

转子容量 Description	转子 Rotor no.	角度 Angle [°]	Sigma 1-14		Sigma 1-14K		
			Acc. 加速度 Dec. 减速度 [sec]	Max. RCF [xg]	Acc. 加速度 Dec. 减速度 [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 1.5/2.2 ml, FA, AL	12082	45	18 / 12	15,183	18 / 15	15,596	3
12 x 1.5/2.2 ml, FA, PP	12092	45	14 / 11	15,183	14 / 13	15,596	3
24 x 1.5/2.2 ml, FA, AL	12084	45 ± 3	20 / 13	16,163	21 / 18	16,602	4
24 x 1.5/2.2 ml, FA, PP	12094	45 ± 3	18 / 11	16,163	18 / 14	16,602	3

FA = fix angle 角转子, AL = aluminium 铝制, PP = polypropylene 聚丙烯, ¹ 0 - 100%, ² 最高转速下运行1小时的最低温度
Min. rotor speed at max speed, 1h runtime

水平转子/Swing-out rotor

转子容量	Sigma 1-14		Sigma 1-14K	
	max. [r/min]	max. RCF[xg]	max. [r/min]	max. RCF[xg]
6 x 1.5 ~ 2.0 ml	15,000	16,000	15,000 (+4°C)	16,000

No. 13021, 0.2 ml 适配器 adapter, 2 pcs.

No. 13000, 0.25 / 0.4 ml tubes 适配器 adapter, 2 pcs.

No. 13002, 0.5 / 0.75 ml for 1.5 ml rotors, adapter, 2 pcs.

No. 15042, reaction vials 离心管 0.2 ml, 100 pcs.

No. 15014, reaction vials 离心管 0.4 ml, 100 pcs.

No. 15005, reaction vials 离心管 0.5 ml, 100 pcs.

No. 15008, reaction vials 离心管 1.5 ml, 100 pcs.

No. 15040, reaction vials 离心管 2 ml, 100 pcs.

No. 15028, capillary tube 毛细管 19 µl, 1.3 x 50 mm, 200 pcs.

No. 17004, magnifying glass 放大镜

No. 17005, capillary sealing putty, 封口泥 10 plates

No. 17026, reader for rotor 读数器 11026

No. 17028, card reader 读数器

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

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

技术参数	Technical data	Sigma 1-14	Sigma 1-14K
功率 [W]	power consumption [W]	95	230
最大容量 [ml]	max. capacity [ml]	24 x 2	24 x 2
最高转速 [r/min]	max. speed	14,800	15,000
最大相对离心力 [xg]	max. RCF	16,163	16,602
最低转速 [r/min]	min. speed	200	200
时间控制	Timer	10s ~ 99 min	10s ~ 99 min
尺寸: 高 X 深 X 宽 [mm]	dimensions: h x d x w [mm]	176 x 266 x 212	236 x 515 x 273
开盖高度 [mm]	height with open lid [mm]	310	404
重量 [kg]	weight [kg]	6	19
最大动能 [Nm]	max. kinetic energy [Nm]	1721	1768
干扰抑制标准	interference supression	EN61326	EN61326
最高转速噪音 [dB(A)]	noise level at max speed [dB(A)]	< 60	53~59

德国制造

MADE IN GERMANY



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www.sigma-zentrifugen.de

04 / 2010 VN



小型台式高速离心机
Centrifuge

1-14



小型台式高速冷冻离心机
Refrigerated
Centrifuge

1-14K

Sigma 1-14

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

- 无碳刷变频电机, 自动开盖, 锁盖
- maintenance free brushless drive motor motorized lid lock, auto lid open
- 大容量 (24 X 1.5 / 2.2 ml), 具有相同离心力
- large capacity (= 24 X 1.5 - 2.2 ml tubes), with identical rcf
- 高转速 (14,800 r/min), 大相对离心力 (16,163 xg)
- Top speed fo 14,800 rpm, very high relative centrifugal force of 2 - 16.163 xg
- 大屏液晶显示, 转速、相对离心力和运转时间一目了然
- Bright display offers good legibility; rpm/RCF
- 按键操作, 各项参数设定简单、快捷
- Simple, direct operation using push buttons
- 短时运转, 平稳启动, 平稳停止, 仅一键控制
- Shortrun, Softstart and Softstop - the only one to offer this feature in it's class
- 多种类型聚丙烯和铝合金转子可选, 适用于不同应用
- Large selection fo polypropylene and aluminium rotors
- 气体通风冷却设计, 确保样品最小限度升温
- Air cooling ensures minimal temperature increase of samples in the rotor bowl
- 上次运行参数保留, 两个加速曲线, 平稳或快速
- last run memory 2 acceleration- and deceleration curves, soft or fast
- 紧急开盖功能, 超速报警
- emergency lid lock release overspeed controller
- 符合国际安全标准 IEC61010, RoHS指令
- according to IEC 61010 RoHS conform

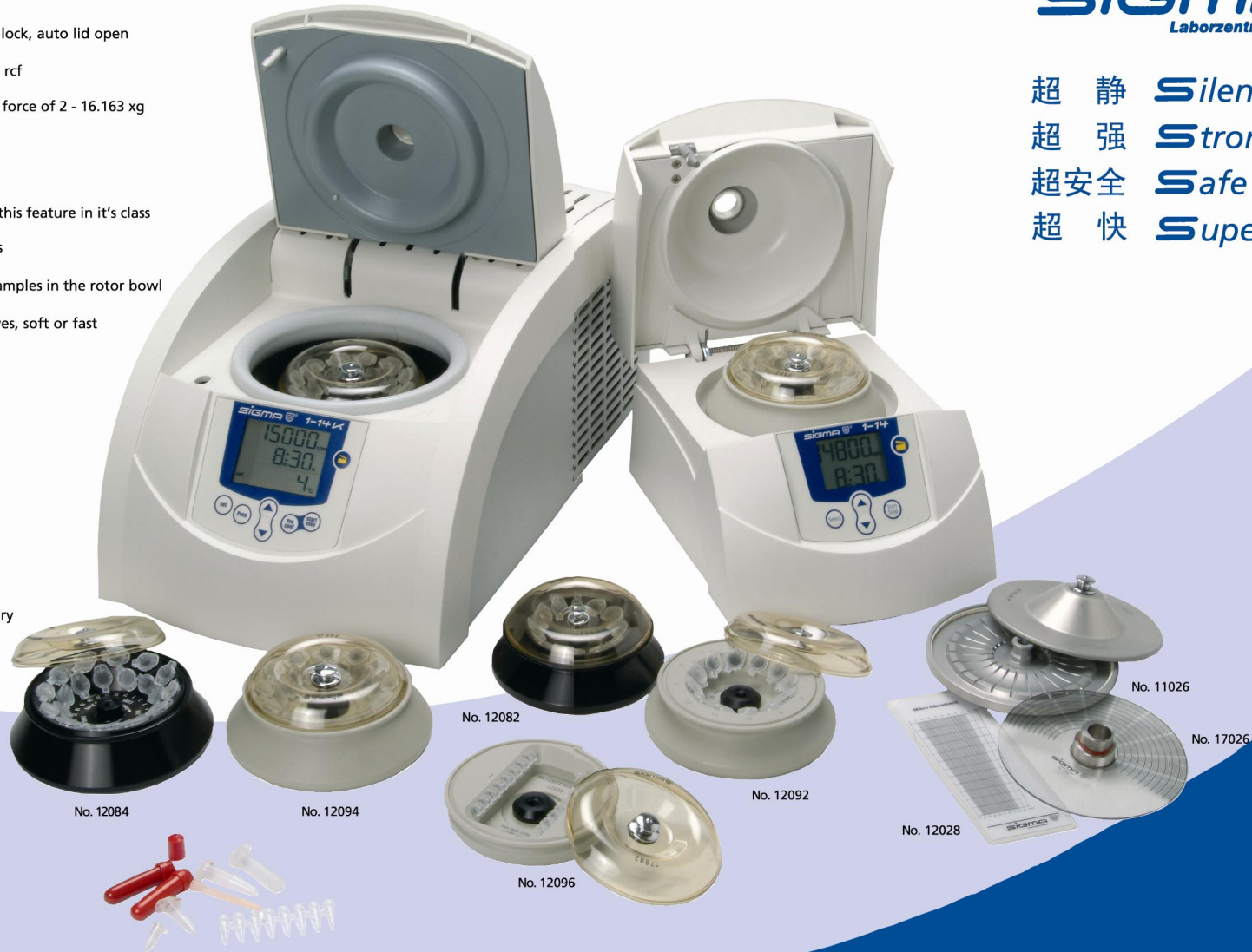
Sigma 1-14K

No. 10020 (220 ~ 240 V, 50/60 Hz),

- Sigma1-14的冷冻型号, 转子相同
- 转速范围200~15,000 r/min
- 不锈钢腔体
- 10个程序存储快速预冷程序
- 控温范围-10 ~ +40°C, 无氟环保制冷剂R134a
- refrigerated version of Sigma 1-14 identical rotor library
- 200 - 15,000 rpm stainless steel bowl
- 10 programs rapid cooling program
- temperature setting range -10 - +40°C refrigerant R134a (CFC-free)

SIGMA®
Laborzentrifugen

超 静 *Silent*
超 强 *Strong*
超安全 *Safe*
超 快 *Super fast*



No. 12084

No. 12094

No. 12082

No. 12092

No. 12096

No. 12028

No. 11026

No. 17026