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Product Information

The high-speed benchtop centrifuge Centrifuge 5804/5804 R is suitable for medium-throughput molecular biology applications. It handles all common tube formats from 0.2 mL to 250 mL as well as plates, offering a with high versatility thanks to a broad range of rotors and adapters.

5804 R

Temperature range	-9 °C to 40 °C
Max. RCF	20,913 × g
Max. RCF with fixed-angle rotor	20,913 × g
Max. RCF with swing-bucket rotor	4,500 × g
Max. RCF with plate rotor	2,250 × g
Display	large, brightly lit LCD
Speed	200 – 14,000 rpm (10 rpm steps)
Max. capacity	4 × 250 mL/ 2 × 5 MTP
Rotors available	12

5804 R

Acceleration/braking ramps	10/10
Number of programs	35 user-defined programs
Timer	1 min to 99 min, with continuous run function, short-spin
Noise level	< 58 dB(A)
Volume range	1,000 mL
Power supply	230 V, 50 – 60 Hz
Max. power consumption	1,650 W
Dimensions (W × D × H)	63.4 × 55.0 × 34.2 cm / 25.0 × 21.7 × 13.5 in
Footprint (dimensions w/o front panel, WxD)	64 × 50 cm / 25 × 21.7 in
Height (with open lid)	74 cm / 29 in
Weight w/o accessories	80 kg / 176.4 lb
Cooling	refrigerated
Temperature control range	-9 °C to 40 °C

Noise level

Rotor FA-45-6-30 (6×50 mL)	<54 dB(A)
Rotor S-4-104 (4×750 mL)	–
Rotor S-4-72 (4×250 mL)	<58 dB(A)

Max. capacity

5804 R

Conical tubes	40 × 15 mL/ 16 × 50 mL
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Blood collection tubes	56 × 13 mm/ 52 × 16 mm
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Plates	10 × MTP/ 2 × DWP
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