



Centrifuge

1-14



*Refrigerated
Centrifuge*

1-14K

SIGMA 1-14

No. 10014 (220 – 240 V, 50/60 Hz), No. 10015 (100 – 120 V, 50/60 Hz)

- bright display
- big push buttons
- minimal temperature increase during run
- maintenance free brushless drive motor
- motorized lid lock, auto lid open
- 200 - 14,800 rpm
- timer: 10 sec - 99 min, 1 sec increments, short run, continuous run
- display speed or g-force
- preselection speed or g-force
- speed increments 100 rpm
- RCF increments 10 x g
- last run memory
- 2 acceleration- and deceleration curves, soft or fast
- emergency lid lock release
- window in the lid for external speed control
- overspeed controller
- according to IEC 61010
- RoHS conform

SIGMA 1-14K

No. 10020 (220 – 240 V, 50/60 Hz), No. 10021 (100 – 120 V, 50/60 Hz)

- refrigerated version of Sigma 1-14
- identical rotor library

additional

- 200 - 15,000 rpm
- stainless steel bowl
- rapid cooling program
- 10 programs
- refrigerant R134a (CFC-free)
- temperature setting range -10 - +40°C



No. 12084



No. 12094



No. 12082



No. 12096



Silent
Strong
Safe
Super fast



No. 12092



No. 11026

No. 17026

No. 17028

Description	Rotor order no.	Angle [°]	Sigma 1-14		Sigma 1-14K		
			Accelerationtime / Decelerationtime ¹ [sec]	Max. RCF [xg]	Accelerationtime / Decelerationtime ¹ [sec]	Max. RCF [xg]	Min. temp. ² [°C]
24 x 1.3 x 50 mm, 19 µl , FA, AL	11026	90	12 / 11	11,903	13 / 12	11,903	4
2 strips (8 x 0.2 ml), FA, PP	12096	45	10 / 12	11,755	11 / 12	12,074	6
12 x 1.5-2 ml , FA, AL	12082	45	18 / 12	15,183	18 / 15	15,596	3
12 x 1.5-2 ml , FA, PP	12092	45	14 / 11	15,183	14 / 13	15,596	3
24 x 1.5-2 ml , FA, AL	12084	45 ± 3	20 / 13	16,163	21 / 18	16,602	4
24 x 1.5-2 ml , FA, PP	12094	45 ± 3	18 / 11	16,163	18 / 14	16,602	3

FA = fix angle, AL = aluminium, PP = polypropylene ¹ 0 - 100%, ² Min. rotor temperature at max speed, 1h runtime

No. 13021, adapter **0.2 ml** for 1.5 ml rotors, 2 pcs.
 No. 13000, adapter **0.25 – 0.4 ml** tubes for 1.5 ml rotors, 2 pcs.
 No. 13002, adapter **0.5 – 0.75 ml** for 1.5 ml rotors, 2pcs.
 No. 15042, reaction vials **0.2 ml**, 100 pcs.
 No. 15014, reaction vials **0.4 ml**, 100 pcs.
 No. 15005, reaction vials **0.5 ml**, 100 pcs.
 No. 15008, reaction vials **1.5 ml**, 100 pcs.
 No. 15040, reaction vials **2 ml**, 100 pcs.

No. 15028, capillary tube **19 µl**, 1.3 x 50 mm, 200 pcs.
 No. 17004, magnifying glass
 No. 17005, capillary sealing putty, 10 plates
 No. 17026, reader for rotor 11026
 No. 17028, card reader

Sigma 1-14 No. 10014 (220-240V, 50/60Hz), No. 10015 (100-120V, 50/60Hz)

Sigma 1-14K No. 10020 (220-240V, 50/60Hz), No. 10021(100-120V, 50/60Hz)

Technical data	Sigma 1-14	Sigma 1-14K
power consumption [W]	95	230
max. capacity [ml]	24 x 2	24 x 2
max. speed [rpm]	14,800	15,000
max. RCF [xg]	16,163	16,602
min. speed [rpm]	200	200
dimensions: h x d x w [mm]	176 x 266 x 212	236 x 515 x 273
height with open lid [mm]	310	404
weight [kg]	6	19
max. kinetic energy [Nm]	1721	1768
interference supression	EN61326	EN61326
noise level at max speed [dB]	< 60	53-59



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