakers, aerosol- tight caps and plates	4500	3486	10 69 71004

Adapter and accessories for all rotors on request.

Accessories for rotor A-4-81

Article	Order No.
Buckets for 7 × 50 ml Falcon® test tubes, set of 4	10 69 73003
Adapter for 15 ml Falcon® test tubes, set of 7	10 69 71805
500 ml wide mouth bottle, set of 2	10 69 70703

Adapters

Article	Order No.
Adapter for 15 ml Falcon® test tubes, set of 2	10 69 71709
Adapter for 10 ml Oak Ridge tubes, set of 2	10 69 71901
Adapter for 16 ml Oak Ridge tubes, set of 2	10 69 72000
Adapter for 30 ml Oak Ridge tubes, set of 2	10 69 72106
Adapter for 35 ml Oak Ridge tubes, set of 2	10 69 72202

Cell culture centrifuge bundles

Whether you need a refrigerated or non-refrigerated centrifuge for low, medium or high-throughput applications, one of these bundles will definitely suit your requirements.

The Cell Culture Centrifuge Bundles are optimized for swing-bucket rotor applications in standard 15 ml and 50 ml conical tubes.

Cell Culture Centrifuge Bundle includes:

- Centrifuge 5804/ 5804 R oder 5810/ 5810 R
- Swing-bucket rotor incl. buckets
- Four adapters for 15 ml conical tubes (two sets of 2)
- Four adapters for 50 ml conical tubes (two sets of 2)

Article	Order No.
Centrifuge 5804, with rotor A-4-44	10 69 58041
incl. adapter for 15 ml/50 ml conical tubes. Max. capacity of conical tubes each rotor: 16 × 15 ml / 4 × 50 ml	
Centrifuge 5804 R, refrigerated, with rotor A-4-44	10 69 58040
incl. adapter for 15 ml/50 ml conical tubes. Max. capacity of conical tubes each rotor: 16 × 15 ml / 4 × 50 ml	
Centrifuge 5804, with rotor S-4-72	10 69 58042
incl. adapter for 15 ml/50 ml conical tubes. Max. capacity of conical tubes each rotor: 32 × 15 ml / 16 × 50 ml	
Centrifuge 5804 R, refrigerated, with rotor S-4-72	10 69 58043
incl. adapter for 15 ml/50 ml conical tubes. Max. capacity of conical tubes each rotor: 32 × 15 ml / 16 × 50 ml	
Centrifuge 5810, with rotor A-4-62	10 69 58100
incl. adapter for 15 ml/50 ml conical tubes. Max. capacity of conical tubes each rotor: 36 × 15 ml / 16 × 50 ml	
Centrifuge 5810 R, refrigerated, with rotor A-4-62	10 69 58102
incl. adapter for 15 ml/50 ml conical tubes. Max. capacity of conical tubes each rotor: 36 × 15 ml / 16 × 50 ml	
Centrifuge 5810, with rotor A-4-81	10 69 58101
incl. adapter for 15 ml/50 ml conical tubes. Max. capacity of conical tubes each rotor: 48 × 15 ml / 20 × 50 ml	
Centrifuge 5810 R, refrigerated, with rotor A-4-81	10 69 58103
incl. adapter for 15 ml/50 ml conical tubes. Max. capacity of conical tubes each rotor: 48 × 15 ml / 20 × 50 ml	
Centrifuge 5810, with rotor S-4-104	10 69 58104
incl. adapter for 15 ml/50 ml conical tubes. Max. capacity of conical tubes each rotor: 56 × 15 ml / 28 × 50 ml	
Centrifuge 5810 R, refrigerated, with rotor S-4-104	10 69 58105
incl. adapter for 15 ml/50 ml conical tubes. Max. capacity of conical tubes each rotor: 56 × 15 ml / 28 × 50 ml	

