

SIGMA 2-5 centrifuge



- Small laboratory centrifuge for medical labs, schools and research, for speeds up to 3900 rpm.
- A wide choice of reduction inlets and a multiple carrier for a variety of different tubes for universal use.
- Simple 2-knob preselection of speed/RCF and time.
- Short operation with display in seconds cycle.
- Electronic regulated times of up to 30 minutes or continual run can be selected.
- Efficient electrical brake for short deceleration and softstop for sensitiv sedimentations.
- As a matter of course this centrifuge includes a double cover closing and locking mechanism according to the German accident prevention regulation (VBG 7z). A LED-indicator signalizes when the rotor has stopped and the lid may be opened.
- Indication of speed/RCF and time.
- Product compliant with national and international safety regulations (IEC 1010, CE).
- No. 10130 for 230 V 50+60 Hz
- No.10131 for 100/120 V 50+60 Hz

Technical specifications SIGMA 2-5

Power supply	100-120V/50+60Hz, 230V/50+60Hz
Power consumption	120 W
Maximum rotational speed	3.900 rpm
Maximum capacity	4 x 100 ml / 30 x 15 ml
Interference suppression	EN 55.011 Kl. B
Dimensions: Height x Width x Depth	300x365x460 mm
Weight without accessories	20 kg
Max. kinetic energy	1.480 Nm

Rotors

Order. no.	Description	Max. rpm	Max. rcf
11035	Swing-out rotor 8 x 15 ml complete, no. 11019, incl carriers no. 13020 for several tubes, e.g. ϕ 17 x 100 mm	3.900	2.310
11036	Swing-out rotor for 2 carriers no. 13020 or 2 buckets no. 13099 or no. 13030	3.900	2.310/2.280
11030	Swing-out rotor, without buckets, for 4 buckets no. 13020, 13099, 13032	3.900	2.310/2.280
11031	Swing-out rotor 16 x 15 ml complete, no. 11030, incl. carriers no. 13020 and 16 PS-tubes no. 15020, max. tube dimensions ϕ 17 x 100 mm	3.900	2.310
11032	Swing-out rotor 4 x 100 ml complete, no. 11030, incl. buckets no. 13099 and 4 glass tubes 100 ml no. 15100	3.900	2.280
11021	Swing-out rotor for 2 to 6 microtiterplates	3.900	1.700
12011	Angle rotor 6 x 15 ml complete, for tubes ϕ 17 x up to 130 mm e.g. no. 15015, 15020, 15023, 15024 and for 6 reaction vials 1.5 - 2.2 ml no. 15008, 15040	3.900	1.632
12012	Angle rotor 8 x 15 ml complete, for tubes ϕ 17 x up to 115 mm e.g. no. 15015, 15020, 15023, 15024 and for 8 reaction vials 1.5 - 2.2 ml no. 15008, 15040	3.900	1.632
12061	Angle rotor 30 x 15 ml, e.g. Monovettes and Falcontubes 15 ml	3.900	2.313/1.973
12062	Angle rotor 20 x 15 ml, e.g. Monovettes and Falcontubes 15 ml	3.900	2.313

Accessories

Order no.	Description	Suitable for:
13099	Bucket made of synthetic material 1 x 100 ml for tubes no. 15100, 15102, 15103, 15106.	11036, 11035, 11030 and 11031
17950	Adapter 1 x 50 ml for 1 tube no. 15049, 15050, 15056	13099
17925	Adapter 1 x 25 ml for 1 glass tube no. 15025, 15026	13099
17907	Adapter 1 x 7 ml for 1 glass tube no. 15007, 15027	13020
13032	Bucket with screw cap	11036, 11035, 11030, 11031 and 11032
17250	Round carrier for 1 tube 50 ml no. 15049, 15050, 15056	13032
17225	Round carrier for 1 glass tube 25 ml no. 15025, 15026	13032
17215	Round carrier for 3 tubes 15 ml no. 15015, 15020, 15023, 15024	13032
13034	Bucket for round carriers no. 14029, 14030, 14031, 14032, 14033, 14034, incl. polysulfone screw cap	11030
14029	Round carrier for 5 glass tubes 7 ml no. 15007, 15027 and RIA tubes 5 ml no. 15060, max. ϕ 12 x 100 mm	13034
14030	Round carrier for 4 tubes 15 ml no. 15015, 15020, 15023, 15024, max ϕ 16,5 x 110 mm, ϕ of cap 17 mm	13034
14031	Round carrier for 1 glass 25 ml no. 15025, 15026	13034
14032	Round carrier for 1 glass 50 ml no. 15049, 15050, 15056	13034
14033	Round carrier for 4 hemolyse or Vacutainer tubes ϕ 12,5/16,5 x 60/70 mm and RIA-tubes 5 ml no. 15060	13034
14034	Round carrier for 3 tubes 15 ml no. 15015, 15020, 15023, 15024 and Monovettes 9 ml, max ϕ 17,2 x 110 mm, ϕ of cap 19 mm	13034
17205	Round carrier for 4 hemolyse tubes; Vacutainer tubes ϕ 12,5/16,5 x 60/80 mm	13032
13020	Multiple carrier made of synthetic material for 4 tubes, e.g. ϕ 17 x 110 mm no. 15015, 15020, 15023, 15024	11036, 11030 and 11032
13031	Sealed bucket with cap, 1 x 50 ml Falcon	11030, 11031 and 11032
13060	Adapter 1 x 15 ml Falcon	13031
13037	Multiple carrier for 6 x 5-15 ml 17/19x90-110, Monovettes	11030
13064	Adapter 1 x 30 ml 25/31 x 65 mm Sterilin no. 3008	13031