

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

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	W x D x H 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 centrifuges 5804 (refrigerated version 5804 R) and 5810 (refrigerated version 5810 R) together with the high-performance, high-capacity swing-bucket rotors enable nearly all commercially available tubes of 1.5 to 400 ml to be centrifuged.

Adapters for microtiter and deepwell plates inserted directly into the rotor cross supplement the range of swing-bucket rotors and enable the use of commonly used filter-plate systems.

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.
A-4-44 swing-bucket rotor	incl. 4 rectangular beakers à 100 ml	5,000	4,400	55 69 09004
A-2-DWP-AT deepwell plate rotor	incl. 2 suspension gears aerosol-tight lids			10 69 71004
A-2-DWP deepwell plate rotor	incl. 2 suspension gears loading height up to 85 mm	3,700	2,250	55 69 40009
T-60-11 drum rotor	incl. lid, for 6 adapters	14,000	16,400	55 69 30003
F-34-6-38 fixed-angle rotor	incl. lid, 6 × 85 ml in 5810 R	11,000	15,550	55 69 27002
FA-45-6-30 fixed-angle rotor	incl. aerosol-tight“quick-lock“ lid	12,000	18,500	10 69 71506
F-45-30-11 fixed-angle rotor	incl. aluminium lid 30 × 1.5/2 ml	14,000	20,800	55 69 15004
FA-45-30-11 fixed-angle rotor	incl. aluminium lid aerosol-tight 30 × 1.5/2 ml	14,000	20,800	55 69 26006
F-45-48-PCR fixed-angle rotor	for 6× strips of 8 PCR tubes, 6× strips of 5 PCR tubes or 48×0.2 ml individual PCR tubes	12,000	15,350	55 69 35005



Rotors only for centrifuges type 5810/5810 R

Type	Version	Speed max. 1/min	RCF max. × g	Order No.
A-4-81 swing-bucket rotor	incl. 4 rectangular beakers à 500 ml	4000	3250	55 69 18007
A-4-81-MTP swing-bucket rotor	with 4 microtest plate hanging gears	4000	2900	55 69 25003
A-4-62 swing-bucket rotor	incl. 4 rectangular beakers à 250 ml	4000	3200	55 69 09008
A-4-81-MTP swing-bucket rotor	with 4 microtiter plate suspension gears	4000	2750	55 69 11002

Accessories for rotor A-4-81

Article	Order No.
Buckets for 7 x 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 Falcon® tubes.

Cell Culture Centrifuge Bundle includes:

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

Article	Order No.
Centrifuge 5804 R, refrigerated, 230V/50–60 Hz with swing-bucket rotor A-4-44 incl. rectangular buckets and 15-/50-ml-Falcon®-adapters	10 69 58040
Centrifuge 5810, 230V/50–60 Hz with swing-bucket rotor A-4-62 incl. rectangular buckets and 15-/50-ml-Falcon®-adapters	10 69 58100
Centrifuge 5810 R, refrigerated, 230V/50–60 Hz with swing-bucket rotor A-4-62 incl. rectangular buckets and 15-/50-ml-Falcon®-adapters	10 69 58102
Centrifuge 5810, 230V/50–60 Hz with swing-bucket rotor A-4-81 incl. rectangular buckets and 15-/50-ml-Falcon®-adapters	10 69 58101
Centrifuge 5810 R, refrigerated, 230V/50–60 Hz with swing-bucket rotor A-4-81 incl. rectangular buckets and 15-/50-ml-Falcon®-adapters	10 69 58103

